

AP - 015

2010 AGWMR

05/25/2011

AP015



Thomas (Tom) Wynn
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Risk Management & Remediation
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April 25, 2011

Mr. Glenn Von Gonten
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 2010 THROUGH FEBRUARY 2011
ConocoPhillips East Hobbs Junction (AP-15)
Hobbs, Lea County, New Mexico**

Dear Mr. Von Gonten:

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 2010 through February 2011 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

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**ANNUAL MONITORING, OPERATION
AND MAINTENANCE REPORT
MARCH 2010 THROUGH FEBRUARY 2011**

**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

April 25, 2011



TETRA TECH, INC.

1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559

April 25, 2011

Mr. Glenn Von Gonten
Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Dr.
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**RE: ANNUAL MONITORING, OPERATION AND MAINTENANCE REPORT
MARCH 2010 THROUGH FEBRUARY 2011
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). This report is a summary of the following activities performed from March 2010 through February 2011:

- 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 2010, and January 2011.

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 2010). 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 27-28, July 27-28 and October 26-27, 2010, and January 25-26, 2011. 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 27 and 28, 2010, wells MW-3 through 6, MW-12 through 16, MW-18 through 27, and SVE-10 were sampled. On July 27-28, 2010, wells MW-4 through 6, MW-11 through 16, MW-18 through 27, and SVE-10 were sampled. On October 26-27, 2010 and January 25-26, 2011, wells MW-4 through 6, MW-12 through 16, MW-18 through 27, and SVE-10 were sampled. The groundwater samples were collected into appropriate sample containers, placed in a cooler packed with ice, and shipped under chain-of-custody to an approved laboratory for analysis of 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 elevation measurements are summarized in Table I. During January 2011, MW-24 through 27 were surveyed for latitude, longitude, and elevation with respect to area datum by a New Mexico Registered Professional Surveyor. This new data is included in Table I and the surveyor's report is included in Appendix A. 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 0.0012 feet per foot (ft/ft) in January 2011 to 0.0017 ft/ft in October 2010. 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. Well MW-17 has been dry since April 2009. An increase in groundwater elevations was seen in early 2010, but most wells resumed their decreasing trend in January 2011. All of the wells have now reached the lowest groundwater levels historically recorded since the wells were installed, with the exceptions of MW-18 and MW-21.

Groundwater analytical results for the April, July, and October 2010, and January 2011 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, concentrations of BTEX, TPH-GRO and TPH-DRO decreased overall in wells MW-4, MW-5, MW-6, MW-15, MW-16, MW-24 through 27 and SVE-10, and remained generally consistent in wells MW-12 and MW-18. During the reporting time frame, the highest concentration of benzene was reported in well MW-3 at 6,300 micrograms per liter ($\mu\text{g/L}$; April 2010). This well was not sampled during the following three sampling events due to the presence of measurable liquid phase hydrocarbons (LPH). Also during the reporting time frame, well MW-11 reported the highest concentrations of TPH-GRO (29 milligrams per liter [mg/L]), and TPH-DRO (10 mg/L) in July 2010; however, this well was not sampled during the other three sampling events due to the presence of measurable LPH (Tables 2a and 2b).

FREE PETROLEUM HYDROCARBON GAUGING

Free-phase petroleum hydrocarbons were measured in selected wells during each of the four monitoring events, and weekly measurements are recorded at wells MW-7, MW-8 and MW-10 to monitor any crude oil recharge into these wells. Isopleth maps depicting LPH thickness for April, July and October 2010, and January 2011 are included as Figures 4a, 4b, 4c and 4d, respectively, and LPH measurements are summarized in Table 1.

During April and July 2010, only MW-2 and MW-9 recorded measurable LPH thicknesses, at 1.24 and 1.50 feet, respectively in April 2010, and 1.09 and 1.56 feet, respectively in July 2010. In October 2010, LPH was measured at 0.09 feet in MW-2, while none was measured in MW-9. Very thin LPH measurements of 0.01 to 0.02 feet were also measured in wells MW-3, MW-7 and MW-11 during October 2010. During January 2011, LPH was measured at 1.28 feet in MW-2 and 1.34 feet in MW-9, while 0.01 feet was measured in MW-3. While not shown on the figures, LPH measurements on March 1, 2011 recorded no measurable LPH in either MW-2 or MW-9. This fluctuation of LPH in MW-2 and MW-9 may be attributed to the effects of SVE at these two wells. Skimmer pumps are currently being installed back in MW-2 and MW-9.

As previously discussed, groundwater levels at the Site have shown a continual decrease over time, and a majority of the wells have now reached the lowest groundwater levels historically recorded since the wells were installed, below the maximum low stand in 2004 when LPH was

last measured at recoverable thicknesses. Depiction of each well's LPH plume thickness and groundwater level is shown on the hydrographs in Appendix A.

FREE PETROLEUM HYDROCARBON RECOVERY

Due to the reduced LPH plume thickness described above, no crude oil recovery was performed at the Site during March 2010 through February 2011, and 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 2010.

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, only MW-2 and MW-9 have recorded measurable LPH above 0.5 feet, although intermittently, which may be attributed to SVE at these wells. Skimmer pumps are currently being installed in these two wells to capture what LPH is coming into these wells. Also, no disposal activities were performed at the Site during March 2010 through February 2011.

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, system repairs 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 a cyclic response in the groundwater DO through February 2010, with alternating increases and decreases in the DO measured in the wells. Well vacuum and SVE effluent VOC concentration readings are presented in Table 4. Groundwater DO and temperature measurements in select wells are presented in Table 5.

Approximately 61,114 pounds (~30.5 tons) of VOCs have been removed from the vadose zone by the SVE system since startup on October 17, 2002 through February 2011. The yearly total of VOCs removed by SVE from March 2010 through February 2011 was approximately 6 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. However, VOC removal rates have increased during March 2010 through February 2011 due to the bioventing operations. 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, 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:

- In the interior wells, concentrations of BTEX, TPH-GRO and TPH-DRO decreased overall in wells MW-4, MW-5, MW-6, MW-15, MW-16, MW-24 through 27 and SVE-10, and remained generally consistent in wells MW-12 and MW-18. 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 61,114 pounds (~30.5 tons) of VOCs have been removed from the vadose zone by the SVE system since startup on October 17, 2002 through February 2011. The yearly total of VOCs removed by SVE from March 2010 through February 2011 was approximately 6 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. However, VOC removal rates have increased during March 2010 through February 2011 due to the bioventing operations.
- 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 have shown a cyclic response in the groundwater DO through February 2011, with alternating increases and decreases in the DO measured in the wells.

- Groundwater levels at the Site have shown a continual decrease over time, with a majority of the wells now showing the lowest groundwater levels historically recorded since the wells were installed.
- During April and July 2010, only MW-2 and MW-9 recorded measurable LPH thicknesses, at 1.24 and 1.50 feet, respectively in April 2010, and 1.09 and 1.56 feet, respectively in July 2010. In October 2010, LPH was measured at 0.09 feet in MW-2, while none was measured in MW-9. Very thin LPH measurements of 0.01 to 0.02 feet were also measured in wells MW-3, MW-7 and MW-11 during October 2010. During January 2011, LPH was measured at 1.28 feet in MW-2 and 1.34 feet in MW-9, while 0.01 feet was measured in MW-3. LPH measurements on March 1, 2011 recorded no measurable LPH in either MW-2 or MW-9. This fluctuation of LPH in MW-2 and MW-9 may be attributed to the effects of SVE at these two wells.
- Due to the reduced LPH plume thickness, no crude oil recovery was performed at the Site during March 2010 through February 2011, and the skimmer pumps have been removed from the wells to facilitate groundwater and LPH measurement access. However, skimmer pumps are currently being installed back into MW-2 and MW-9 to capture what LPH is coming into these wells. From initial abatement activities through February 2011, 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:

- During previous discussion with Mr. Von Gonten (NMOCD-Santa Fe) on April 19, 2010, Tetra Tech forwarded a verbal proposal to amend the current quarterly groundwater monitoring schedule to a semi-annual monitoring schedule, based on the extensive amount of data existing from approximately 7 years of quarterly groundwater sampling. In response, Mr. Von Gonten stated that he would like to see a proposal to this effect that includes installing additional recovery wells at the Line NMI-1 site to

Mr. Glenn Von Gonten

April 25, 2011

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expedite product recovery there and provisions to perform groundwater sampling at all the recovery wells once per year for indicative parameters at both Line NMI-1 and East Hobbs Junction. Based on the fact that four new crude oil recovery wells have now been installed at the Line NMI-1 site, it is recommended that a proposal be presented to the NMOCD to change the groundwater monitoring schedule from quarterly to semi-annual sampling, including yearly groundwater sampling at all the recovery wells at both sites.

- Continue close monitoring of the groundwater levels and LPH plume thickness with the purpose of restarting the crude oil skimmer system if recoverable LPH is observed in the recovery wells. Skimmer pumps are currently being installed in MW-2 and MW-9 to recovery what LPH is coming into these wells.
- Continue operation and monitoring of the converted bioventing system.

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



TETRA TECH, INC.

FIGURES

- Figure 1** **Site Map**
- Figure 2a** **Groundwater Contour Map – April 2010**
- Figure 2b** **Groundwater Contour Map – July 2010**
- Figure 2c** **Groundwater Contour Map – October 2010**
- Figure 2d** **Groundwater Contour Map – January 2011**
- Figure 3a** **Summary of Groundwater Analytical Results – April 2010**
- Figure 3b** **Summary of Groundwater Analytical Results – July 2010**
- Figure 3c** **Summary of Groundwater Analytical Results – October 2010**
- Figure 3d** **Summary of Groundwater Analytical Results – January 2011**
- Figure 4a** **Liquid Phase Hydrocarbon (LPH) Thickness Contour Map – April 2010**
- Figure 4b** **Liquid Phase Hydrocarbon (LPH) Thickness Contour Map – July 2010**
- Figure 4c** **Liquid Phase Hydrocarbon (LPH) Thickness Contour Map – October 2010**
- Figure 4d** **Liquid Phase Hydrocarbon (LPH) Thickness Contour Map – January 2011**
- Figure 5** **VOC Emissions Data**



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

Note: Site is restricted to public access.

D.A. Cochran Property

Occidental Permian Ltd. Property

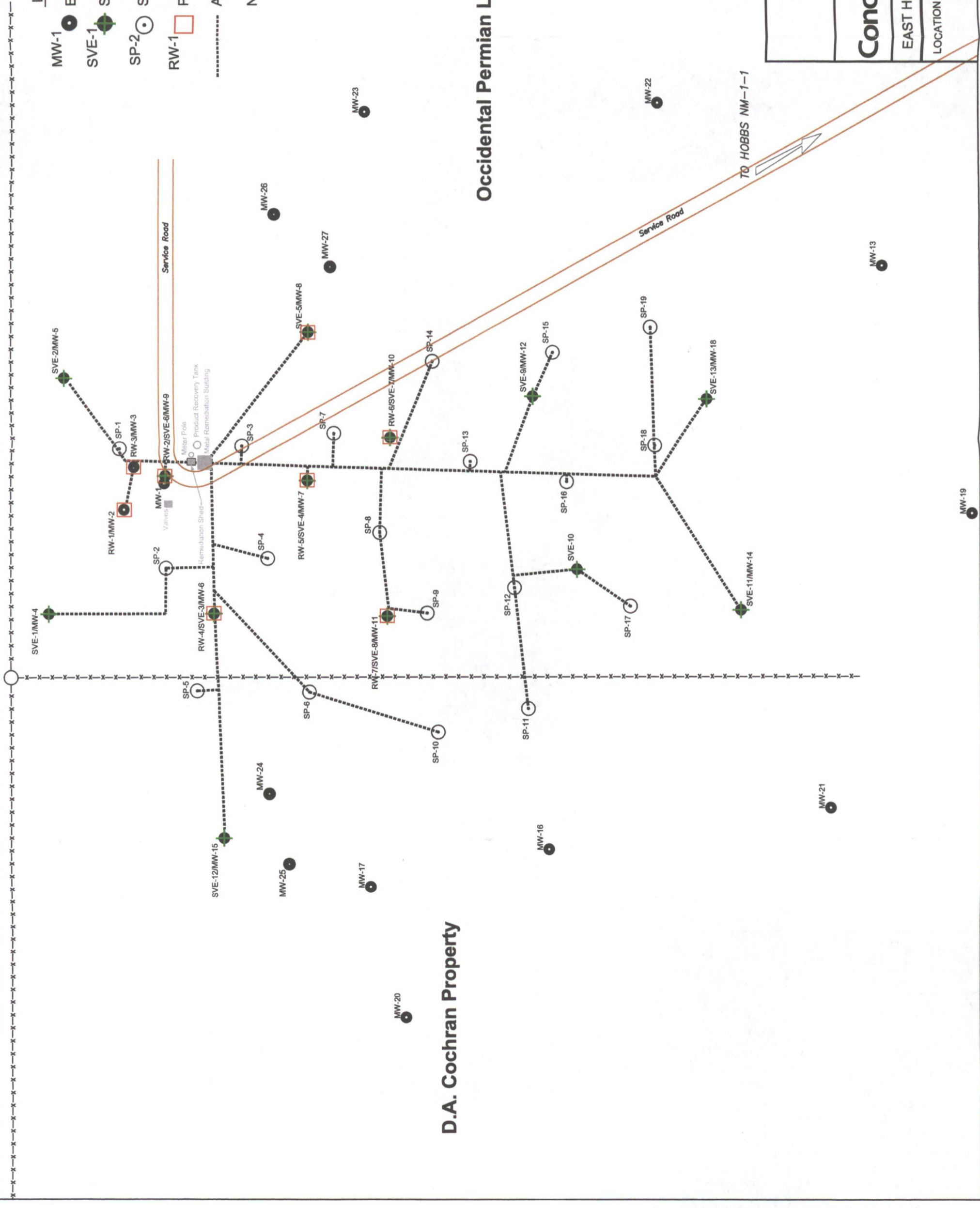
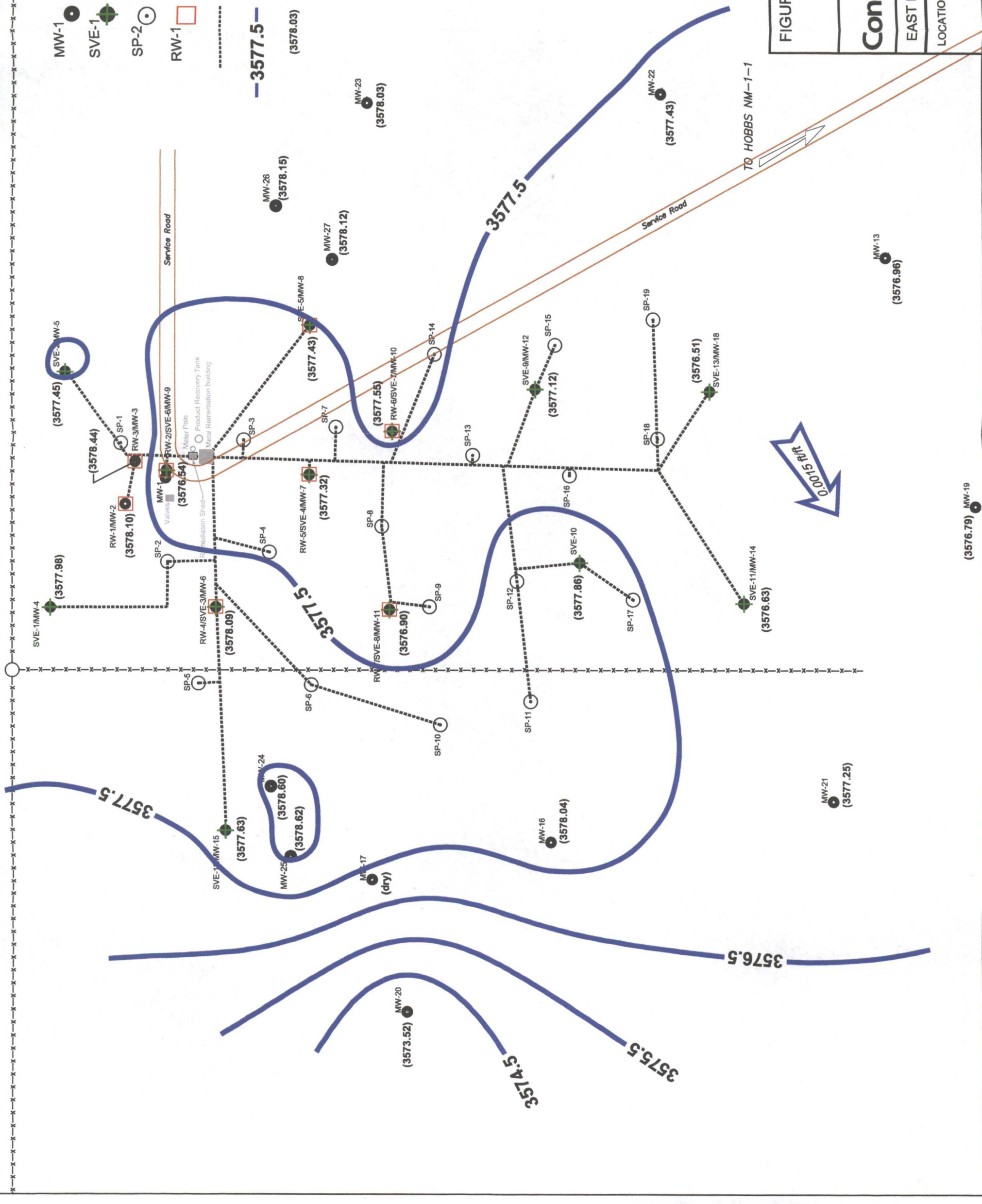


FIGURE 1 : SITE MAP

	TETRA TECH, INC.
EAST HOBBS JUNCTION	DATA COLLECTED : JAN 24, 2011
LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E	PROJECT NO : 114-6400787 MODIFIED BY : GWP DATE MODIFIED : 03/24/2011 ACAD File : EHJ.Fig1SiteMap2011.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
 - 3577.5 — Groundwater Elevation Contour
 - (3578.03) Groundwater Elevation (feet above mean sea level)
- ft/ft = feet per foot



**FIGURE 2a : GROUNDWATER ELEVATION
CONTOUR MAP
APRIL 2010**

		DATA COLLECTED : APRIL 26, 2010
		PROJECT NO : 114-6400787 MODIFIED BY : GWP DATE MODIFIED : 03/30/2011 ACAD File : EHJ.GW Apr10.dwg
EAST HOBBS JUNCTION	TETRA TECH, INC.	LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E

MW-19 (3576.79)

MW-13 (3576.96)

MW-21 (3577.25)

MW-16 (3578.04)

MW-20 (3573.52)

MW-17 (dry)

MW-24 (3578.60)

MW-25 (3578.62)

MW-15 (3577.63)

SP-8 (3576.90)

SP-9

SP-10

SP-11

SP-12

SP-13

SP-14

SP-15

SP-16

SP-17

SP-18

SP-19

SP-20

SP-21

SP-22

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SP-215

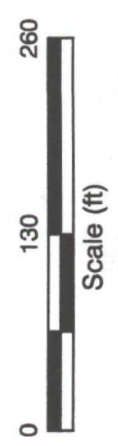
SP-216

SP-217

SP-218

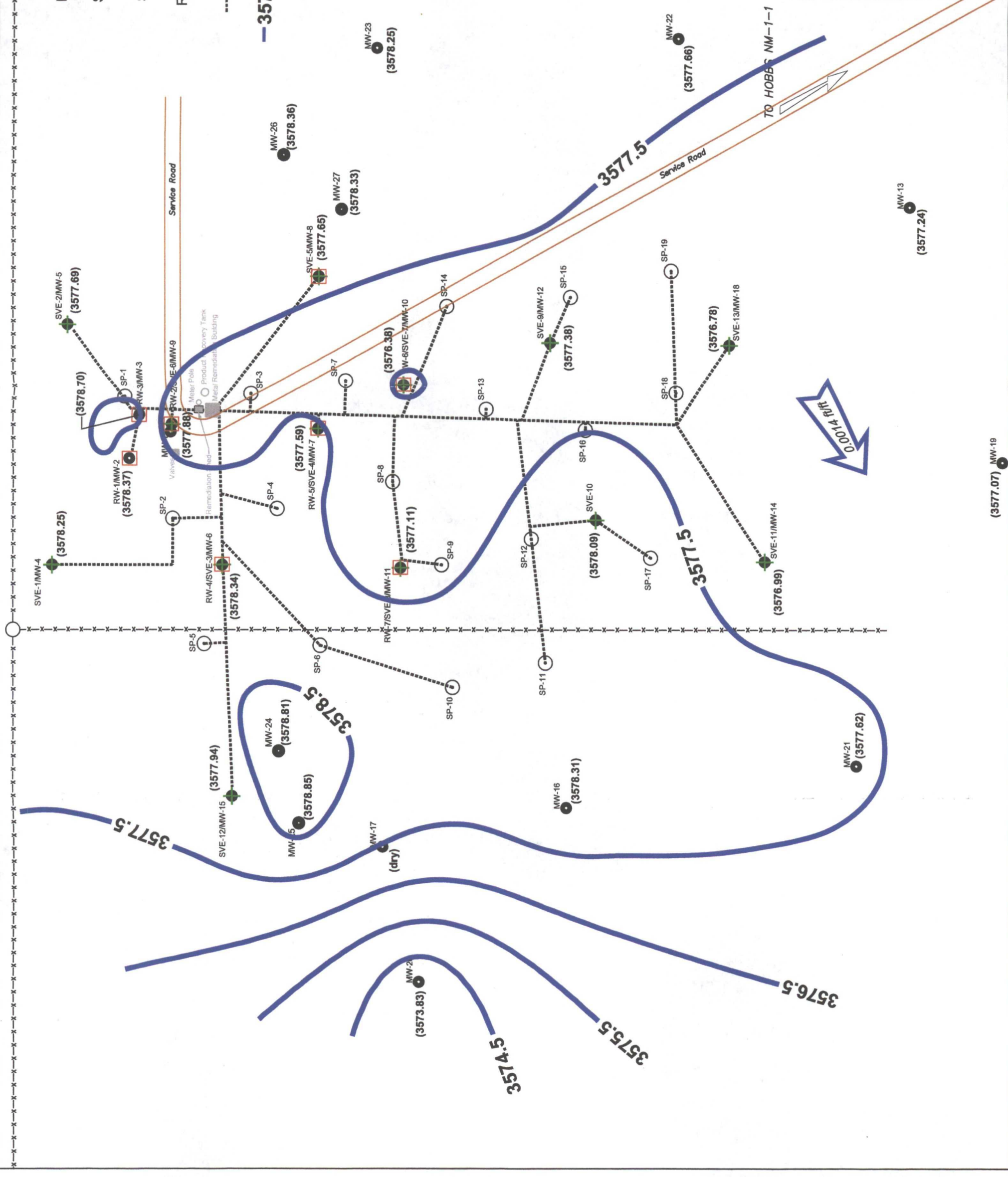
LEGEND

- 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
 - 3578.5 — Groundwater Elevation Contour
 - (3578.25) Groundwater Elevation (feet above mean sea level)
- ft/ft = feet per foot



**FIGURE 2b : GROUNDWATER ELEVATION
CONTOUR MAP
JULY 2010**

	EAST HOBBS JUNCTION	DATA COLLECTED : JULY 26, 2010
LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E		
PROJECT NO : 114-6400787 MODIFIED BY : GWP DATE MODIFIED : 03/30/2011 ACAD File : EHG.GW Jul10.dwg		



LEGEND

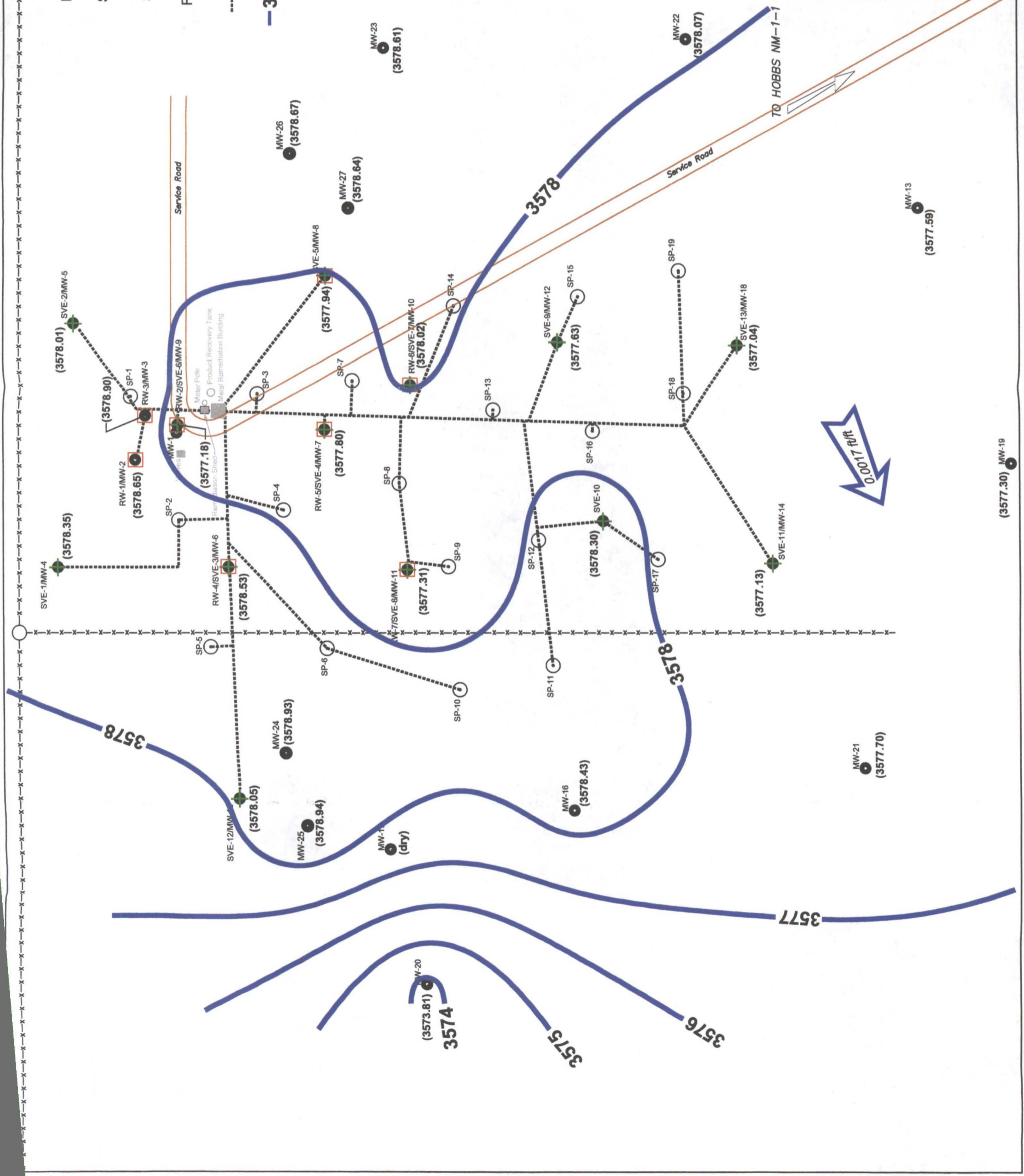
- MW-1 ● Existing Monitor Well Location and Designation
- SVE-1 ● Soil Vapor Extraction Location and Designation
- SP-2 ○ Sparge Well Location and Designation
- RW-1 □ Product Recovery Well Location and Designation
- Alignment of Conveyance Piping Corridor
- 3578— Groundwater Elevation Contour
- (3578.61) Groundwater Elevation (feet above mean sea level)

ft/ft = feet per foot



**FIGURE 2c : GROUNDWATER ELEVATION
CONTOUR MAP
OCTOBER 2010**

ConocoPhillips	Tetra Tech, Inc.
EAST HOBBS JUNCTION	DATA COLLECTED : OCT 25, 2010
LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E	PROJECT NO : 114-6400787 MODIFIED BY : GWP DATE MODIFIED : 03/29/2011 ACAD File : EHJ.GW Oct10.dwg



(3577.30) MW-19

MW-13 (3577.59)

MW-21 (3577.70)

MW-16 (3578.43)

MW-24 (3578.93)

MW-25 (3578.94)

MW-20 (3573.81)

MW-1 (dry)

MW-26 (3578.67)

MW-27 (3578.64)

MW-23 (3578.61)

MW-22 (3578.07)

SVE-2/MW-5 (3578.01)

RW-1/MW-2 (3578.65)

MW-1 (3577.18)

RW-4/SVE-3/MW-6 (3578.53)

RW-5/SVE-4/MW-7 (3577.80)

MW-7/SVE-9/MW-11 (3577.31)

RW-9/SVE-7/MW-10 (3578.02)

SVE-5/MW-8 (3577.94)

SVE-9/MW-12 (3577.63)

SVE-13/MW-18 (3577.04)

SVE-11/MW-14 (3577.13)

SVE-10 (3578.30)

SVE-13/MW-18 (3577.04)

SVE-13/MW-18 (3577.04)

SVE-11/MW-14 (3577.13)

(3577.30) MW-19

LEGEND

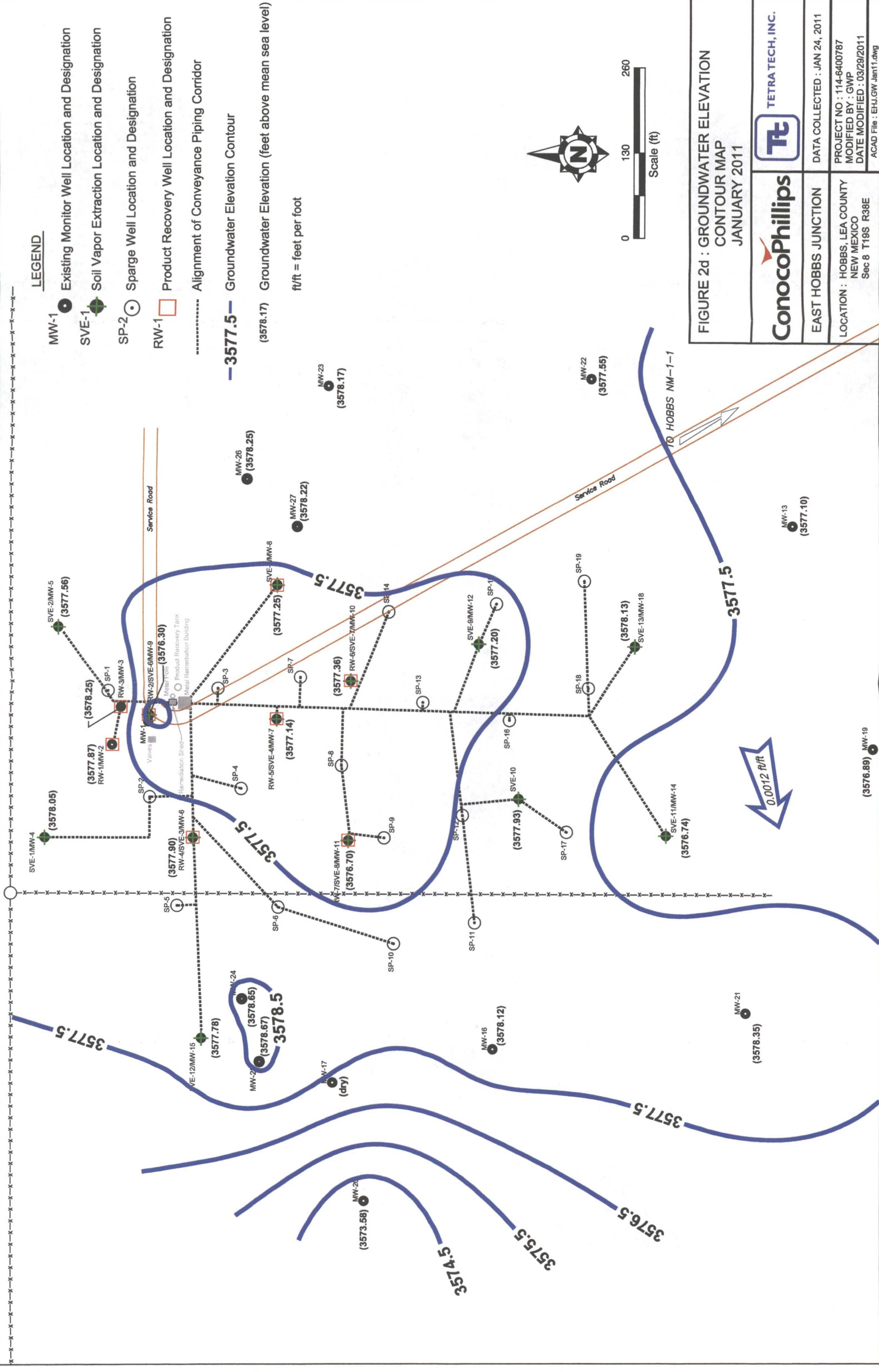
- MW-1 ● Existing Monitor Well Location and Designation
- SVE-1 ● Soil Vapor Extraction Location and Designation
- SP-2 ○ Sparge Well Location and Designation
- RW-1 □ Product Recovery Well Location and Designation
- Alignment of Conveyance Piping Corridor
- 3577.5— Groundwater Elevation Contour
- (3578.17) Groundwater Elevation (feet above mean sea level)

ft/ft = feet per foot



**FIGURE 2d : GROUNDWATER ELEVATION
CONTOUR MAP
JANUARY 2011**

ConocoPhillips	Tetra Tech, Inc.
EAST HOBBS JUNCTION	DATA COLLECTED : JAN 24, 2011
LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E	PROJECT NO : 114-6400787 MODIFIED BY : GWP DATE MODIFIED : 03/29/2011
	ACAD File : EHL.GW.Jan11.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

ANALYTICAL DATA

Well Number	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (Total) (µg/L)	Total Volatile Petroleum Hydrocarbons (TPH-GRO) (mg/L)	Total Extractable Petroleum Hydrocarbons (TPH-DRO) (mg/L)
-------------	-------------	----------------	----------------	---------------------	------------------------	--	---

µg/L = micrograms per liter
mg/L = milligrams per liter

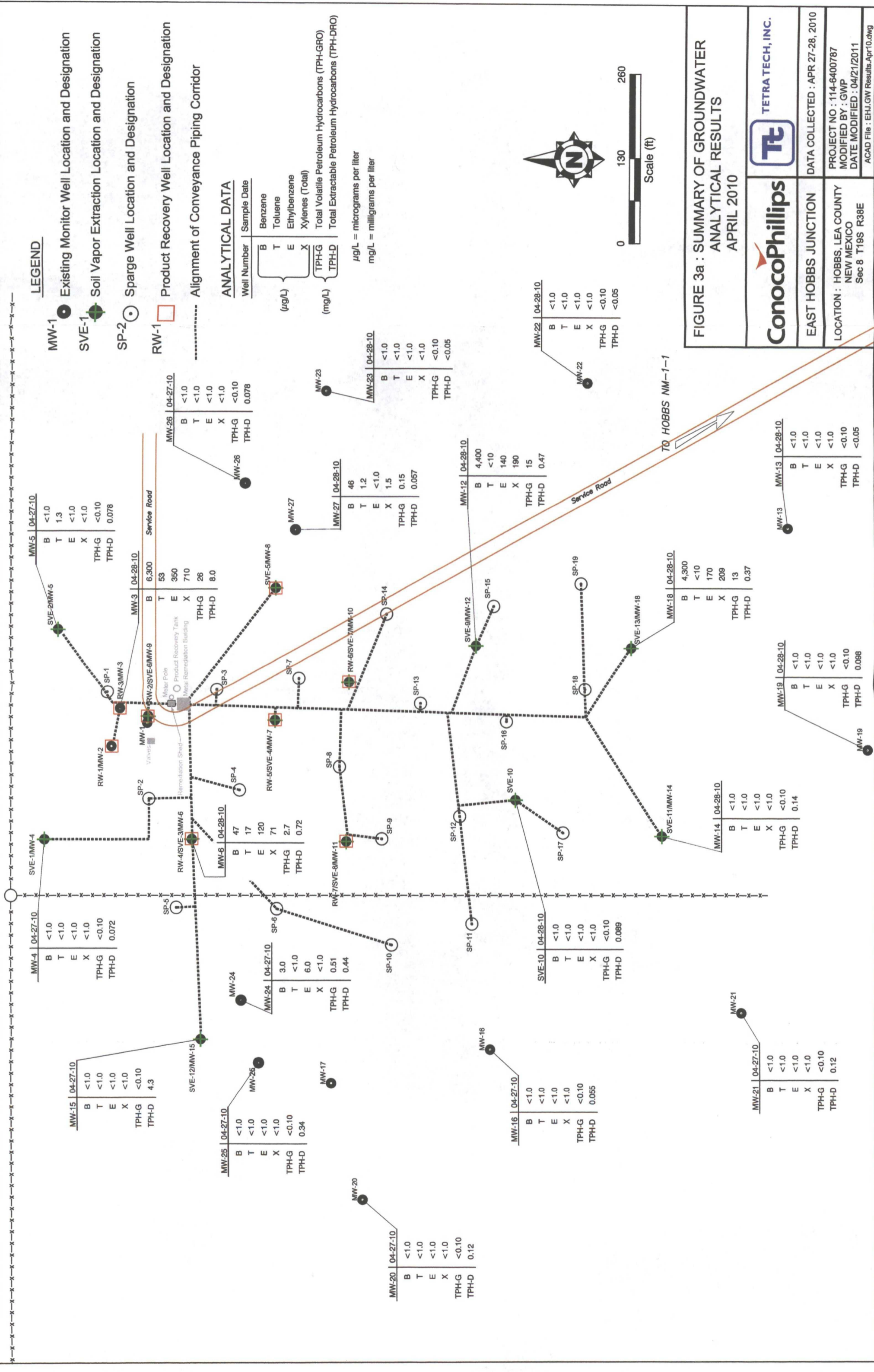


FIGURE 3a : SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
APRIL 2010

		TETRA TECH, INC.
		DATA COLLECTED : APR 27-28, 2010 PROJECT NO : 114-6400787 MODIFIED BY : GWP DATE MODIFIED : 04/21/2011 ACAD File : EHJ.GW Results.Apr10.dwg
EAST HOBBS JUNCTION		LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E

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	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Total Volatile Petroleum Hydrocarbons (TPH-GRO)	Total Extractable Petroleum Hydrocarbons (TPH-DRO)
		(µg/L)					
						(mg/L)	

µg/L = micrograms per liter
mg/L = milligrams per liter

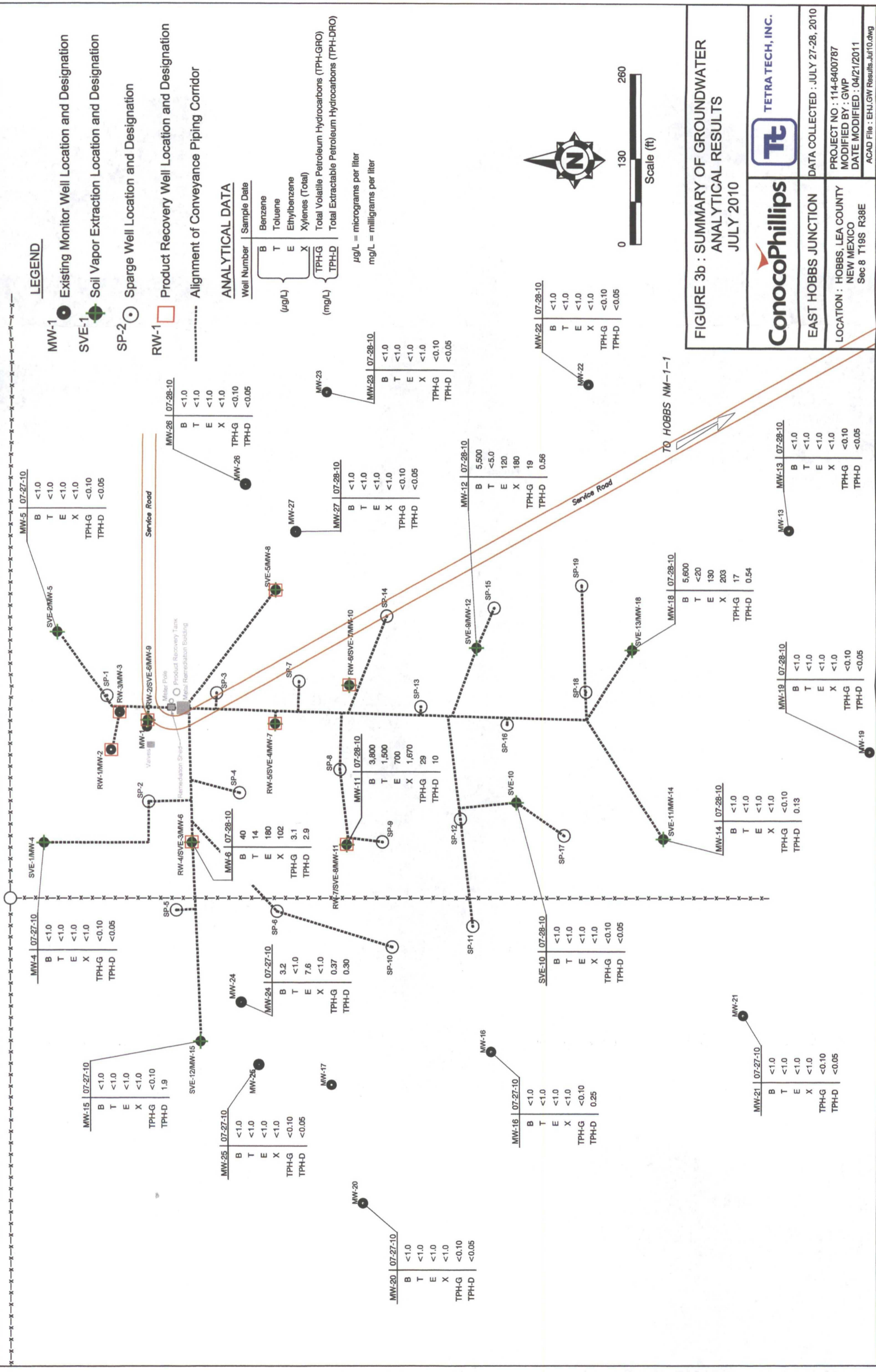


FIGURE 3b : SUMMARY OF GROUNDWATER ANALYTICAL RESULTS JULY 2010

		DATA COLLECTED : JULY 27-28, 2010
		PROJECT NO : 114-6400787 MODIFIED BY : GWP DATE MODIFIED : 04/21/2011 ACAD File : EHJ.GW Results.Jul10.dwg
EAST HOBBS JUNCTION		LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E

MW-15 | 07-27-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	1.9

MW-4 | 07-27-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

MW-6 | 07-28-10

B	40
T	14
E	180
X	102
TPH-G	3.1
TPH-D	2.9

MW-5 | 07-27-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

MW-26 | 07-28-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

MW-23 | 07-28-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

MW-22 | 07-28-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

MW-25 | 07-27-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

MW-24 | 07-27-10

B	3.2
T	<1.0
E	7.6
X	<1.0
TPH-G	0.37
TPH-D	0.30

MW-11 | 07-28-10

B	3,800
T	1,500
E	700
X	1,670
TPH-G	29
TPH-D	10

MW-12 | 07-28-10

B	5,500
T	<5.0
E	120
X	180
TPH-G	19
TPH-D	0.56

MW-13 | 07-28-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

MW-18 | 07-28-10

B	5,600
T	<20
E	130
X	203
TPH-G	17
TPH-D	0.54

MW-19 | 07-28-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

MW-20 | 07-27-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

MW-16 | 07-27-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	0.25

MW-17

MW-21 | 07-27-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

MW-27

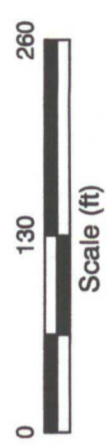
MW-27

MW-27

MW-27

MW-27

MW-27



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

µg/L = micrograms per liter
mg/L = milligrams per liter

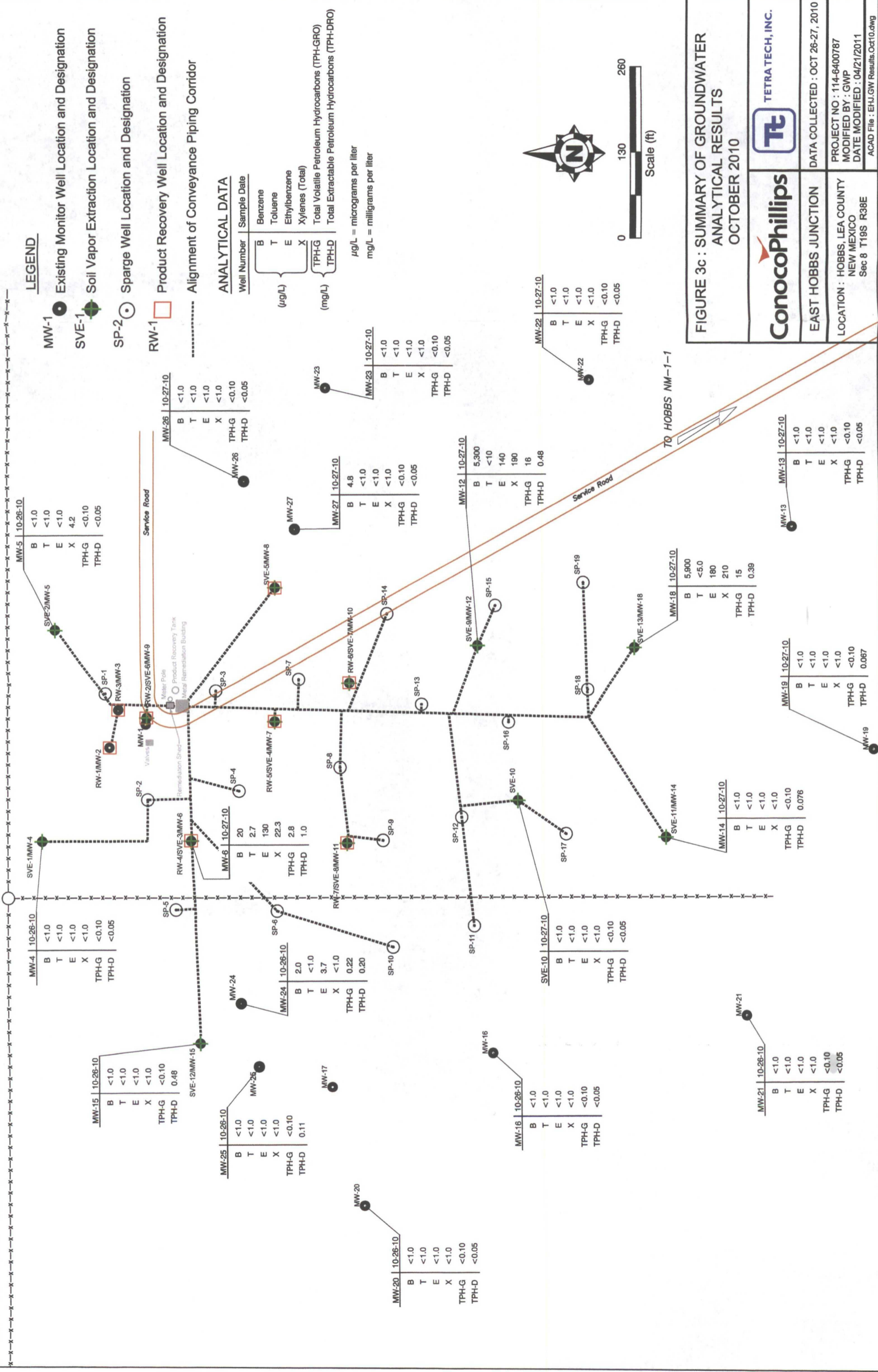


FIGURE 3c : SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
OCTOBER 2010

ConocoPhillips **Tetra Tech, Inc.**

EAST HOBBS JUNCTION

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

DATA COLLECTED : OCT 26-27, 2010

PROJECT NO : 114-6400787

MODIFIED BY : GWP

DATE MODIFIED : 04/21/2011

ACAD File : EHJ.GW Results.Oct10.dwg

MW-15 | 10-26-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	0.48

MW-4 | 10-26-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

MW-6 | 10-27-10

B	20
T	2.7
E	130
X	22.3
TPH-G	2.8
TPH-D	1.0

MW-5 | 10-26-10

B	<1.0
T	<1.0
E	<1.0
X	4.2
TPH-G	<0.10
TPH-D	<0.05

MW-26 | 10-27-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

MW-27 | 10-27-10

B	4.8
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

MW-23 | 10-27-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

MW-22 | 10-27-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

MW-12 | 10-27-10

B	5,300
T	<1.0
E	140
X	190
TPH-G	16
TPH-D	0.48

MW-13 | 10-27-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

MW-19 | 10-27-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	0.067

MW-18 | 10-27-10

B	5,900
T	<5.0
E	180
X	210
TPH-G	15
TPH-D	0.39

MW-14 | 10-27-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	0.076

MW-10 | 10-27-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

MW-24 | 10-26-10

B	2.0
T	<1.0
E	3.7
X	<1.0
TPH-G	0.22
TPH-D	0.20

MW-25 | 10-26-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	0.11

MW-20 | 10-26-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

MW-16 | 10-26-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

MW-21 | 10-26-10

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.05

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

µg/L = micrograms per liter
mg/L = milligrams per liter



FIGURE 3d : SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
JANUARY 2011

ConocoPhillips

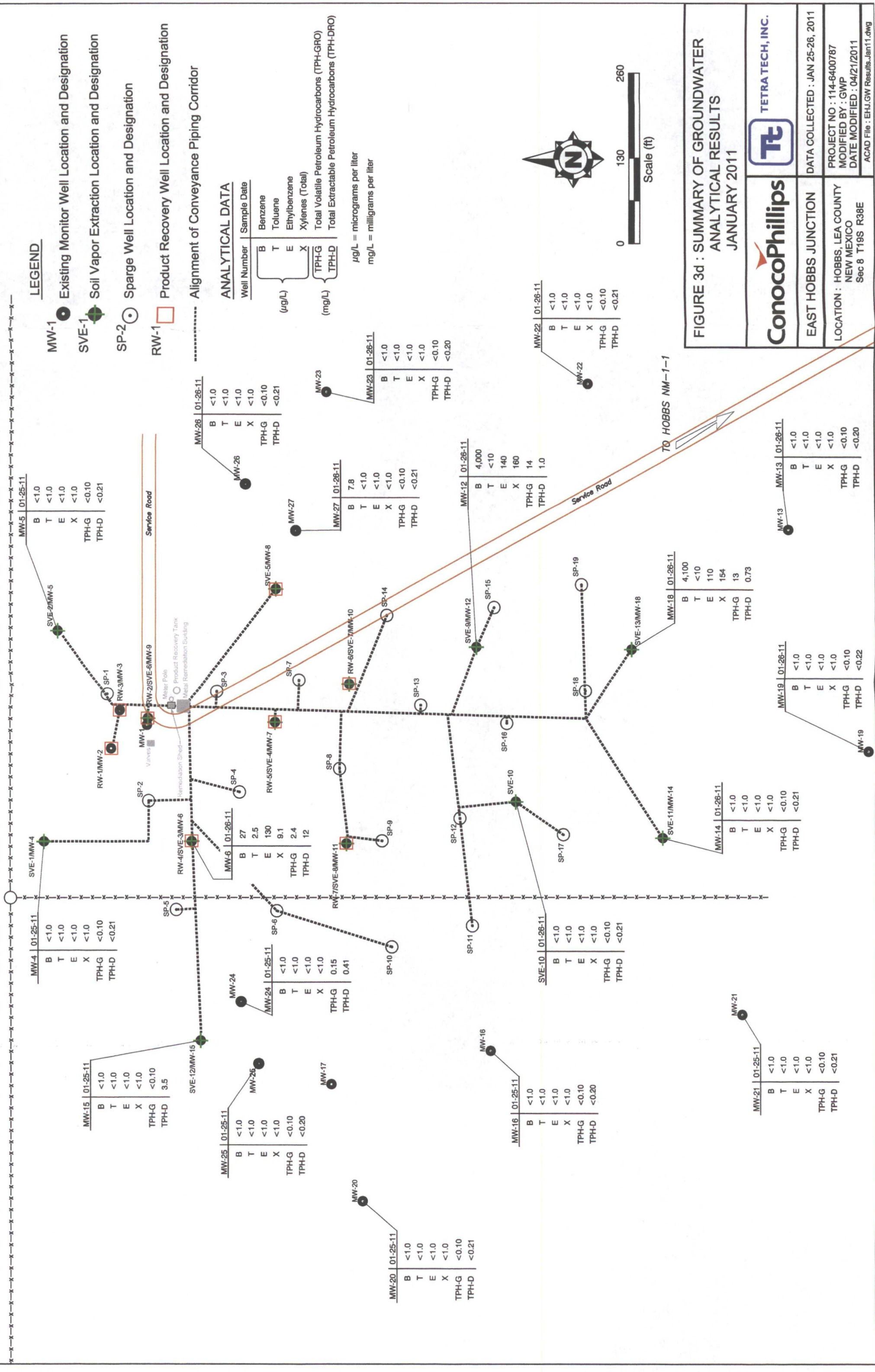
TETRA TECH, INC.

EAST HOBBS JUNCTION

DATA COLLECTED : JAN 25-26, 2011PROJECT NO : 114-6400787
MODIFIED BY : GWP
DATE MODIFIED : 04/21/2011

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

ACAD File : EHG.GW Results.Jan11.dwg



MW-5 | 01-25-11

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.21

MW-4 | 01-25-11

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.21

MW-15 | 01-25-11

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	3.5

MW-25 | 01-25-11

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.20

MW-24 | 01-25-11

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	0.15
TPH-D	0.41

MW-20 | 01-25-11

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.21

MW-16 | 01-25-11

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.20

SVE-10 | 01-26-11

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.21

MW-14 | 01-26-11

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.21

MW-19 | 01-26-11

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.22

MW-13 | 01-26-11

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.20

MW-12 | 01-26-11

B	4,000
T	<10
E	140
X	160
TPH-G	14
TPH-D	1.0

MW-27 | 01-26-11

B	7.8
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.21

MW-23 | 01-26-11

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.20

MW-26 | 01-26-11

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.21

MW-22 | 01-26-11

B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.21

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
- (1.24) LPH Thickness (feet)
- 1 - LPH Thickness Contour

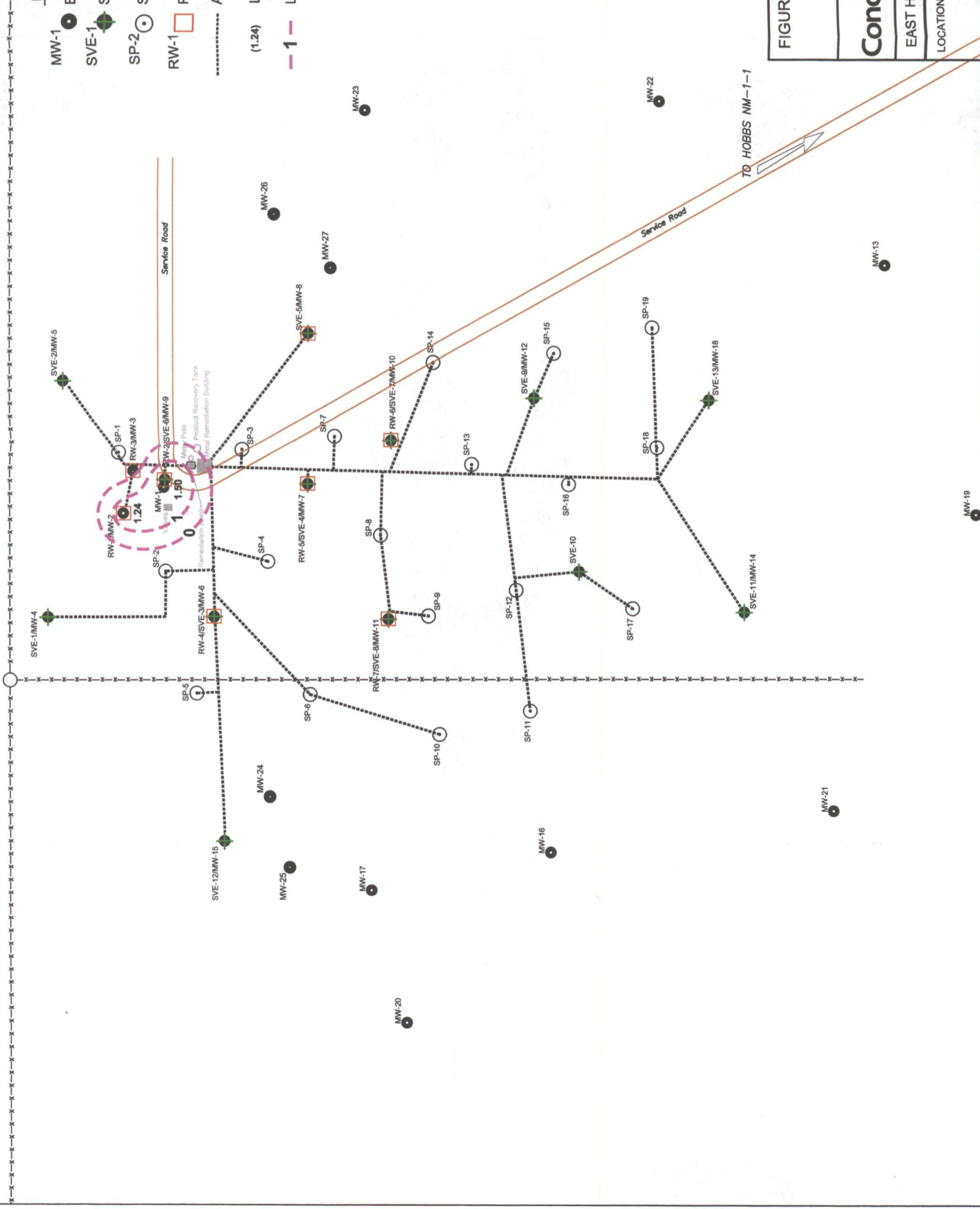


FIGURE 4a : LIQUID PHASE HYDROCARBON (LPH) THICKNESS CONTOUR MAP
 APRIL 2010

	EAST HOBBS JUNCTION	DATA COLLECTED : APRIL 26, 2010	PROJECT NO : 114-6400787 MODIFIED BY : GWP DATE MODIFIED : 03/30/2011 ACAD File : EHLPH Apr10.dwg
LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E			

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
- (1.09) LPH Thickness (feet)
- 1- LPH Thickness Contour

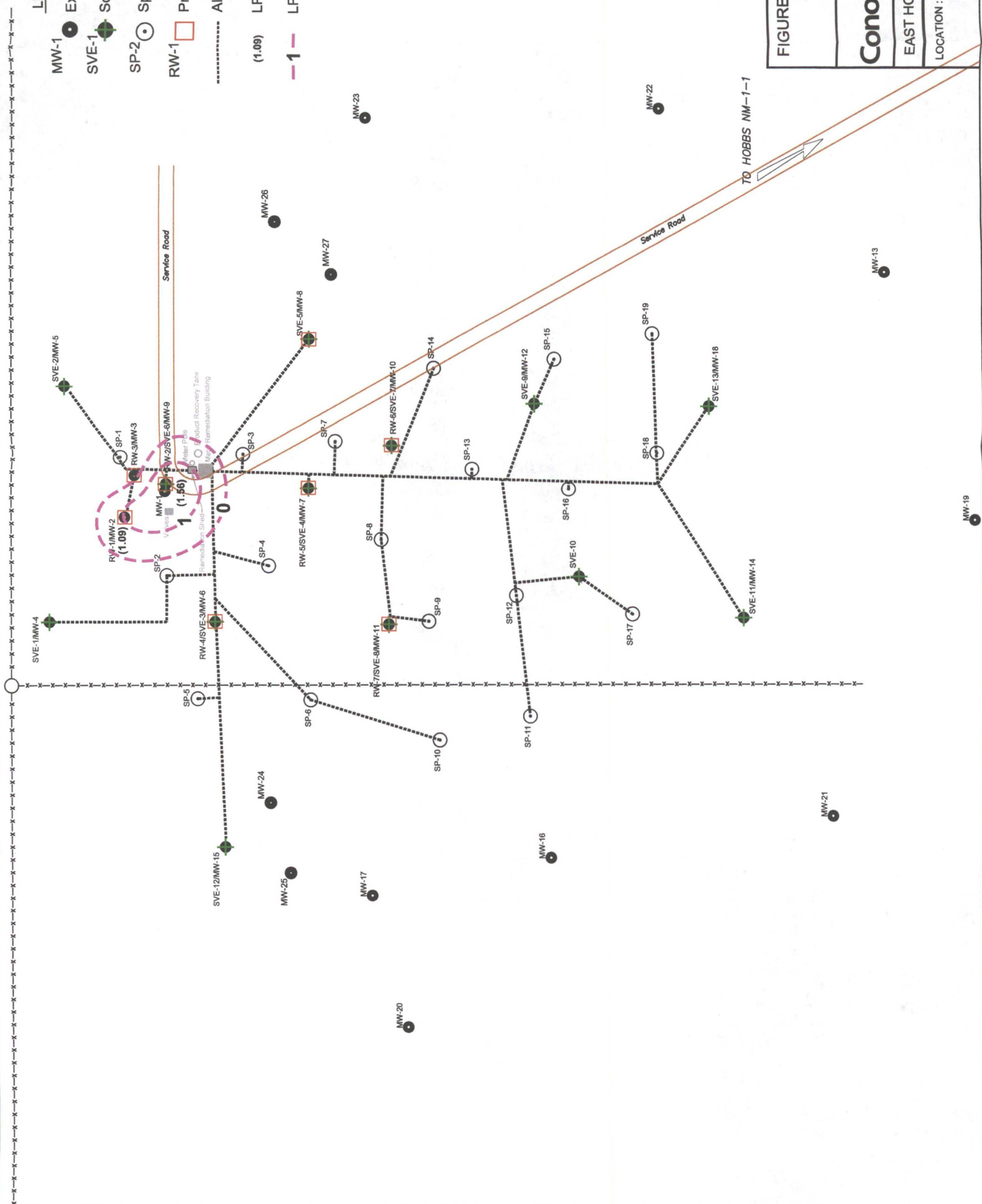


FIGURE 4b : LIQUID PHASE HYDROCARBON (LPH) THICKNESS CONTOUR MAP
JULY 2010

	TETRA TECH, INC.	
	EAST HOBBS JUNCTION	DATA COLLECTED : JULY 26, 2010
LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E	PROJECT NO : 114-6400787 MODIFIED BY : GWP DATE MODIFIED : 03/30/2011	ACAD File : EHU.LPH Jul10.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
- (0.01) LPH Thickness (feet)
- 0.05--- LPH Thickness Contour

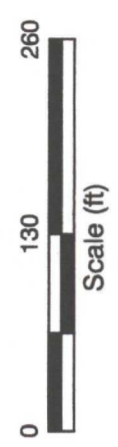
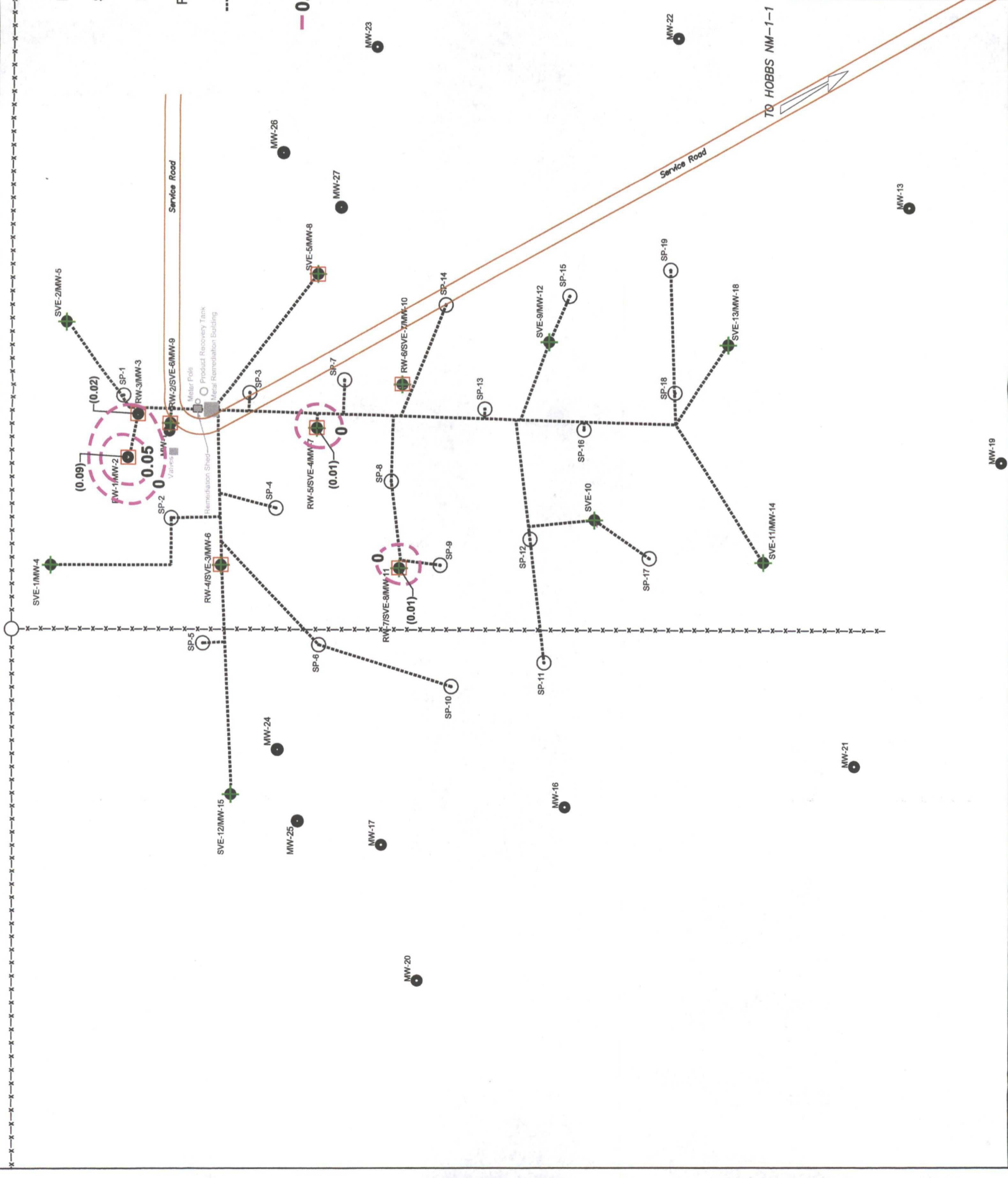


FIGURE 4c : LIQUID PHASE HYDROCARBON (LPH) THICKNESS CONTOUR MAP
OCTOBER 2010

ConocoPhillips	Tetra Tech, Inc.
EAST HOBBS JUNCTION	DATA COLLECTED : OCT 25, 2010
LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E	PROJECT NO : 114-6400787 MODIFIED BY : GWPF DATE MODIFIED : 03/30/2011 ACAD File : EHL1PH Oct10.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
- (1.28) LPH Thickness (feet)
- 1- LPH Thickness Contour

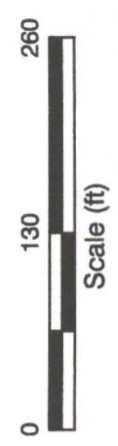


FIGURE 4d : LIQUID PHASE HYDROCARBON (LPH) THICKNESS CONTOUR MAP
 JANUARY 2011



EAST HOBBS JUNCTION	DATA COLLECTED : JAN 24, 2011
LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E	PROJECT NO : 114-6400787 MODIFIED BY : GWP DATE MODIFIED : 03/24/2011 ACAD File : EHU.LPH.Jan11.dwg

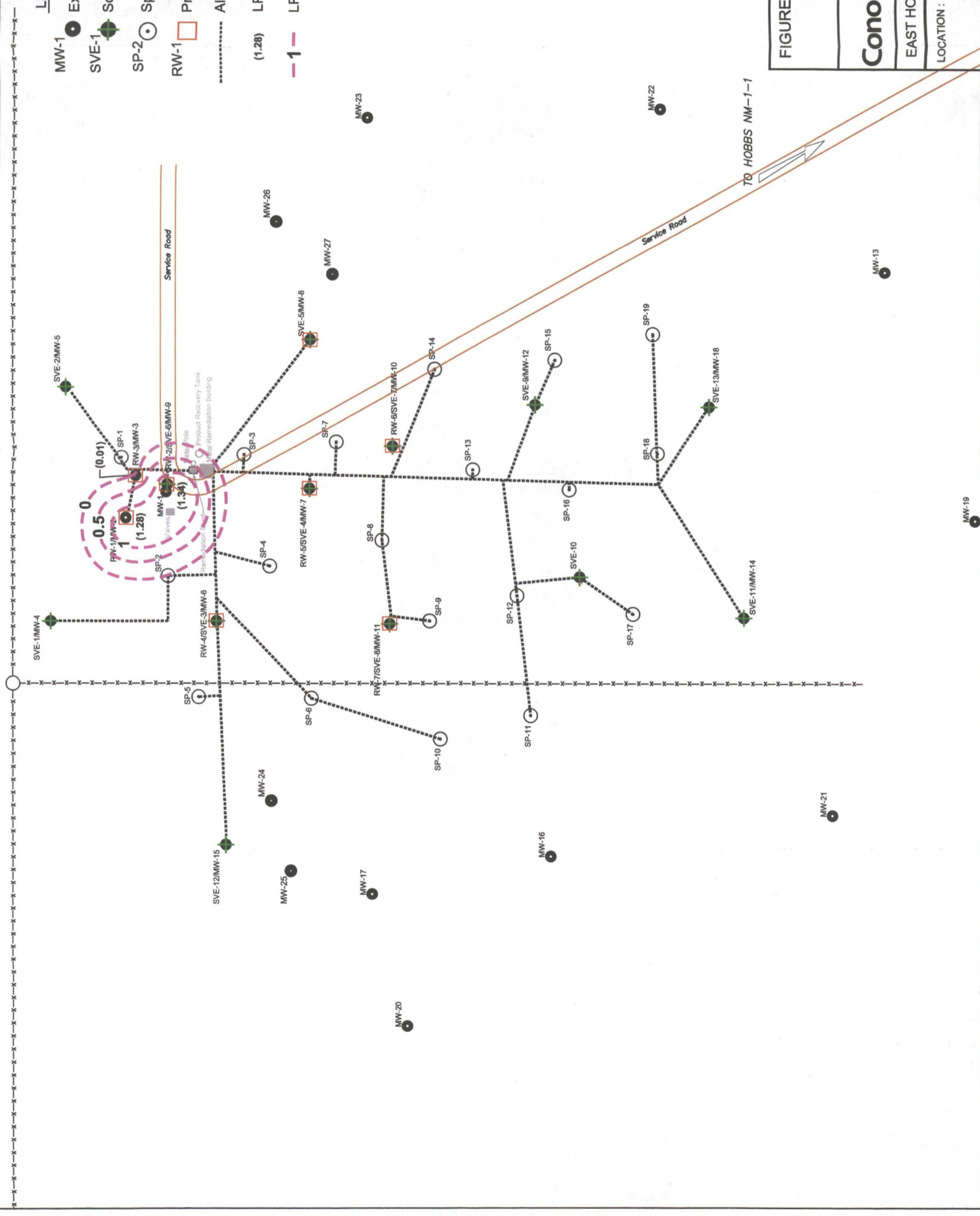
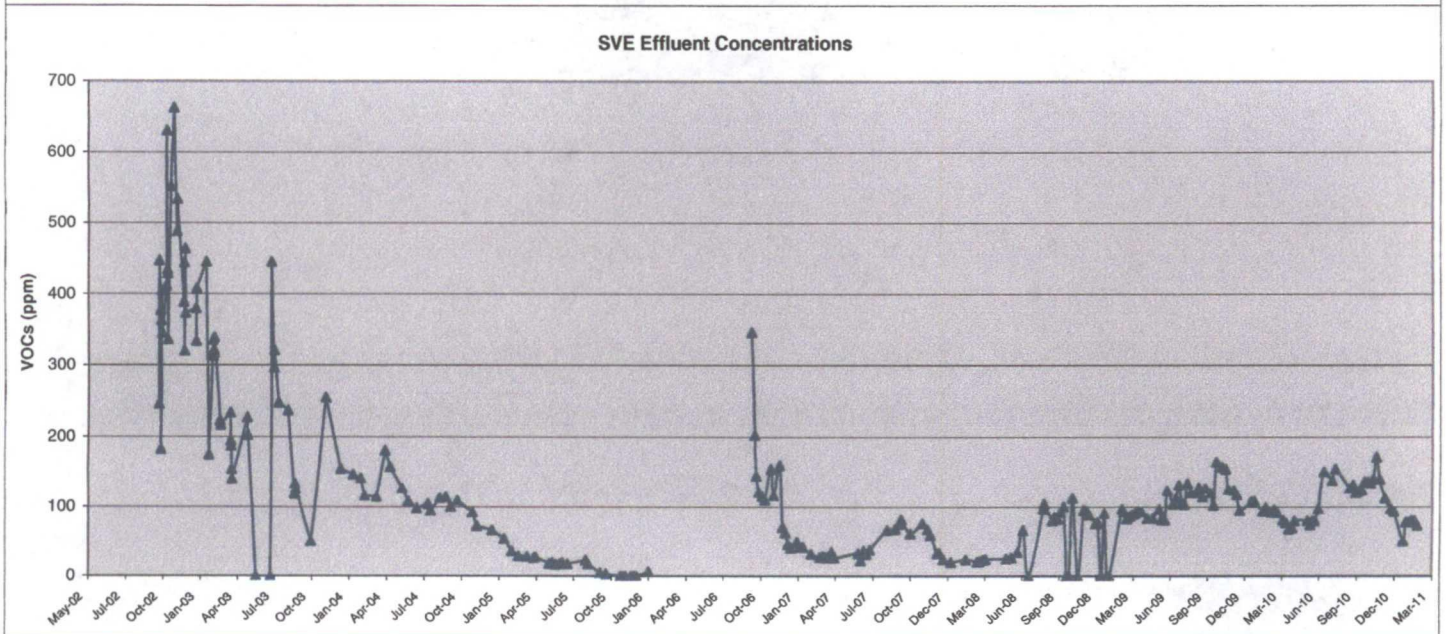
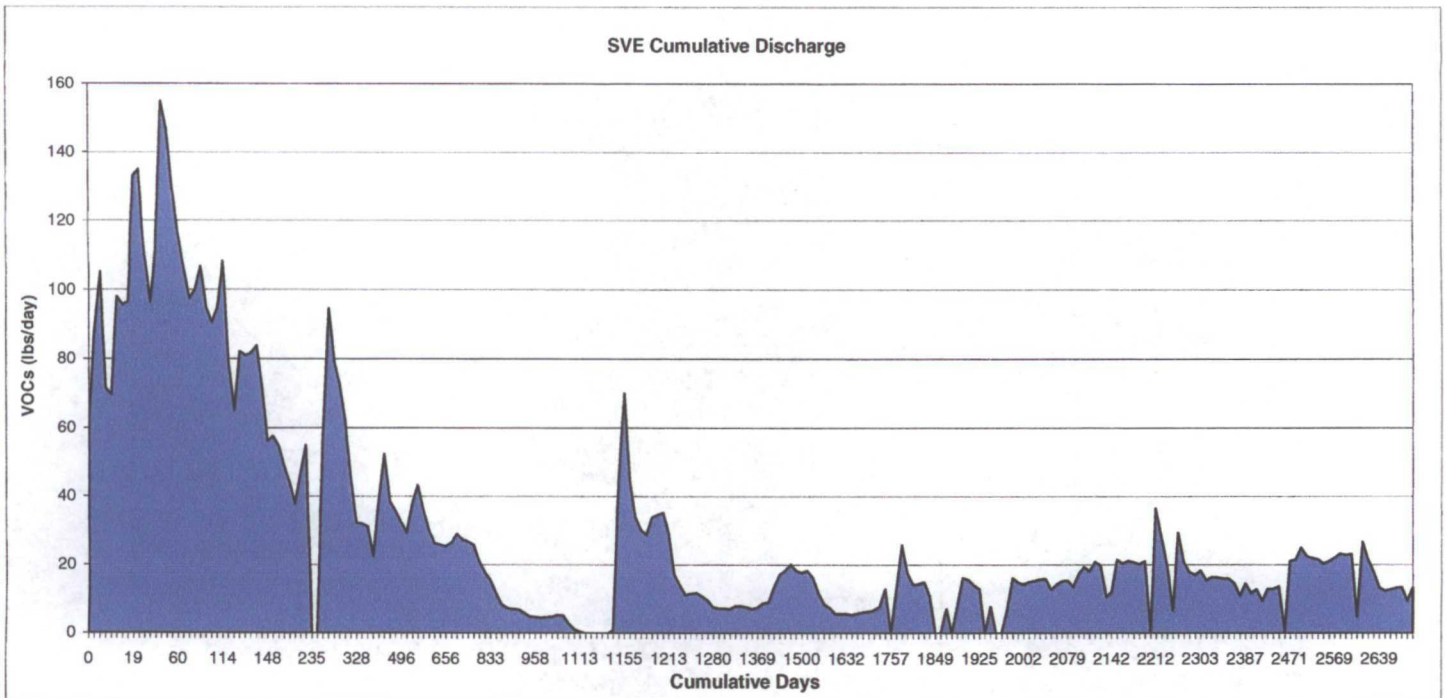


Figure 5
VOC Emissions Data
 ConocoPhillips - East Hobbs Junction
 Hobbs, New Mexico



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 4	SVE Field Data
Table 5	Dissolved Oxygen Field 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	
04/20/09	3606.45	27.49	27.48	0.01	0.01	27.48	3579.97	
07/27/09	3606.45	27.78		0.00	0.00	27.78	3578.67	
10/26/09	3606.45	27.95		0.00	0.00	27.95	3578.50	
01/25/10	3606.45	28.16		0.00	0.00	28.16	3578.29	
04/26/10	3606.45	29.34	28.10	1.24	0.99	28.35	3578.10	
07/26/10	3606.45	28.95	27.86	1.09	0.87	28.08	3578.37	
10/25/10	3606.45	27.87	27.78	0.09	0.07	27.80	3578.65	
01/24/11	3606.45	29.60	28.32	1.28	1.02	28.58	3577.87	
03/01/11	3606.45	29.88		0.00	0.00	29.88	3576.57	

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)	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
	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	
04/20/09	3606.33	27.00	26.99	0.01	0.01	26.99	3579.34	
07/27/09	3606.33	27.29		0.00	0.00	27.29	3579.04	
10/26/09	3606.33	27.45		0.00	0.00	27.45	3578.88	
01/25/10	3606.33	27.58		0.00	0.00	27.58	3578.75	
04/26/10	3606.33	27.89		0.00	0.00	27.89	3578.44	
07/26/10	3606.33	27.63		0.00	0.00	27.63	3578.70	
10/25/10	3606.33	27.45	27.43	0.02	0.02	27.43	3578.90	
01/24/11	3606.33	28.09	28.08	0.01	0.01	28.08	3578.25	
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

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-4 (SVE-1) cont.	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
	04/20/09	3606.37	27.50		0.00	0.00	27.50	3578.87
07/27/09	3606.37	27.80		0.00	0.00	27.80	3578.57	
10/26/09	3606.37	27.94		0.00	0.00	27.94	3578.43	
01/25/10	3606.37	28.12		0.00	0.00	28.12	3578.25	
04/26/10	3606.37	28.39		0.00	0.00	28.39	3577.98	
07/26/10	3606.37	28.12		0.00	0.00	28.12	3578.25	
10/25/10	3606.37	28.02		0.00	0.00	28.02	3578.35	
01/24/11	3606.37	28.32		0.00	0.00	28.32	3578.05	
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	

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) cont.	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	26.23		0.00	0.00	26.23	3578.67
	04/20/09	3604.90	26.59		0.00	0.00	26.59	3578.31
07/27/09	3604.90	26.78		0.00	0.00	26.78	3578.12	
10/26/09	3604.90	26.92		0.00	0.00	26.92	3577.98	
01/25/10	3604.90	27.22		0.00	0.00	27.22	3577.68	
04/26/10	3604.90	27.45		0.00	0.00	27.45	3577.45	
07/26/10	3604.90	27.21		0.00	0.00	27.21	3577.69	
10/25/10	3604.90	26.89		0.00	0.00	26.89	3578.01	
01/24/11	3604.90	27.34		0.00	0.00	27.34	3577.56	
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
	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	

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.	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
	04/20/09	3606.17	27.20		0.00	0.00	27.20	3578.97
	07/27/09	3606.17	27.50		0.00	0.00	27.50	3578.67
	10/26/09	3606.17	27.64		0.00	0.00	27.64	3578.53
	01/25/10	3606.17	27.85		0.00	0.00	27.85	3578.32
	04/26/10	3606.17	28.08		0.00	0.00	28.08	3578.09
	07/26/10	3606.17	27.83		0.00	0.00	27.83	3578.34
	10/25/10	3606.17	27.64		0.00	0.00	27.64	3578.53
01/24/11	3606.17	28.27		0.00	0.00	28.27	3577.90	
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	

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.	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
	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	

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.	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
	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
	03/09/09	3605.50	27.45		0.00	0.00	27.45	3578.05
	03/16/09	3605.50	27.46		0.00	0.00	27.46	3578.04
	03/24/09	3605.50	27.50		0.00	0.00	27.50	3578.00
	03/30/09	3605.50	27.46		0.00	0.00	27.46	3578.04
	04/06/09	3605.50	27.50		0.00	0.00	27.50	3578.00
	04/14/09	3605.50	27.48		0.00	0.00	27.48	3578.02
	04/20/09	3605.50	27.29	27.28	0.01	0.01	27.28	3578.22
	04/28/09	3605.50	27.50		0.00	0.00	27.50	3578.00
	05/11/09	3605.50	27.54		0.00	0.00	27.54	3577.96
	05/26/09	3605.50	27.56		0.00	0.00	27.56	3577.94
06/01/09	3605.50	27.60		0.00	0.00	27.60	3577.90	
06/09/09	3605.50	27.58		0.00	0.00	27.58	3577.92	
06/15/09	3605.50	27.65		0.00	0.00	27.65	3577.85	
06/29/09	3605.50	27.63		0.00	0.00	27.63	3577.87	
07/06/09	3605.50	27.68		0.00	0.00	27.68	3577.82	
07/14/09	3605.50	27.71		0.00	0.00	27.71	3577.79	
07/20/09	3605.50	27.55		0.00	0.00	27.55	3577.95	
07/27/09	3605.50	27.60		0.00	0.00	27.60	3577.90	
08/03/09	3605.50	27.79		0.00	0.00	27.79	3577.71	
08/12/09	3605.50	27.79		0.00	0.00	27.79	3577.71	
08/24/09	3605.50	27.79		0.00	0.00	27.79	3577.71	
08/31/09	3605.50	27.80		0.00	0.00	27.80	3577.70	
09/08/09	3605.50	27.75		0.00	0.00	27.75	3577.75	
09/16/09	3605.50	27.80		0.00	0.00	27.80	3577.70	
09/28/09	3605.50	27.78		0.00	0.00	27.78	3577.72	
10/05/09	3605.50	27.82		0.00	0.00	27.82	3577.68	
10/12/09	3605.50	27.85		0.00	0.00	27.85	3577.65	
10/26/09	3605.50	27.73	27.72	0.01	0.01	27.72	3577.78	
11/03/09	3605.50	27.93		0.00	0.00	27.93	3577.57	

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.	11/10/09	3605.50	27.88		0.00	0.00	27.88	3577.62
	11/23/09	3605.50	27.90		0.00	0.00	27.90	3577.60
	11/30/09	3605.50	27.94		0.00	0.00	27.94	3577.56
	12/07/09	3605.50	27.93		0.00	0.00	27.93	3577.57
	12/22/09	3605.50	28.00		0.00	0.00	28.00	3577.50
	01/04/10	3605.50	28.00		0.00	0.00	28.00	3577.50
	01/11/10	3605.50	28.05		0.00	0.00	28.05	3577.45
	01/18/10	3605.50	28.02		0.00	0.00	28.02	3577.48
	01/25/10	3605.50	27.95		0.00	0.00	27.95	3577.55
	02/01/10	3605.50	28.06		0.00	0.00	28.06	3577.44
	02/08/10	3605.50	28.10		0.00	0.00	28.10	3577.40
	02/22/10	3605.50	28.09		0.00	0.00	28.09	3577.41
	03/01/10	3605.50	28.19		0.00	0.00	28.19	3577.31
	03/08/10	3605.50	28.25		0.00	0.00	28.25	3577.25
	03/22/10	3605.50	28.29		0.00	0.00	28.29	3577.21
	03/29/10	3605.50	28.30		0.00	0.00	28.30	3577.20
	04/05/10	3605.50	28.34		0.00	0.00	28.34	3577.16
	04/13/10	3605.50	28.32		0.00	0.00	28.32	3577.18
	04/19/10	3605.50	28.38		0.00	0.00	28.38	3577.12
	04/26/10	3605.50	28.18		0.00	0.00	28.18	3577.32
	05/03/10	3605.50	28.41		0.00	0.00	28.41	3577.09
	05/14/10	3605.50	28.46		0.00	0.00	28.46	3577.04
	05/20/11	3605.50	28.43		0.00	0.00	28.43	3577.07
	05/27/10	3605.50	28.44		0.00	0.00	28.44	3577.06
	06/01/10	3605.50	28.47		0.00	0.00	28.47	3577.03
	06/07/10	3605.50	28.49		0.00	0.00	28.49	3577.01
	06/15/10	3605.50	28.53		0.00	0.00	28.53	3576.97
	06/28/10	3605.50	28.50		0.00	0.00	28.50	3577.00
	07/06/10	3605.50	28.50		0.00	0.00	28.50	3577.00
	07/13/10	3605.50	28.33		0.00	0.00	28.33	3577.17
	07/19/10	3605.50	28.28		0.00	0.00	28.28	3577.22
	07/26/10	3605.50	27.91		0.00	0.00	27.91	3577.59
	08/09/10	3605.50	28.11		0.00	0.00	28.11	3577.39
	08/16/10	3605.50	28.07		0.00	0.00	28.07	3577.43
	08/30/10	3605.50	28.04		0.00	0.00	28.04	3577.46
	09/07/10	3605.50	27.99		0.00	0.00	27.99	3577.51
	09/13/10	3605.50	28.00		0.00	0.00	28.00	3577.50
	09/20/10	3605.50	27.95		0.00	0.00	27.95	3577.55
	09/27/10	3605.50	27.99		0.00	0.00	27.99	3577.51
	10/04/10	3605.50	27.95		0.00	0.00	27.95	3577.55
	10/12/10	3605.50	27.99		0.00	0.00	27.99	3577.51
	10/19/10	3605.50	27.96		0.00	0.00	27.96	3577.54
	10/25/10	3605.50	27.71		27.70	0.01	0.01	27.70
11/01/10	3605.50	28.03		0.00	0.00	0.00	28.03	3577.47
11/09/10	3605.50	28.03		0.00	0.00	0.00	28.03	3577.47
11/22/10	3605.50	28.05		0.00	0.00	0.00	28.05	3577.45
12/06/10	3605.50	28.13		0.00	0.00	0.00	28.13	3577.37
12/13/10	3605.50	28.11		0.00	0.00	0.00	28.11	3577.39
01/04/11	3605.50	28.29		0.00	0.00	0.00	28.29	3577.21
01/10/11	3605.50	28.24		0.00	0.00	0.00	28.24	3577.26
01/17/11	3605.50	28.28		0.00	0.00	0.00	28.28	3577.22
01/24/11	3605.50	28.36		28.36	0.00	0.00	28.36	3577.14
01/31/11	3605.50	28.32		0.00	0.00	0.00	28.32	3577.18
02/07/11	3605.50	28.37		0.00	0.00	0.00	28.37	3577.13
02/14/11	3605.50	28.46		0.00	0.00	0.00	28.46	3577.04
03/01/11	3605.50	28.56		0.00	0.00	0.00	28.56	3576.94
03/07/11	3605.50	28.55		0.00	0.00	0.00	28.55	3576.95
03/21/11	3605.50	28.53		0.00	0.00	0.00	28.53	3576.97
03/28/11	3605.50	28.60		0.00	0.00	0.00	28.60	3576.90

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)	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	
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	

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.	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	
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	

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.	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	26.18		0.00	0.00	26.18	3578.74
	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
	03/09/09	3604.92	26.78		0.00	0.00	26.78	3578.14
	03/16/09	3604.92	26.80	26.79	0.01	0.01	26.79	3578.13
	03/24/09	3604.92	26.82		0.00	0.00	26.82	3578.10
	03/30/09	3604.92	26.78		0.00	0.00	26.78	3578.14
	04/06/09	3604.92	26.84		0.00	0.00	26.84	3578.08
	04/14/09	3604.92	26.79		0.00	0.00	26.79	3578.13
	04/20/09	3604.92	26.62	26.61	0.01	0.01	26.61	3578.31
	04/28/09	3604.92	26.82		0.00	0.00	26.82	3578.10
	05/11/09	3604.92	26.89		0.00	0.00	26.89	3578.03
	05/26/09	3604.92	26.88		0.00	0.00	26.88	3578.04
	06/01/09	3604.92	26.95		0.00	0.00	26.95	3577.97
	06/09/09	3604.92	26.90		0.00	0.00	26.90	3578.02
	06/15/09	3604.92	26.98		0.00	0.00	26.98	3577.94
	06/29/09	3604.92	26.94		0.00	0.00	26.94	3577.98
	07/06/09	3604.92	27.00		0.00	0.00	27.00	3577.92
07/14/09	3604.92	27.07		0.00	0.00	27.07	3577.85	
07/20/09	3604.92	26.99		0.00	0.00	26.99	3577.93	
07/27/09	3604.92	26.95		0.00	0.00	26.95	3577.97	
08/03/09	3604.92	27.08		0.00	0.00	27.08	3577.84	
08/12/09	3604.92	27.15		0.00	0.00	27.15	3577.77	
08/24/09	3604.92	27.08		0.00	0.00	27.08	3577.84	
08/31/09	3604.92	27.14		0.00	0.00	27.14	3577.78	
09/08/09	3604.92	27.06		0.00	0.00	27.06	3577.86	
09/16/09	3604.92	27.13		0.00	0.00	27.13	3577.79	
09/28/09	3604.92	27.03		0.00	0.00	27.03	3577.89	
10/05/09	3604.92	27.15		0.00	0.00	27.15	3577.77	
10/12/09	3604.92	27.10		0.00	0.00	27.10	3577.82	
10/26/09	3604.92	27.05		0.00	0.00	27.05	3577.87	
11/03/09	3604.92	27.08		0.00	0.00	27.08	3577.84	
11/10/09	3604.92	27.19		0.00	0.00	27.19	3577.73	
11/23/09	3604.92	27.15		0.00	0.00	27.15	3577.77	
11/30/09	3604.92	27.26		0.00	0.00	27.26	3577.66	

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.	12/07/09	3604.92	27.32		0.00	0.00	27.32	3577.60
	12/22/09	3604.92	27.35		0.00	0.00	27.35	3577.57
	01/04/10	3604.92	27.31		0.00	0.00	27.31	3577.61
	01/11/10	3604.92	27.39		0.00	0.00	27.39	3577.53
	01/18/10	3604.92	27.26		0.00	0.00	27.26	3577.66
	01/25/10	3604.92	27.30		0.00	0.00	27.30	3577.62
	02/01/10	3604.92	27.35		0.00	0.00	27.35	3577.57
	02/08/10	3604.92	27.39		0.00	0.00	27.39	3577.53
	02/22/10	3604.92	27.53		0.00	0.00	27.53	3577.39
	03/01/10	3604.92	27.19		0.00	0.00	27.19	3577.73
	03/08/10	3604.92	27.56		0.00	0.00	27.56	3577.36
	03/22/10	3604.92	27.80		0.00	0.00	27.80	3577.12
	03/29/10	3604.92	27.51		0.00	0.00	27.51	3577.41
	04/05/10	3604.92	27.64		0.00	0.00	27.64	3577.28
	04/13/10	3604.92	27.51		0.00	0.00	27.51	3577.41
	04/19/10	3604.92	27.68		0.00	0.00	27.68	3577.24
	04/26/10	3604.92	27.49		0.00	0.00	27.49	3577.43
	05/03/10	3604.92	27.75		0.00	0.00	27.75	3577.17
	05/14/10	3604.92	27.78		0.00	0.00	27.78	3577.14
	05/20/10	3604.92	27.75		0.00	0.00	27.75	3577.17
	05/27/10	3604.92	27.55		0.00	0.00	27.55	3577.37
	06/01/10	3604.92	27.78		0.00	0.00	27.78	3577.14
	06/07/10	3604.92	27.72		0.00	0.00	27.72	3577.20
	06/15/10	3604.92	27.85		0.00	0.00	27.85	3577.07
	06/28/10	3604.92	27.75		0.00	0.00	27.75	3577.17
	07/06/10	3604.92	27.73		0.00	0.00	27.73	3577.19
	07/13/10	3604.92	27.63		0.00	0.00	27.63	3577.29
	07/19/10	3604.92	27.64		0.00	0.00	27.64	3577.28
	07/26/10	3604.92	27.27		0.00	0.00	27.27	3577.65
	08/09/10	3604.92	27.45		0.00	0.00	27.45	3577.47
	08/16/10	3604.92	27.38		0.00	0.00	27.38	3577.54
	08/30/10	3604.92	27.35		0.00	0.00	27.35	3577.57
	09/07/10	3604.92	27.27		0.00	0.00	27.27	3577.65
	09/13/10	3604.92	27.31		0.00	0.00	27.31	3577.61
	09/20/10	3604.92	27.21		0.00	0.00	27.21	3577.71
	09/27/10	3604.92	27.29		0.00	0.00	27.29	3577.63
	10/04/10	3604.92	27.21		0.00	0.00	27.21	3577.71
	10/12/10	3604.92	27.29		0.00	0.00	27.29	3577.63
	10/19/10	3604.92	27.22		0.00	0.00	27.22	3577.70
	10/25/10	3604.92	26.98	26.98	0.00	0.00	26.98	3577.94
11/01/10	3604.92	27.22		0.00	0.00	27.22	3577.70	
11/09/10	3604.92	27.31		0.00	0.00	27.31	3577.61	
11/22/10	3604.92	27.30		0.00	0.00	27.30	3577.62	
12/06/10	3604.92	27.41		0.00	0.00	27.41	3577.51	
12/13/10	3604.92	27.34		0.00	0.00	27.34	3577.58	
01/04/11	3604.92	27.54		0.00	0.00	27.54	3577.38	
01/10/11	3604.92	27.44		0.00	0.00	27.44	3577.48	
01/17/11	3604.92	27.49		0.00	0.00	27.49	3577.43	
01/24/11	3604.92	27.67		0.00	0.00	27.67	3577.25	
01/31/11	3604.92	27.56		0.00	0.00	27.56	3577.36	
02/07/11	3604.92	27.62		0.00	0.00	27.62	3577.30	
02/14/11	3604.92	27.77		0.00	0.00	27.77	3577.15	
03/01/11	3604.92	27.75		0.00	0.00	27.75	3577.17	
03/07/11	3604.92	27.87		0.00	0.00	27.87	3577.05	
03/21/11	3604.92	27.79		0.00	0.00	27.79	3577.13	
03/28/11	3604.92	27.92		0.00	0.00	27.92	3577.00	

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)	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
	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	
04/20/09	3605.75	28.36		0.00	0.00	28.36	3577.39	
07/27/09	3605.75	28.62		0.00	0.00	28.62	3577.13	
10/26/09	3605.75	28.77	28.76	0.01	0.01	28.76	3576.99	
01/25/10	3605.75	30.03	28.75	1.28	1.02	29.01	3576.74	
04/26/10	3605.75	30.41	28.91	1.50	1.20	29.21	3576.54	
07/26/10	3605.75	30.12	28.56	1.56	1.25	28.87	3576.88	
10/25/10	3605.75	28.57	28.57	0.00	0.00	28.57	3577.18	
01/24/11	3605.75	30.52	29.18	1.34	1.07	29.45	3576.30	
03/01/11	3605.75	30.67		0.00	0.00	30.67	3575.08	
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	

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.	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
	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	

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.	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	
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	

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.	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
	03/09/09	3604.94	26.73		0.00	0.00	26.73	3578.21
	03/16/09	3604.94	26.74		0.00	0.00	26.74	3578.20
	03/24/09	3604.94	26.76		0.00	0.00	26.76	3578.18
	03/30/09	3604.94	26.66		0.00	0.00	26.66	3578.28
	04/06/09	3604.94	26.80		0.00	0.00	26.80	3578.14
	04/14/09	3604.94	26.64		0.00	0.00	26.64	3578.30
	04/20/09	3604.94	26.57	26.56	0.01	0.01	26.56	3578.38
	04/28/09	3604.94	26.68		0.00	0.00	26.68	3578.26
	05/11/09	3604.94	26.81		0.00	0.00	26.81	3578.13
	05/26/09	3604.94	26.73		0.00	0.00	26.73	3578.21
	06/01/09	3604.94	26.86		0.00	0.00	26.86	3578.08
	06/09/09	3604.94	26.70		0.00	0.00	26.70	3578.24
	06/15/09	3604.94	26.90		0.00	0.00	26.90	3578.04
	06/29/09	3604.94	26.78		0.00	0.00	26.78	3578.16
	07/06/09	3604.94	26.80		0.00	0.00	26.80	3578.14
	07/14/09	3604.94	26.98		0.00	0.00	26.98	3577.96
	07/20/09	3604.94	26.84		0.00	0.00	26.84	3578.10
	07/27/09	3604.94	26.87		0.00	0.00	26.87	3578.07
	08/03/09	3604.94	27.02		0.00	0.00	27.02	3577.92
	08/12/09	3604.94	27.05		0.00	0.00	27.05	3577.89
	08/24/09	3604.94	26.95		0.00	0.00	26.95	3577.99
	08/31/09	3604.94	27.05		0.00	0.00	27.05	3577.89
	09/08/09	3604.94	26.92		0.00	0.00	26.92	3578.02
	09/16/09	3604.94	27.04		0.00	0.00	27.04	3577.90
	09/28/09	3604.94	26.88		0.00	0.00	26.88	3578.06
	10/05/09	3604.94	27.07		0.00	0.00	27.07	3577.87
	10/12/09	3604.94	27.06		0.00	0.00	27.06	3577.88
	10/26/09	3604.94	27.00	26.99	0.01	0.01	26.99	3577.95
	11/03/09	3604.94	26.93		0.00	0.00	26.93	3578.01
	11/10/09	3604.94	27.08		0.00	0.00	27.08	3577.86
	11/23/09	3604.94	27.03		0.00	0.00	27.03	3577.91
	11/30/09	3604.94	27.17		0.00	0.00	27.17	3577.77
	12/07/09	3604.94	27.08		0.00	0.00	27.08	3577.86
12/22/09	3604.94	27.24		0.00	0.00	27.24	3577.70	
01/04/10	3604.94	27.14		0.00	0.00	27.14	3577.80	
01/11/10	3604.94	27.30		0.00	0.00	27.30	3577.64	
01/18/10	3604.94	27.12		0.00	0.00	27.12	3577.82	
01/25/10	3604.94	27.21		0.00	0.00	27.21	3577.73	
02/01/10	3604.94	27.29		0.00	0.00	27.29	3577.65	
02/08/10	3604.94	27.25		0.00	0.00	27.25	3577.69	
02/22/10	3604.94	27.44		0.00	0.00	27.44	3577.50	
02/01/10	3604.94	27.34		0.00	0.00	27.34	3577.60	
03/08/10	3604.94	27.46		0.00	0.00	27.46	3577.48	
03/22/10	3604.94	27.50		0.00	0.00	27.50	3577.44	
03/29/10	3604.94	27.35		0.00	0.00	27.35	3577.59	
04/05/10	3604.94	27.53		0.00	0.00	27.53	3577.41	
04/13/10	3604.94	27.36		0.00	0.00	27.36	3577.58	
04/19/10	3604.94	27.57		0.00	0.00	27.57	3577.37	
04/26/10	3604.94	27.39		0.00	0.00	27.39	3577.55	
05/03/10	3604.94	27.72		0.00	0.00	27.72	3577.22	

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.	05/14/10	3604.94	27.75		0.00	0.00	27.75	3577.19
	05/20/10	3604.94	27.62		0.00	0.00	27.62	3577.32
	05/27/10	3604.94	27.23		0.00	0.00	27.23	3577.71
	06/01/10	3604.94	27.67		0.00	0.00	27.67	3577.27
	06/07/10	3604.94	27.57		0.00	0.00	27.57	3577.37
	06/15/10	3604.94	27.81		0.00	0.00	27.81	3577.13
	06/28/10	3604.94	27.60		0.00	0.00	27.60	3577.34
	07/06/10	3604.94	27.45		0.00	0.00	27.45	3577.49
	07/13/10	3604.94	27.41		0.00	0.00	27.41	3577.53
	07/19/10	3604.94	27.49		0.00	0.00	27.49	3577.45
	07/26/10	3604.94	27.15		0.00	0.00	27.15	3577.79
	08/09/10	3604.94	27.32		0.00	0.00	27.32	3577.62
	08/16/10	3604.94	27.23		0.00	0.00	27.23	3577.71
	08/30/10	3604.94	27.24		0.00	0.00	27.24	3577.70
	09/07/10	3604.94	27.13		0.00	0.00	27.13	3577.81
	09/13/10	3604.94	27.19		0.00	0.00	27.19	3577.75
	09/20/10	3604.94	27.07		0.00	0.00	27.07	3577.87
	09/27/10	3604.94	27.18		0.00	0.00	27.18	3577.76
	10/04/10	3604.94	27.09		0.00	0.00	27.09	3577.85
	10/12/10	3604.94	27.20		0.00	0.00	27.20	3577.74
	10/19/10	3604.94	27.09		0.00	0.00	27.09	3577.85
	10/25/10	3604.94	26.92	26.92	0.00	0.00	26.92	3578.02
	11/01/10	3604.94	27.17		0.00	0.00	27.17	3577.77
	11/09/10	3604.94	27.22		0.00	0.00	27.22	3577.72
	11/22/10	3604.94	27.17		0.00	0.00	27.17	3577.77
	12/06/10	3604.94	27.30		0.00	0.00	27.30	3577.64
	12/13/10	3604.94	27.21		0.00	0.00	27.21	3577.73
	01/04/11	3604.94	27.45		0.00	0.00	27.45	3577.49
	01/10/11	3604.94	27.30		0.00	0.00	27.30	3577.64
	01/17/11	3604.94	27.36		0.00	0.00	27.36	3577.58
	01/24/11	3604.94	27.58		0.00	0.00	27.58	3577.36
	01/31/11	3604.94	27.43		0.00	0.00	27.43	3577.51
	02/07/11	3604.94	27.47		0.00	0.00	27.47	3577.47
02/14/11	3604.94	27.66		0.00	0.00	27.66	3577.28	
03/01/11	3604.94	27.79		0.00	0.00	27.79	3577.15	
03/07/11	3604.94	27.75		0.00	0.00	27.75	3577.19	
03/21/11	3604.94	27.66		0.00	0.00	27.66	3577.28	
03/28/11	3604.94	27.80		0.00	0.00	27.80	3577.14	
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	

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-11 (RW-7) cont.	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
	04/20/09	3608.06	30.39	30.38	0.01	0.01	30.38	3577.68
	07/27/09	3608.06	30.64		0.00	0.00	30.64	3577.42
	10/26/09	3608.06	30.77		0.00	0.00	30.77	3577.29
	01/25/10	3608.06	31.00		0.00	0.00	31.00	3577.06
04/26/10	3608.06	31.16		0.00	0.00	31.16	3576.90	
07/26/10	3608.06	30.95		0.00	0.00	30.95	3577.11	
10/25/10	3608.06	30.76		0.00	0.00	30.76	3577.30	
01/24/11	3608.06	31.36		0.00	0.00	31.36	3576.70	
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
	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	

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.	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
	04/20/09	3604.14	26.28		0.00	0.00	26.28	3577.86
	07/27/09	3604.14	26.60		0.00	0.00	26.60	3577.54
	10/26/09	3604.14	26.61		0.00	0.00	26.61	3577.53
	01/25/10	3604.14	26.59		0.00	0.00	26.59	3577.55
	04/26/10	3604.14	27.02		0.00	0.00	27.02	3577.12
	07/26/10	3604.14	26.76		0.00	0.00	26.76	3577.38
	10/25/10	3604.14	26.51		0.00	0.00	26.51	3577.63
01/24/11	3604.14	26.94		0.00	0.00	26.94	3577.20	
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
	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	
04/20/09	3604.31	26.60		0.00	0.00	26.60	3577.71	
07/27/09	3604.31	26.92		0.00	0.00	26.92	3577.39	
10/26/09	3604.31	26.91		0.00	0.00	26.91	3577.40	
01/25/10	3604.31	27.19		0.00	0.00	27.19	3577.12	
04/26/10	3604.31	27.35		0.00	0.00	27.35	3576.96	
07/26/10	3604.31	27.07		0.00	0.00	27.07	3577.24	
10/25/10	3604.31	26.72		0.00	0.00	26.72	3577.59	
01/24/11	3604.31	27.21		0.00	0.00	27.21	3577.10	

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-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	
04/20/09	3603.77	26.37		0.00	0.00	26.37	3577.40	
07/27/09	3603.77	26.65		0.00	0.00	26.65	3577.12	
10/26/09	3603.77	26.75		0.00	0.00	26.75	3577.02	
01/25/10	3603.77	26.97		0.00	0.00	26.97	3576.80	
04/26/10	3603.77	27.14		0.00	0.00	27.14	3576.63	
07/26/10	3603.77	26.78		0.00	0.00	26.78	3576.99	
10/25/10	3603.77	26.64		0.00	0.00	26.64	3577.13	
01/24/11	3603.77	27.03		0.00	0.00	27.03	3576.74	
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	

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.	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
	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
	04/20/09	3609.23	30.70		0.00	0.00	30.70	3578.53
	07/27/09	3609.23	30.94		0.00	0.00	30.94	3578.29
	10/26/09	3609.23	31.13		0.00	0.00	31.13	3578.10
01/25/10	3609.23	31.31		0.00	0.00	31.31	3577.92	
04/26/10	3609.23	31.50		0.00	0.00	31.50	3577.73	
07/26/10	3609.23	31.29		0.00	0.00	31.29	3577.94	
10/25/10	3609.23	31.18		0.00	0.00	31.18	3578.05	
01/24/11	3609.23	31.45		0.00	0.00	31.45	3577.78	
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	

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-16 cont.	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	26.33		0.00	0.00	26.33	3579.98	
	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	
	04/20/09	3606.31	27.50		0.00	0.00	27.50	3578.81	
	07/27/09	3606.31	27.75		0.00	0.00	27.75	3578.56	
	10/26/09	3606.31	27.93		0.00	0.00	27.93	3578.38	
	01/25/10	3606.31	28.09		0.00	0.00	28.09	3578.22	
04/26/10	3606.31	28.27		0.00	0.00	28.27	3578.04		
07/26/10	3606.31	28.00		0.00	0.00	28.00	3578.31		
10/25/10	3606.31	27.88		0.00	0.00	27.88	3578.43		
01/24/11	3606.31	28.19		0.00	0.00	28.19	3578.12		
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	
	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		

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.	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
	04/20/09	3609.03	29.70		0.00	0.00	29.70	3579.33
	07/27/09	3609.03	NM, dry		0.00	0.00		
	10/26/09	3609.03	NM, dry		0.00	0.00		
01/25/10	3609.03	NM, dry		0.00	0.00			
04/26/10	3609.03	NM, dry		0.00	0.00			
07/26/10	3609.03	NM, dry		0.00	0.00			
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
	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	

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.	01/19/09	3605.34	27.75		0.00	0.00	27.75	3577.59
	04/20/09	3605.34	28.05		0.00	0.00	28.05	3577.29
	07/27/09	3605.34	28.36		0.00	0.00	28.36	3576.98
	10/26/09	3605.34	28.41		0.00	0.00	28.41	3576.93
	01/25/10	3605.34	28.65		0.00	0.00	28.65	3576.69
	04/26/10	3605.34	28.83		0.00	0.00	28.83	3576.51
	07/26/10	3605.34	28.56		0.00	0.00	28.56	3576.78
	10/25/10	3605.34	28.30		0.00	0.00	28.30	3577.04
	01/24/11	3605.34	27.21		0.00	0.00	27.21	3578.13
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	
04/20/09	3606.69	29.18		0.00	0.00	29.18	3577.51	
07/27/09	3606.69	29.47		0.00	0.00	29.47	3577.22	
10/26/09	3606.69	29.52		0.00	0.00	29.52	3577.17	
01/25/10	3606.69	29.75		0.00	0.00	29.75	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-19 cont.	04/26/10	3606.69	29.90		0.00	0.00	29.90	3576.79
	07/26/10	3606.69	29.62		0.00	0.00	29.62	3577.07
	10/25/10	3606.69	29.39		0.00	0.00	29.39	3577.30
	01/24/11	3606.69	29.80		0.00	0.00	29.80	3576.89
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	
04/20/09	3606.50	32.22		0.00	0.00	32.22	3574.28	
07/27/09	3606.50	32.45		0.00	0.00	32.45	3574.05	
10/26/09	3606.50	32.63		0.00	0.00	32.63	3573.87	
01/25/10	3606.50	32.79		0.00	0.00	32.79	3573.71	
04/26/10	3606.50	32.98		0.00	0.00	32.98	3573.52	
07/26/10	3606.50	32.67		0.00	0.00	32.67	3573.83	
10/25/10	3606.50	32.69		0.00	0.00	32.69	3573.81	
01/24/11	3606.50	32.92		0.00	0.00	32.92	3573.58	

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	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
	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	
04/20/09	3603.51	25.50		0.00	0.00	25.50	3578.01	
07/27/09	3603.51	25.79		0.00	0.00	25.79	3577.72	
10/26/09	3603.51	25.91		0.00	0.00	25.91	3577.60	
01/25/10	3603.51	26.10		0.00	0.00	26.10	3577.41	
04/26/10	3603.51	26.26		0.00	0.00	26.26	3577.25	
07/26/10	3603.51	25.89		0.00	0.00	25.89	3577.62	
10/25/10	3603.51	25.81		0.00	0.00	25.81	3577.70	
01/24/11	3603.51	25.16		0.00	0.00	25.16	3578.35	
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	

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.	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
	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	
04/20/09	3603.27	25.08		0.00	0.00	25.08	3578.19	
07/27/09	3603.27	25.42		0.00	0.00	25.42	3577.85	
10/26/09	3603.27	25.40		0.00	0.00	25.40	3577.87	
01/25/10	3603.27	25.68		0.00	0.00	25.68	3577.59	
04/26/10	3603.27	25.84		0.00	0.00	25.84	3577.43	
07/26/10	3603.27	25.61		0.00	0.00	25.61	3577.66	
10/25/10	3603.27	25.20		0.00	0.00	25.20	3578.07	
01/24/11	3603.27	25.72		0.00	0.00	25.72	3577.55	
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	

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-23 cont.	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
	04/20/09	3604.62	25.70		0.00	0.00	25.70	3578.92
	07/27/09	3604.62	26.07		0.00	0.00	26.07	3578.55
	10/26/09	3604.62	26.10		0.00	0.00	26.10	3578.52
01/25/10	3604.62	26.39		0.00	0.00	26.39	3578.23	
04/26/10	3604.62	26.59		0.00	0.00	26.59	3578.03	
07/26/10	3604.62	26.37		0.00	0.00	26.37	3578.25	
10/25/10	3604.62	26.01		0.00	0.00	26.01	3578.61	
01/24/11	3604.62	26.45		0.00	0.00	26.45	3578.17	
MW-24	01/25/10	3608.89	30.11		0.00	0.00	30.11	3578.78
	04/26/10	3608.89	30.29		0.00	0.00	30.29	3578.60
	07/26/10	3608.89	30.08		0.00	0.00	30.08	3578.81
	10/25/10	3608.89	29.96		0.00	0.00	29.96	3578.93
	01/24/11	3608.89	30.24		0.00	0.00	30.24	3578.65
MW-25	01/25/10	3609.81	31.00		0.00	0.00	31.00	3578.81
	04/26/10	3609.81	31.19		0.00	0.00	31.19	3578.62
	07/26/10	3609.81	30.96		0.00	0.00	30.96	3578.85
	10/25/10	3609.81	30.87		0.00	0.00	30.87	3578.94
	01/24/11	3609.81	31.14		0.00	0.00	31.14	3578.67
MW-26	01/25/10	3604.86	26.54		0.00	0.00	26.54	3578.32
	04/26/10	3604.86	26.71		0.00	0.00	26.71	3578.15
	07/26/10	3604.86	26.50		0.00	0.00	26.50	3578.36
	10/25/10	3604.86	26.19		0.00	0.00	26.19	3578.67
	01/24/11	3604.86	26.61		0.00	0.00	26.61	3578.25
MW-27	01/25/10	3604.99	26.70		0.00	0.00	26.70	3578.29
	04/26/10	3604.99	26.87		0.00	0.00	26.87	3578.12
	07/26/10	3604.99	26.66		0.00	0.00	26.66	3578.33
	10/25/10	3604.99	26.35		0.00	0.00	26.35	3578.64
	01/24/11	3604.99	26.77		0.00	0.00	26.77	3578.22

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	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
	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	
04/20/09	3605.12	26.44		0.00	0.00	26.44	3578.68	
07/27/09	3605.12	26.70		0.00	0.00	26.70	3578.42	
10/26/09	3605.12	26.83		0.00	0.00	26.83	3578.29	
01/25/10	3605.12	27.10		0.00	0.00	27.10	3578.02	
04/26/10	3605.12	27.26		0.00	0.00	27.26	3577.86	
07/26/10	3605.12	27.03		0.00	0.00	27.03	3578.09	
10/25/10	3605.12	26.82		0.00	0.00	26.82	3578.30	
01/24/11	3605.12	27.19		0.00	0.00	27.19	3577.93	

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	04/28/10	6,300	53	350	710	7,413	26	8.0
MW-4	04/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.072
	07/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	10/26/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	01/25/11	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.21
MW-5	04/27/10	<1.0	1.3	<1.0	<1.0	1.3	<0.10	0.078
	07/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	10/26/10	<1.0	<1.0	<1.0	4.2	4.2	<0.10	<0.05
	01/25/11	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.21
MW-6	04/28/10	47	17	120	71	255	2.7	0.72
	07/28/10	40	14	180	102	336	3.1	2.9
	10/27/10	20	2.7	130	22.3	175.0	2.8	1.0
	01/26/11	27	2.5	130	9.1	168.6	2.4	12
MW-11	07/28/10	3,800	1,500	700	1,670	7,670	29	10
MW-12	04/28/10	4,400	<10	140	190	4,730	15	0.47
	04/28/10 D	4,400	<10	150	200	4,750	15	0.46
	07/28/10	5,500	<5.0	120	180	5,800	19	0.56
	07/28/10 D	5,500	<25	140	190	5,830	20	0.52
	10/27/10	5,300	<10	140	190	5,630	16	0.48
	10/27/10 D	4,900	<10	150	210	5,260	15	0.56
	01/26/11	4,000	<10	140	160	4,300	14	1.0
	01/26/11 D	4,900	<10	110	130	5,140	16	0.89
MW-13	04/28/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	07/28/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	10/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	01/26/11	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.20
MW-14	04/28/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.14
	07/28/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.13
	10/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.076
	01/26/11	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.21
MW-15	04/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	4.3
	07/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	1.9
	10/26/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.48
	01/25/11	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	3.5
MW-16	04/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.055
	07/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.25
	10/26/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	01/25/11	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.20
MW-18	04/28/10	4,300	<10	170	209	4,679	13	0.37
	07/28/10	5,600	<20	130	203	5,933	17	0.54
	10/27/10	5,900	<5.0	180	210	6,290	15	0.39
	01/26/11	4,100	<10	110	154	4,364	13	0.73
MW-19	04/28/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.098
	07/28/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	10/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.067
	01/26/11	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.22
MW-20	04/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.12
	07/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	10/26/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	01/25/11	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.21
MW-21	04/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.12
	07/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	10/26/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	01/25/11	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.21
MW-22	04/28/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	07/28/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	10/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	01/26/11	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.21
MW-23	04/28/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	07/28/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	10/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	01/26/11	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.20

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-24	04/27/10	3.0	<1.0	6.0	<1.0	9.0	0.51	0.44
	04/27/10 D	4.1	<1.0	5.5	<1.0	9.6	0.52	0.75
	07/27/10	3.2	<1.0	7.6	<1.0	10.8	0.37	0.30
	07/27/10 D	1.2	<1.0	1.2	<1.0	2.4	0.26	0.33
	10/26/10	2.0	<1.0	3.7	<1.0	5.7	0.22	0.20
	10/26/10 D	2.3	<1.0	4.7	<1.0	7.0	0.21	0.24
	01/25/11	<1.0	<1.0	<1.0	<1.0	BDL	0.15	0.41
01/25/11 D	1.6	<1.0	4.5	<1.0	6.1	0.19	0.31	
MW-25	04/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.34
	07/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	10/26/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.11
	01/25/11	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.20
MW-26	04/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.078
	07/28/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	10/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	01/26/11	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.21
MW-27	04/28/10	46	1.2	<1.0	1.5	48.7	0.15	0.057
	07/28/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	10/27/10	4.8	<1.0	<1.0	<1.0	4.8	<0.10	<0.05
	01/26/11	7.8	<1.0	<1.0	<1.0	7.8	<0.10	<0.21
SVE-10	04/28/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.089
	07/28/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	10/27/10	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
	01/26/11	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.21

Notes:

µg/L = micrograms per liter

mg/L = milligrams per liter

BDL = below detection limit

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-2	07/29/09	15,000	2,000	640	1,540	62	10
	10/28/09	9,800	820	420	930	36	2.6
	01/27/10	1.3	1.1	11	1.1	0.71	2.2
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
	07/29/09	9,200	80	330	700	33	3.7
	10/28/09	6,400	26	270	590	22	3.9
	01/27/10	7,700	22	310	380	48	2.6
	04/28/10	6,300	53	350	710	26	8.0
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	
04/22/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
07/29/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
10/28/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
01/26/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.17	
04/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.072	
07/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
10/26/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
01/25/11	<1.0	<1.0	<1.0	<1.0	<0.10	<0.21	
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

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-CRO (mg/L)	TPH-DRO (mg/L)
MW-5 cont.	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
	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
	04/22/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
	07/29/09	7.2	5.5	<1.0	49	0.29	0.34
	10/28/09	<1.0	<1.0	<1.0	<1.0	<0.10	0.065
01/26/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.15	
04/27/10	<1.0	1.3	<1.0	<1.0	<0.10	0.078	
07/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
10/26/10	<1.0	<1.0	<1.0	4.2	<0.10	<0.05	
01/25/11	<1.0	<1.0	<1.0	<1.0	<0.10	<0.21	
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
	04/22/09	340	280	180	275	11	5.8
	07/29/09	180	210	180	247	4.2	2.2
10/28/09	200	130	290	310	6.9	5.1	
01/27/10	98	50	180	164	4.2	3	
04/28/10	47	17	120	71	2.7	0.72	
07/28/10	40	14	180	102	3.1	2.9	
10/27/10	20	2.7	130	22.3	2.8	1.0	
01/26/11	27	2.5	130	9.1	2.4	12	
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
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	

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-11 cont.	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
	07/29/09	5,900	80	770	2,020	39	7.1
	10/28/09	5,200	43	880	2,410	29	8.6
	01/27/10	5,600	76	970	2,480	67	10
	07/28/10	3,800	1,500	700	1,670	29	10
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
	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
	04/27/06 D	2,900	<1.0	120	130	13	1.00
	07/27/06	3,600	<1.0	150	160	15	1.00
	07/27/06 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
	04/26/07 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
	04/24/08 D	2,900	<10.0	220	201	13	0.75
	07/25/08	2,700	<25.0	130	100	8.9	0.53
	07/25/08 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	
04/22/09	3,600	1.5	190	181	11	0.15	
04/22/09 D	3,900	1.1	230	221	14	0.28	
07/29/09	4,100	2.2	180	206	16	0.37	
07/29/09 D	4,300	1.9	200	220	17	0.28	
10/28/09	4,500	1.8	180	209.1	17	0.42	
10/28/09 D	4,300	2.5	210	260	18	0.47	
01/27/10	4,500	2.2	170	174	18	0.45	
01/27/10 D	4,200	1.9	140	175.6	16	0.46	
04/28/10	4,400	<10	140	190	15	0.47	
04/28/10 D	4,400	<10	150	200	15	0.46	
07/28/10	5,500	<5.0	120	180	19	0.56	
07/28/10 D	5,500	<25	140	190	20	0.52	
10/27/10	5,300	<10	140	190	16	0.48	
10/27/10 D	4,900	<10	150	210	15	0.56	
01/26/11	4,000	<10	140	160	14	1.0	
01/26/11 D	4,900	<10	110	130	16	0.89	

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-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		
04/22/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05		
07/29/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05		
10/28/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05		
01/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05		
04/28/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05		
07/28/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05		
10/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05		
01/26/11	<1.0	<1.0	<1.0	<1.0	<0.10	<0.20		
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	<1.0	<3.0	0.18	0.12
	04/21/04	5.2	<1.0	<1.0	<1.0	<3.0	<0.10	<0.20
	07/22/04	4.0	<1.0	<1.0	<1.0	<3.0	<0.10	0.059
	10/28/04	2.4	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	01/26/05	6.1	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	04/20/05	4.4	<1.0	<1.0	<1.0	<3.0	<0.10	0.086
	07/21/05	<1.0	<1.0	<1.0	<1.0	<3.0	<0.10	0.058
	10/20/05	<1.0	<1.0	<1.0	<1.0	<3.0	<0.10	0.073
	01/26/06	<1.0	<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		

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 cont.	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
	04/22/09	<1.0	<1.0	<1.0	<1.0	<0.10	0.37
	07/29/09	<1.0	<1.0	<1.0	<1.0	<0.10	0.063
	10/28/09	<1.0	<1.0	<1.0	<1.0	<0.10	0.075
	01/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.068
	04/28/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.14
	07/28/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.13
	10/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.076
01/26/11	<1.0	<1.0	<1.0	<1.0	<0.10	<0.21	
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
	04/21/09	<1.0	<1.0	<1.0	1.2	0.20	27
	07/28/09	<1.0	<1.0	<1.0	<1.0	0.30	7.3
	10/27/09	<1.0	<1.0	<1.0	<1.0	0.16	8.5
	01/26/10	<1.0	<1.0	<1.0	<1.0	0.15	3
	04/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	4.3
07/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	1.9	
10/26/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.48	
01/25/11	<1.0	<1.0	<1.0	<1.0	<0.10	3.5	
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
	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	
04/21/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
07/28/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
10/27/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
01/26/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.072	

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.	04/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.055
	07/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.25
	10/26/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
	01/25/11	<1.0	<1.0	<1.0	<1.0	<0.10	<0.20
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
	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	
04/22/09	4,400	<1.0	120	118	12	0.19	
07/29/09	5,000	<1.0	140	142	15	0.26	
10/28/09	4,500	<1.0	120	125	12	0.29	
01/27/10	5,000	<1.0	130	152	15	0.3	
04/28/10	4,300	<1.0	170	209	13	0.37	
07/28/10	5,600	<20	130	203	17	0.54	
10/27/10	5,900	<5.0	180	210	15	0.39	
01/26/11	4,100	<10	110	154	13	0.73	

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-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	
04/22/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
07/29/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
10/28/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
01/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
04/28/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.098	
07/28/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
10/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.067	
01/26/11	<1.0	<1.0	<1.0	<1.0	<0.10	<0.22	
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
	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

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.	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
	04/21/09	<1.0	<1.0	<1.0	<1.0	<0.10	0.092
	07/28/09	<1.0	<1.0	<1.0	<1.0	<0.10	0.07
	10/27/09	<1.0	<1.0	<1.0	<1.0	<0.10	0.056
	01/26/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.074
	04/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.12
	07/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
	10/26/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
01/25/11	<1.0	<1.0	<1.0	<1.0	<0.10	<0.21	
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
	04/21/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
07/28/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
10/27/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
01/26/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.14	
04/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.12	
07/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
10/26/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
01/25/11	<1.0	<1.0	<1.0	<1.0	<0.10	<0.21	
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
04/22/09	<1.0	<1.0	<1.0	<1.0	<0.10	0.061	

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-22 cont.	07/29/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
	10/28/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
	01/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
	04/28/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
	07/28/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
	10/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
01/26/11	<1.0	<1.0	<1.0	<1.0	<0.10	<0.21	
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
	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
	04/22/09	<1.0	<1.0	<1.0	<1.0	<0.10	0.24
	07/29/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
	10/28/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
	01/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
	04/28/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
07/28/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
10/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
01/26/11	<1.0	<1.0	<1.0	<1.0	<0.10	<0.20	
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	
04/21/09	2.3	15	36	15.9	1.3	0.38	

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-24 cont.	04/21/09 D	2.0	3.5	16	5.3	0.46	0.34
	07/28/09	<1.0	4	7.2	2.6	0.86	0.44
	07/28/09 D	1.2	4.2	15	3.6	0.86	0.52
	10/28/09	<1.0	<1.0	6.8	1.5	0.81	0.53
	10/28/09 D	<1.0	<1.0	14	2.3	0.76	0.47
	01/26/10	1.4	<1.0	8.1	<1.0	0.73	0.42
	01/26/10 D	1.2	<1.0	7.6	<1.0	0.67	0.4
	04/27/10	3.0	<1.0	6.0	<1.0	0.51	0.44
	04/27/10 D	4.1	<1.0	5.5	<1.0	0.52	0.75
	07/27/10	3.2	<1.0	7.6	<1.0	0.37	0.30
	07/27/10 D	1.2	<1.0	1.2	<1.0	0.26	0.33
	10/26/10	2.0	<1.0	3.7	<1.0	0.22	0.20
	10/26/10 D	2.3	<1.0	4.7	<1.0	0.21	0.24
	01/25/11	<1.0	<1.0	<1.0	<1.0	0.15	0.41
01/25/11 D	1.6	<1.0	4.5	<1.0	0.19	0.31	
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
	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
	04/21/09	<1.0	<1.0	<1.0	<1.0	<0.10	0.079
	07/28/09	<1.0	<1.0	<1.0	<1.0	<0.10	0.16
	10/27/09	<1.0	<1.0	<1.0	<1.0	<0.10	0.34
	01/26/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.12
	04/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.34
07/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
10/26/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.11	
01/25/11	<1.0	<1.0	<1.0	<1.0	<0.10	<0.20	
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
	04/22/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
	07/29/09	<1.0	<1.0	<1.0	<1.0	<0.10	0.71
	10/28/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
	01/26/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.051
	04/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.078
	07/28/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
	10/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
	01/26/11	<1.0	<1.0	<1.0	<1.0	<0.10	<0.21

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-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
	04/22/09	120	6.8	3.1	6.6	0.40	<0.05
	07/29/09	27	3.4	<1.0	<1.0	0.13	<0.05
10/28/09	19	1	<1.0	<1.0	<0.10	<0.05	
01/27/10	5	<1.0	<1.0	<1.0	<0.10	<0.05	
04/28/10	46	1.2	<1.0	1.5	0.15	0.057	
07/28/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
10/27/10	4.8	<1.0	<1.0	<1.0	<0.10	<0.05	
01/26/11	7.8	<1.0	<1.0	<1.0	<0.10	<0.21	
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
	04/22/09	2.5	<1.0	<1.0	<1.0	0.11	0.32
	07/29/09	<1.0	<1.0	<1.0	<1.0	0.12	0.17
10/28/09	<1.0	<1.0	<1.0	<1.0	0.56	0.34	
01/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.1	
04/28/10	<1.0	<1.0	<1.0	<1.0	<0.10	0.089	
07/28/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
10/27/10	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05	
01/26/11	<1.0	<1.0	<1.0	<1.0	<0.10	<0.21	
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-2	07/29/09	66.1			
	10/28/09	89.1			
	01/27/10	67.2			
MW-3	01/23/03	176			
	04/24/08	47.9			
	07/25/08	44.7			
	10/22/08	32.9			
	07/29/09	36.8			
	10/28/09	43.2			
	01/27/10	38.2			
	04/28/10	35.4			
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			
04/22/09	33.7				
07/29/09	42.7				
10/28/09	62.2				
01/26/10	52.6				
04/27/10	68.2				
07/27/10	63.1				
10/26/10	61.9				
01/25/11	73.3				
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				

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.	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			
	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			
	04/22/09	22.1			
	07/29/09	22.6			
10/28/09	40.9				
01/26/10	40.5				
04/27/10	64.6				
07/27/10	64.1				
10/26/10	67.2				
01/25/11	90.1				
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			
	04/22/09	107			
	07/29/09	124			
	10/28/09	163			
	01/27/10	112			
	04/28/10	92.6			
07/28/10	111				
10/27/10	102				
01/26/11	85.4				
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			

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-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			
	07/29/09	228			
	10/28/09	303			
	01/27/10	232			
07/28/10	250				
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			
	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				
04/24/08 D	183				
07/25/08	182				
07/25/08 D	180				
10/22/08	138				
10/22/08 D	134				
01/21/09	165				
01/21/09 D	156				
04/22/09	193				
04/22/09 D	185				
07/29/09	190				
07/29/09 D	197				
10/28/09	235				

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.	10/28/09 D	233			
	01/27/10	192			
	01/27/10 D	198			
	04/28/10	171			
	04/28/10 D	173			
	07/28/10	190			
	07/28/10 D	194			
	10/27/10	201			
	10/27/10 D	191			
	01/26/11	186			
01/26/11 D	186				
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			
	04/23/08	71.5			
	07/24/08	74.0			
	10/22/08	59.9			
01/21/09	65.4				
04/22/09	67.2				
07/29/09	68.5				
10/28/09	80.7				
01/27/10	69.5				
04/28/10	76.7				
07/28/10	70.9				
10/27/10	69.9				
01/26/11	74.9				
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				

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-14 cont.	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			
	04/22/09	156			
	07/29/09	237			
	10/28/09	256			
01/27/10	202				
04/28/10	190				
07/28/10	221				
10/27/10	231				
01/26/11	216				
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			
	04/21/09	252			
	07/28/09	172			
10/27/09	218				
01/26/10	188				
04/27/10	167				
07/27/10	190				
10/26/10	183				
01/25/11	185				
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			
	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				

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.	07/19/05	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			
	04/21/09	131			
	07/28/09	140			
	10/27/09	175			
	01/26/10	148			
04/27/10	150				
07/27/10	140				
10/26/10	134				
01/25/11	145				
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			
	10/28/04	205			
	01/26/05	206			
	04/20/05	193			

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.	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			
	04/22/09	220			
	07/29/09	218			
	10/28/09	261			
	01/27/10	195			
04/28/10	170				
07/28/10	201				
10/27/10	184				
01/26/11	200				
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			
	04/28/10	157			
	07/28/10	186			
	10/27/10	172			
	01/26/11	174			
	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				
04/22/09	125				
07/29/09	146				
10/28/09	202				
01/27/10	176				
MW-20	06/02/00	83			
	08/02/00	66			
	11/15/00	66			
	03/06/01	62			
	06/25/01	71			

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.	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			
	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			
	04/21/09	118			
	07/28/09	159			
10/27/09	194				
01/26/10	156				
04/27/10	161				
07/27/10	150				
10/26/10	130				
01/25/11	125				
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			
04/21/09	1,090				
07/28/09	1,040				
10/27/09	1,390				
01/26/10	1,090				
04/27/10	1,320				
07/27/10	1,020				
10/26/10	944				
01/25/11	926				

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	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			
	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			
	04/22/09	79.4			
	07/29/09	75.3			
	10/28/09	97.1			
01/27/10	78.7				
04/28/10	90.9				
07/28/10	86.2				
10/27/10	83.3				
01/26/11	87.6				
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			
	04/22/09	59.4			
	07/29/09	55.7			
	10/28/09	71.6			
01/27/10	55.3				
04/28/10	68.6				
07/28/10	56.6				
10/27/10	58.8				
01/26/11	63.2				

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-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			
	07/24/08 D	216			
	10/21/08	189			
	10/21/08 D	200			
	01/21/09	269			
	01/21/09 D	294			
	04/21/09	278			
	04/21/09 D	323			
	07/28/09	275			
	07/28/09 D	287			
	10/28/09	400			
10/28/09 D	400				
01/26/10	285				
01/26/10 D	287				
04/27/10	232				
04/27/10 D	253				
07/27/10	257				
07/27/10 D	255				
10/26/10	221				
10/26/10 D	214				
01/25/11	218				
01/25/11 D	217				
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			
	04/21/09	159			
07/28/09	151				
10/27/09	203				
01/26/10	171				

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 cont.	04/27/10	177			
	07/27/10	126			
	10/26/10	118			
	01/25/11	132			
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			
	04/22/09	95.3			
	07/29/09	114			
	10/28/09	147			
	01/26/10	128			
04/27/10	123				
07/28/10	136				
10/27/10	131				
01/26/11	146				
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			
	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			
	04/22/09	97.8			
07/29/09	111				
10/28/09	160				
01/27/10	119				
04/28/10	116				
07/28/10	130				
10/27/10	124				
01/26/11	127				
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			
	04/27/06	234			
07/27/06	230				

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.	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			
	04/22/09	231			
	07/29/09	252			
	10/28/09	340			
	01/27/10	223			
	04/28/10	221			
07/28/10	244				
10/27/10	224				
01/26/11	240				
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
VOC 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

Table 3
VOC Emissions Data
 ConocoPhillips - East Hobbs Junction
 Hobbs, New Mexico

Date	Total Time (days)	Effluent Concentration (ppm)	Flow Rate (SCFM)	"SnapShot" Discharge (lbs/day)	Average	Incremental Discharge (lbs)	Cumulative Discharge (lbs)	Incremental Time (Days)
					Discharge for Period (lbs/day)			
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
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	0.82	0.82	38680.48	35
09/14/06	1148	346	875	88.20	44.92	11.23	38691.71	247
09/21/06	1155	203	875	51.75	69.97	489.82	39181.53	7
09/25/06	1159	145	875	36.96	44.36	177.42	39358.96	4
10/02/06	1166	121	875	30.84	33.90	237.33	39596.28	7
10/10/06	1174	115	875	29.32	30.08	240.64	39836.92	8
10/16/06	1180	110	875	28.04	28.68	172.07	40008.99	6
10/30/06	1184	155	875	39.51	33.78	472.87	40481.86	14
11/06/06	1191	116	875	29.57	34.54	241.79	40723.65	7
11/21/06	1206	160	875	40.79	35.18	527.68	41251.32	15
11/28/06	1213	70.2	875	17.90	29.34	205.39	41456.71	7
12/05/06	1220	62.5	875	15.93	16.91	118.40	41575.10	7
12/11/06	1226	46.2	875	11.78	13.85	83.13	41658.23	6
12/18/06	1233	40.6	875	10.35	11.06	77.44	41735.67	7
01/02/07	1234	49.1	875	12.52	11.43	171.49	41907.17	15
01/08/07	1240	42.1	875	10.73	11.62	69.74	41976.91	6
01/16/07	1248	42.1	875	10.73	10.73	85.86	42062.77	8
02/05/07	1259	31.9	875	8.13	9.43	188.64	42251.41	20

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 ConocoPhillips - East Hobbs Junction
 Hobbs, New Mexico

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					Discharge for Period (lbs/day)			
02/26/07	1280	27.2	875	6.93	7.53	158.19	42409.59	21
03/05/07	1287	29.0	875	7.39	7.16	50.14	42459.74	7
03/13/07	1295	27.4	875	6.98	7.19	57.51	42517.25	8
03/14/07	1296	26.4	875	6.73	6.86	6.86	42524.10	1
03/26/07	1308	34.9	875	8.90	7.81	93.76	42617.86	12
04/02/07	1315	26.4	875	6.73	7.81	54.69	42672.55	7
05/29/07	1356	32.8	875	8.36	7.55	430.09	43102.65	57
06/04/07	1362	22.3	875	5.68	7.02	42.14	43144.78	6
06/11/07	1369	36.3	875	9.25	7.47	52.28	43197.07	7
06/18/07	1376	31.5	875	8.03	8.64	60.49	43257.56	7
06/26/07	1384	37.9	875	9.66	8.85	70.76	43328.32	8
08/07/07	1429	66.3	875	16.90	13.28	557.81	43886.13	42
08/27/07	1449	67.4	875	17.18	17.04	340.82	44226.95	20
09/04/07	1457	74.8	875	19.07	18.12	145.00	44371.95	8
09/10/07	1463	81.4	875	20.75	19.91	119.45	44491.40	6
10/02/07	1485	61.2	875	15.60	18.18	399.86	44891.26	22
10/31/07	1500	75.9	875	19.35	17.47	506.76	45398.02	29
11/12/07	1512	66.9	875	17.05	18.20	218.41	45616.43	12
11/19/07	1519	58.6	875	14.94	16.00	111.97	45728.40	7
12/05/07	1535	32.5	875	8.28	11.61	185.78	45914.19	16
12/10/07	1540	33.7	875	8.59	8.44	42.19	45956.38	5
12/20/07	1550	24.0	875	6.12	7.35	73.54	46029.92	10
01/07/08	1568	20.0	875	5.10	5.61	100.95	46130.87	18
02/12/08	1604	23.5	875	5.99	5.54	199.60	46330.46	36
03/11/08	1632	20.5	875	5.23	5.61	157.03	46487.49	28
03/17/08	1638	21.2	875	5.40	5.31	31.89	46519.38	6
03/24/08	1645	23.3	875	5.94	5.67	39.70	46559.09	7
03/31/08	1652	24.0	875	6.12	6.03	42.20	46601.29	7
05/20/08	1702	25.1	875	6.40	6.26	312.91	46914.20	50
06/02/08	1715	26.6	875	6.78	6.59	85.66	46999.86	13
06/16/08	1729	34.4	875	8.77	7.77	108.85	47108.71	14
06/30/08	1743	66.0	875	16.82	12.80	179.15	47287.86	14
07/14/08	1757	0.0	0	0.00	0.00	0.00	47287.86	14
08/18/08	1792	96.8	875	24.68	12.34	0.09	47287.95	35
08/20/08	1794	104.0	875	26.51	25.59	0.18	47288.13	2
09/09/08	1814	79.6	875	15.10	17.42	348.39	47636.52	20
09/15/08	1820	85.3	875	14.45	13.97	83.81	47720.32	6
09/22/08	1827	82.2	875	13.94	14.21	99.45	47819.78	7
09/29/08	1834	92.3	875	15.64	14.79	103.52	47923.29	7
10/07/08	1842	100.0	875	11.23	10.80	86.40	48009.69	8
10/14/08	1849	0.0	0	0.00	0.00	0.00	48009.69	7
10/20/08	1855	0.0	0	0.00	0.00	0.00	48009.69	6
10/28/08	1863	112.0	875	13.92	6.96	55.67	48065.36	8
11/10/08	1876	0.0	0	0.00	0.00	0.00	48065.36	13
11/24/08	1890	94.8	875	16.03	8.02	112.22	48177.58	14
12/01/08	1897	94.6	875	15.92	15.94	111.55	48289.13	7
12/08/08	1904	87.8	875	14.87	15.44	108.10	48397.24	7
12/24/08	1920	75.8	875	12.90	13.92	222.68	48619.92	16
12/29/08	1925	77.0	875	12.91	12.81	64.03	48683.95	5
01/06/09	1933	0.0	0	0.00	0.00	0.00	48683.95	8
01/14/09	1941	90.5	875	15.33	7.67	61.33	48745.27	8
01/19/09	1946	0.0	0	0.00	0.00	0.00	48745.27	5
01/26/09	1953	0.0	0	0.00	0.00	0.00	48745.27	7
02/26/09	1984	96.6	875	13.31	6.65	252.87	48998.14	38
03/02/09	1988	91.9	875	15.54	15.94	63.77	49061.91	4
03/09/09	1995	82.6	875	13.85	14.63	102.40	49164.31	7

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03/16/09	2002	86.3	875	14.40	14.10	98.67	49262.98	7
03/24/09	2010	89.0	875	15.04	14.81	118.51	49381.49	8
03/30/09	2016	90.6	875	15.22	15.09	90.52	49472.01	6
04/06/09	2023	93.4	875	15.83	15.59	109.15	49581.16	7
04/14/09	2031	92.8	875	15.61	15.66	125.29	49706.45	8
04/28/09	2045	82.9	875	11.98	12.69	177.66	49884.11	14
05/11/09	2058	83.0	875	14.11	14.10	183.26	50067.37	13
05/26/09	2073	96.0	875	16.17	15.07	226.06	50293.43	15
06/01/09	2079	81.3	875	13.96	15.22	91.33	50384.76	6
06/09/09	2087	80.7	875	13.41	13.46	107.71	50492.48	8
06/15/09	2093	123.0	875	20.92	17.33	103.96	50596.44	6
06/29/09	2107	104.0	875	17.60	19.21	268.96	50865.39	14
07/06/09	2114	112.0	875	18.61	17.94	125.61	50991.00	7
07/14/09	2122	132.0	875	22.45	20.75	165.99	51157.00	8
07/20/09	2128	105.0	875	17.55	19.80	118.82	51275.81	6
07/27/09	2135	103.0	875	10.35	10.45	73.18	51349.00	7
08/03/09	2142	134.0	875	13.47	11.91	83.39	51432.38	7
08/12/09	2151	120.0	875	20.24	21.42	192.76	51625.14	9
08/24/09	2163	120.0	875	20.28	20.28	243.32	51868.46	12
08/31/09	2170	128.0	875	21.69	21.02	147.12	52015.58	7
09/08/09	2178	114.0	875	19.45	20.64	165.15	52180.72	8
09/16/09	2186	127.0	875	21.16	20.08	160.63	52341.35	8
09/28/09	2198	120.0	875	20.28	20.87	250.41	52591.76	12
10/05/09	2205	102.0	875	0.00	0.00	0.00	52591.76	7
10/12/09	2212	165.0	875	45.14	36.52	255.66	52847.42	7
10/26/09	2226	158.0	875	27.17	27.78	388.87	53236.30	14
11/03/09	2234	155.0	875	19.36	19.55	156.42	53392.72	8
11/10/09	2241	125.0	875	5.94	6.65	46.54	53439.26	7
11/23/09	2254	124.0	875	29.07	29.18	379.39	53818.65	13
11/30/09	2261	117.0	875	19.88	20.48	143.35	53962.00	7
12/07/09	2268	94.3	875	15.90	17.81	124.67	54086.67	7
01/04/10	2296	107.0	875	18.03	16.96	474.98	54561.65	28
01/11/10	2303	108.0	875	18.27	18.19	127.31	54688.96	7
02/01/10	2324	93.5	875	14.24	15.35	322.32	55011.28	21
02/08/10	2331	98.7	875	16.67	16.23	113.61	55124.89	7
02/22/10	2345	92.2	875	15.62	16.17	226.39	55351.27	14
03/01/10	2352	95.9	875	16.20	15.88	111.18	55462.46	7
03/08/10	2359	91.6	875	15.46	15.82	110.73	55573.18	7
03/22/10	2373	80.8	875	13.68	14.59	204.26	55777.45	14
03/29/10	2380	77.0	875	10.57	10.83	75.84	55853.29	7
04/05/10	2387	67.4	875	13.40	14.35	100.46	55953.75	7
04/13/10	2395	69.7	875	11.78	11.59	92.69	56046.44	8
04/19/10	2401	79.3	875	13.53	12.71	76.28	56122.72	6
05/20/10	2432	79.6	875	9.34	9.32	289.03	56411.75	31
05/27/10	2439	74.0	875	12.35	12.82	89.73	56501.48	7
06/01/10	2444	79.6	875	13.32	12.86	64.28	56565.76	5
06/07/10	2450	79.9	875	13.59	13.57	81.40	56647.16	6
06/15/10	2458	97.0	875	0.63	0.58	4.60	56651.76	8
06/28/10	2471	151.0	875	25.53	20.96	272.50	56924.26	13
07/19/10	2492	138.0	875	20.39	21.35	448.32	57372.58	21
07/26/10	2499	155.0	875	26.32	24.87	174.12	57546.70	7
08/30/10	2534	127.0	875	20.20	22.43	785.06	58331.76	35
09/07/10	2542	132.0	875	22.29	21.87	174.96	58506.72	8
09/13/10	2548	120.0	875	20.46	21.48	128.88	58635.60	6
09/20/10	2555	122.0	875	20.40	20.23	141.63	58777.23	7
09/27/10	2562	124.0	875	21.07	20.90	146.32	58923.55	7

Table 3
VOC 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)
10/04/10	2569	137.0	875	22.89	21.80	152.61	59076.16	7
10/12/10	2577	136.0	875	23.08	23.16	185.29	59261.45	8
10/19/10	2584	134.0	875	22.61	22.78	159.45	59420.90	7
10/25/10	2590	141.0	875	23.64	23.05	138.31	59559.20	6
11/01/10	2597	172.0	875	5.25	4.77	33.41	59592.62	7
11/09/10	2605	140.0	875	23.89	26.61	212.92	59805.53	8
11/22/10	2618	112.0	875	19.06	21.44	278.77	60084.30	13
12/06/10	2632	97.0	875	16.40	17.67	247.41	60331.71	14
12/13/10	2639	93.0	875	12.98	13.26	92.83	60424.54	7
01/04/11	2661	50.6	875	8.67	12.31	270.73	60695.27	22
01/10/11	2667	77.7	875	15.30	12.63	75.77	60771.04	6
01/17/11	2674	77.7	875	13.15	13.15	92.02	60863.06	7
01/24/11	2681	80.2	875	13.53	13.32	93.25	60956.31	7
01/31/11	2688	79.9	875	9.37	9.39	65.72	61022.03	7
02/07/11	2695	73.0	875	12.61	13.20	92.41	61114.44	7
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):			31.61			Total tons VOCs removed (Jan 2006 - Feb 2007):		1.79
Estimated avg lbs/day removed (2007-2008):			11.27			Total tons VOCs removed (Feb 2007 - Mar 2008):		2.10
Estimated avg lbs/day removed (2008-2009):			7.22			Total tons VOCs removed (Mar 2008 - Feb 2009):		1.20
Estimated avg lbs/day removed (2009-2010):			17.62			Total tons VOCs removed (Mar 2009 - Feb 2010):		3.14
Estimated avg lbs/day removed (2010-2011):			17.05			Total tons VOCs removed (Mar 2010 - Feb 2011):		6.03
Estimated total pounds VOCs removed:			61,114.44			Cumulative tons VOCs removed since startup:		30.56
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								

Table 4

SVE Field Data
 ConocoPhillips - East Hobbs Junction
 Hobbs, New Mexico

Date	Time	PID (ppm)	Monitoring Point - Measurements = inches of water at wellhead vacuum (-); pressure (+)																		Comments
			MW-4 SVE-1	MW-5 SVE-2	MW-6 SVE-3	MW-7 SVE-4	MW-8 SVE-5	MW-9 SVE-6	MW-10 SVE-7	MW-11 SVE-8	MW-12 SVE-9	SVE-10	MW-14 SVE-11	MW-15 SVE-12	MW-18 SVE-13						
05/26/09	9:01 AM	96.0	-10.3	-9.6	-22.9	-25.0	-22.8	-22.8	-22.2	-0.8	-4.9	-18.2	-20.5	-7.9							
06/01/09	10:00 AM	81.3	-8.0	-10.5	-22.1	-22.4	-22.8	-22.8	-22.8	-0.9	-4.6	-21.0	-20.8	-8.4							
06/09/09	8:00 AM	80.7	-7.5	-9.8	-22.0	-22.0	-21.6	-20.9	-21.3	-0.8	-5.8	-18.8	-20.7	-8.8							
06/15/09	8:30 AM	123	-1.5	-10.2	-20.5	-21.3	-20.9	-21.3	-20.3	-0.3	-4.9	-18.9	-19.2	-7.2							
06/29/09	9:15 AM	104	-6.0	-14.6	-20.4	-20.2	-20.5	-20.5	-20.4	-0.3	-3.7	-20.4	-19.7	-7.1							
07/06/09	8:30 AM	112																			
07/14/09	9:00 AM	132	-7.2	-19.8	-20.1	-20.0	-20.1	-20.1	-19.7	-0.3	-5.8	-19.7	-19.3	-7.0							
07/20/09	8:30 AM	105	-5.9	-19.9	-20.4	-22.2	-20.0	-20.0	-19.8	-0.2	-4.5	-20.0	-19.6	-6.1							
07/27/09	10:00 AM	103	-6.9	-19.9	-19.6	-19.9	-19.8	-19.8	-20.2	-0.6	-6.2	-20.2	-18.9	-5.9							
08/03/09	9:00 AM	134	-7.1	-19.7	-20.3	-20.2	-20.1	-20.1	-20.1	-0.4	-6.1	-20.5	-19.1	-6.8							
08/12/09	8:40 AM	120	-18.4	-19.5	-19.5	-19.6	-19.9	-19.9	-19.5	-0.4	-8.5	-19.7	-18.5	-6.6							
08/24/09	8:30 AM	120	-18.7	-18.5	-18.9	-18.7	-18.7	-18.9	-18.9	-0.4	-18.3	-18.8	-17.6	-5.8							
08/31/09	8:45 AM	128	-19.1	-18.9	-19.0	-19.0	-19.2	-19.2	-18.6	-0.1	-18.4	-18.8	-17.9	-6.5							
09/08/09	10:30 AM	114	-18.7	-18.5	-18.7	-18.7	-18.7	-18.7	-18.4	-0.2	-18.1	-18.4	-17.7	-4.9							
09/16/09	8:30 AM	127	-19.1	-18.8	-19.0	-18.8	-19.2	-19.2	-19.4	-0.1	-18.3	-18.7	-17.9	-6.2							
09/29/09	8:30 AM	120	-19.6	-19.2	-19.1	-19.1	-19.2	-19.2	-19.0	-0.1	-18.5	-18.9	-17.8	-9.6							
10/05/09	9:45 AM	102	-18.7	-18.3	-18.9	-18.7	-18.7	-18.8	-18.4	-0.3	-18.0	-18.6	-17.6	-8.1							
10/12/09	8:45 AM	165	-19.6	-19.2	-19.4	-19.3	-19.4	-19.4	-19.2	-0.2	-18.7	-19.5	-18.3	-10.5							
10/26/09	12:35 PM	158	-19.9	-19.4	-19.7	-19.1	-19.1	-19.1	-19.0	-0.1	-18.6	-19.5	-18.3	-9.7							
11/03/09	9:00 AM	155	-19.9	-19.6	-19.9	-19.6	-19.6	-20.0	-19.4	-0.2	-18.7	-19.5	-18.5	-10.4							
11/10/09	8:45 AM	125	-20.1	-19.8	-20.0	-20.1	-20.1	-19.5	-19.5	-0.1	-19.2	-19.7	-18.8	-10.2							
11/23/09	8:45 AM	124	-21.0	-18.0	-20.5	-20.3	-20.8	-20.8	-20.5	-0.1	-20.0	-20.4	-19.0	-14.6							
11/30/09	9:00 AM	117	-21.2	-16.6	-21.5	-20.7	-21.2	-21.2	-20.4	-0.1	-20.3	-18.4	-19.6	-13.4							
12/07/09	9:00 AM	94.3	-22.6	-12.6	-21.5	-20.8	-21.5	-21.5	-20.7	-0.1	-20.4	-17.2	-16.9	-14.6							
12/22/09	9:00 AM		-18.9	-12.1	-20.7	-20.9	-21.5	-21.2	-20.3	-0.1	-19.4	-17.7	-18.8	-19.0							
01/04/10	9:30 AM	107	-20.7	-12.6	-21.8	-21.5	-22.8	-22.0	-21.0	-0.1	-13.7	-20.4	-11.5	-21.5							
01/11/10	9:20 AM	108	-20.6	-12.0	-22.3	-22.8	-21.6	-22.9	-15.6	-0.1	-12.2	-0.1	-10.8	-20.8							
01/18/10	9:40 AM		-19.0	-10.6	-16.7	-21.6	-21.6	-22.9	-19.5	-0.1	-12.0	-0.1	-14.7	-20.4							
02/01/10	9:40 AM	93.5	-19.8	-11.8	-16.1	-23.0	-21.6	-21.6	-20.8	-0.1	-15.8	-0.1	-14.6	-11.0							
02/08/10	9:30 AM	98.7																			
02/22/10	9:00 AM	92.2	-9.6	-10.2	-11.4	-20.2	-24.0	-24.0	-19.5	0.0	-13.3	-0.2	-17.6	-7.8							
03/01/10	9:15 AM	95.9	-10.1	-10.0	-8.9	-16.4	-24.7	-24.7	-21.3	0.0	-17.9	-0.1	-12.8	-8.0							
03/08/10	8:45 AM	91.6	-10.2	-7.8	-11.4	-17.8	-25.0	-25.0	-17.8	0.0	-15.4	0.0	-14.4	-6.9							

Table 4

SVE Field Data

ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Date	Time	PID (ppm)	Monitoring Point - Measurements = inches of water at wellhead vacuum (-); pressure (+)																Comments
			MW-4 SVE-1	MW-5 SVE-2	MW-6 SVE-3	MW-7 SVE-4	MW-8 SVE-5	MW-9 SVE-6	MW-10 SVE-7	MW-11 SVE-8	MW-12 SVE-9	SVE-10	MW-14 SVE-11	MW-15 SVE-12	MW-18 SVE-13				
03/22/10	9:40 AM	80.8	-9.2	-7.8	-11.4	-10.3	-23.0		-22.1	0.0	-15.1	-0.1	-19.9		-8.1				
03/29/10	9:40 AM	77.0	-9.5	-6.3	-9.4	-12.4	-24.6		-21.0	-0.1	-19.5	0.0	-16.0		-8.8				
04/05/10	9:00 AM	67.4	-8.4	-7.4	-9.8	-10.9	-23.5		-22.0	0.0	-21.0	0.0	-19.3		-7.7				
04/13/10	9:00 AM	69.7	-6.9	-7.0	-10.0	-7.1	-23.1		-20.2	0.0	-18.3	0.0	-16.3		-6.8				
04/19/10	10:00 AM	79.3	-7.7	-7.2	-9.3	-6.7	-24.1		-20.3	0.0	-19.2	0.0	-15.4		-4.9				
04/26/10	12:15 PM		-9.4	-7.5	-8.7	-9.1	-23.9		-22.3	0.0	-20.7	0.0	-19.1		-5.4				
05/03/10	9:00 AM		-8.0	-7.3	-6.8	-7.0	-22.6		-21.3	0.0	-17.9	0.0	-14.8		-5.2				
05/14/10	11:00 AM		-8.4	-5.8	-7.8	-7.6	-20.6		-21.6	0.0	-21.0	0.0	-19.3		-4.4				
05/20/10	10:30 AM	79.6	-6.0	-6.7	-6.2	-5.6	-20.0		-22.9	0.0	-17.0	0.0	-15.4		-6.5				
05/27/10	9:20 AM	74.0	-6.5	-6.8	-6.4	-8.1	-20.3		-21.7	0.0	-20.6	0.0	-19.2		-5.7				
06/01/10	8:20 AM	79.6	-8.0	-7.8	-5.0	-5.4	-19.9		-21.6	0.0	-20.9	0.0	-20.0		-6.1				
06/07/10	9:00 AM	79.9	-10.9	-6.7	-5.4	-7.8	-18.9		-21.0	0.0	-21.0	0.0	-19.9		-4.7				
06/15/10	8:45 AM	97.0	-5.8	-5.7	-4.7	-5.8	-17.0		-23.0	0.0	-21.0	0.0	-19.4		-6.1				
06/28/10	8:45 AM	151.0	-6.3	-4.7	-4.5	-13.3	-20.6		-20.2	0.0	-19.5	0.0	-18.9		-5.8				
07/19/10	8:55 AM	138.0	-6.5	-4.2	-6.6	-19.9	-20.6		-19.4	0.0	-19.8	0.0	-19.0		-3.4				
07/26/10	9:55 AM	155.0	-5.6	-5.7	-6.7	-20.6	-20.4		-20.1	0.0	-19.7	0.0	-18.0		-5.4				
08/09/10	9:22 AM		-5.2	-6.6	-7.0	-20.7	-20.4		-20.0	0.0	-19.2	0.0	-17.7		-6.0				
08/16/10	9:00 AM		-4.5	-9.0	-5.0	-20.6	-20.5		-20.6	0.0	-19.7	0.0	-18.8		-5.6				
08/30/10	8:30 AM	127.0	-5.1	-20.0	-6.5	-19.8	-20.0		-20.0	0.0		0.0	-19.1		-4.4				
09/07/10	9:00 AM	132.0	-5.9	-19.5	-5.5	-20.2	-20.0		-20.1	0.0	-19.7	0.0	-19.2		-6.0				
09/13/10	9:55 AM	120.0	-5.3	-19.7	-6.7	-20.1	-19.9		-20.1	0.0	-19.4	0.0	-19.1		-5.2				
09/20/10	9:10 AM	122.0	-5.7	-19.9	-7.1	-20.5	-20.0		-19.9	0.0	-19.8	0.0	-18.9		-6.9				
09/27/10	9:30 AM	124.0	-4.8	-20.0	-6.8	-20.2	-19.9		-20.0	0.0	-19.5	0.0	-19.0		-5.8				
10/04/10	8:40 AM	137.0	-6.0	-20.7	-9.2	-20.4	-20.8		-20.9	0.0	-20.1	0.0	-19.1		-7.1				
10/12/10	9:00 AM	136.0	-5.2	-20.4	-10.3	-20.8	-20.2		-21.0	0.0	-20.0	0.0	-19.4		-7.4				
10/19/10	9:30 AM	134.0	-4.9	-20.3	-13.3	-20.5	-20.1		-20.3	0.0	-20.3	0.0	-19.0		-5.6				
10/25/10	8:40 AM	141.0	-6.2	-19.6	-16.2	-20.0	-20.0		-19.9	0.0	-19.3	0.0	-18.4		-7.4				
11/01/10	8:55 AM	172.0	-6.7	-20.2	-17.4	-20.3	-20.3		-20.2	0.0	-20.1	0.0	-19.1		-6.4				
11/09/10	9:00 AM	140.0	-6.8	-19.7	-19.4	-20.1	-20.2		-20.1	0.0	-19.4	0.0	-18.7		-6.7				
11/22/10	10:29 AM	112.0	-5.0	-19.7	-16.8	-21.2	-21.0		-21.0	0.0	-20.2	0.0	-19.3		-5.5				
12/06/10	10:00 AM	97.0	-5.8	-14.8	-12.4	-22.7	-22.8		-22.0	0.0	-21.2	0.0	-19.3		-6.0				
12/13/10	11:00 AM	93.0	-6.2	-13.9	-17.0	-22.0	-22.9		-21.4	0.0	-20.9	0.0	-19.4		-5.4				
01/04/11	11:25 AM	50.6																	
01/10/11	10:23 AM	77.7	-5.3	-11.4	-12.6	-22.2	-23.2		-21.8	0.0	-18.1	0.0	-15.3		-5.1				
															AC/SVE Off, Restart				

SVE Field Data
 ConocoPhillips - East Hobbs Junction
 Hobbs, New Mexico

Date	Time	PID (ppm)	Monitoring Point - Measurements = inches of water at wellhead vacuum (-); pressure (+)												Comments
			MW-4 SVE-1	MW-5 SVE-2	MW-6 SVE-3	MW-7 SVE-4	MW-8 SVE-5	MW-9 SVE-6	MW-10 SVE-7	MW-11 SVE-8	MW-12 SVE-9	SVE-10	MW-14 SVE-11	MW-15 SVE-12	
01/17/11	10:00 AM	77.7	-5.6	-12.1	-17.3	-22.8	-22.6	-22.2	0.0	-15.6	0.0	-12.8		-3.3	
01/24/11	9:10 AM	80.2	-5.8	-11.7	-13.5	-22.5	-22.5	-21.5	0.0	-14.9	0.0	-14.1		-4.4	
01/31/11	8:30 AM	79.9	-7.8	-11.0	-15.3	-21.7	-22.6	-21.6	0.0	-3.8	0.0	-13.2		-5.5	
02/07/11	10:30 AM	73.0	-5.5	-12.7	-18.0	-23.0	-23.0	-20.9	0.0	-0.9	0.0	-13.5		-5.3	
02/14/11	11:00 AM		-7.7	-12.0	-17.0	-24.1	-23.9	-23.0	0.0	-0.2	0.0	-18.1		-4.4	

Notes:
 SVE = Soil Vapor Extraction
 MW = Monitoring Well
 PID = Photo-Ionization Detector

AC = Air Compressor
 ppm = parts per million
 Blank fields indicate No Data

Table 5
Dissolved Oxygen Field Data
 ConocoPhillips - East Hobbs Junction
 Hobbs, New Mexico

Date	Time	Monitoring Point - DO Measurements = Milligrams per Liter							
		- Temperature Measurements = Degrees Celsius							
		MW-4 SVE-1	MW-5 SVE-2	MW-12 SVE-9	MW-14 SVE-11	MW-16	MW-18 SVE-13	MW-24	SVE-10
01/19/09	11:30 AM	4.58	4.64	0.33	0.60	0.21	0.63	0.14	0.53
		18.8	18.6	18.6	18.3	19.6	18.8	18.9	19.5
01/26/09	9:31 AM	4.62	4.97	0.20	0.92	0.38	0.61	0.26	0.33
		18.4	18.1	18.5	18.2	19.5	18.6	18.8	19.1
02/26/09	8:25 AM	4.69	5.10	0.16	1.77	0.18	1.08	0.22	0.61
		18.0	18.3	18.5	18.1	18.8	18.5	18.5	19.0
03/09/09	9:52 AM	4.50	4.44	0.29	4.25	0.29	1.37	0.23	5.63
		18.3	18.4	18.5	18.1	18.8	18.7	18.6	19.1
03/24/09	10:28 AM	4.63	3.66	0.20	3.30	0.26	0.75	0.22	4.41
		17.8	17.9	18.1	17.7	18.5	18.2	18.5	18.4
04/06/09	9:45 AM	4.12	3.80	0.20	4.15	0.22	0.41	0.20	4.79
		16.9	17.5	17.9	17.2	17.6	17.8	17.9	18.2
04/20/09	10:00 AM	4.99	3.81	0.31	5.30	0.56	0.60	0.32	4.24
		17.8	17.9	18.0	17.7	18.4	18.1	18.2	18.4
05/11/09	10:18 AM	4.99	3.51	0.29	2.05	0.17	0.35	0.15	2.62
		17.6	18.0	17.9	17.6	18.4	18.1	18.4	18.4
06/01/09	10:40 AM	4.85	3.04	0.23	2.06	0.24	0.25	0.19	3.24
		18.6	18.7	18.6	18.4	19.2	18.8	19.0	19.1
06/15/09	9:15 AM	4.73	2.72	0.20	2.33	0.17	0.22	0.19	2.44
		19.2	18.9	18.6	18.8	19.5	18.9	19.2	19.1
07/14/09	9:55 AM	4.38	0.31	0.19	3.94	0.17	0.23	0.18	0.22
		19.0	18.8	18.8	19.0	19.4	19.1	19.2	19.3
07/27/09	10:51 AM	4.10	0.38	0.21	2.67	0.15	0.26	0.20	0.28
		19.4	18.9	19.0	19.3	19.5	19.2	19.2	19.7
08/12/09	9:20 AM	4.07	0.49	0.24	1.27	0.36	0.21	0.23	0.32
		18.8	18.5	18.6	18.7	19.5	18.9	18.9	19.3
08/31/09	9:24 AM	4.43	1.00	0.32	2.63	0.49	0.36	0.30	0.53
		18.8	18.6	18.7	18.9	19.3	18.9	18.9	19.5
09/16/09	9:11 AM	4.11	0.55	0.29	1.21	0.54	0.29	0.27	0.55
		18.6	18.5	18.7	18.8	19.4	18.9	18.8	19.5
10/05/09	9:50 AM	4.52	0.35	0.32	2.70	0.61	0.32	0.29	0.84
		19.2	18.9	19.1	19.3	19.7	19.2	19.0	20.0
10/26/09	1:05 PM	5.08	1.36	0.36	5.95	0.65	0.82	0.32	1.53
		18.1	18.2	18.3	16.9	18.8	18.7	18.3	19.7
11/10/09	10:30 AM	5.31	1.50	0.40	2.40	0.70	0.66	0.40	0.97
		18.4	18.5	18.8	18.7	19.1	18.9	18.5	19.8
11/30/09	9:40 AM	5.29	0.51	0.35	1.41	0.58	0.87	0.24	0.86
		17.4	17.8	18.1	18.3	18.6	18.0	17.7	18.7

Table 5
Dissolved Oxygen Field Data
 ConocoPhillips - East Hobbs Junction
 Hobbs, New Mexico

Date	Time	Monitoring Point - DO Measurements = Milligrams per Liter							
		- Temperature Measurements = Degrees Celsius							
		MW-4 SVE-1	MW-5 SVE-2	MW-12 SVE-9	MW-14 SVE-11	MW-16	MW-18 SVE-13	MW-24	SVE-10
12/22/09	9:24 AM	4.71	3.98	0.26	1.18	0.59	1.40	0.30	0.75
		18.4	18.2	18.2	18.5	18.7	18.1	18.1	19.0
01/11/10	9:50 AM	4.82	3.52	0.24	1.04	0.54	1.34	0.14	0.30
		18.0	18.1	18.0	18.1	18.4	18.1	18.3	18.9
01/25/10	10:07 AM	5.36	4.01	0.42	1.30	0.67	0.65	0.29	0.49
		18.0	18.0	18.2	18.2	18.3	18.4	18.4	18.6
02/22/10	9:39 AM	4.06	3.77	0.20	0.73	0.44	0.21	0.15	0.38
		18.0	17.8	17.7	17.8	18.4	17.9	18.1	18.6
03/08/10	9:30 AM	3.80	3.82	0.17	1.33	0.46	0.16	0.12	1.94
		18.3	18.5	18.5	18.3	18.7	18.7	18.7	18.9
03/22/10	10:25 AM	4.20	3.93	0.39	1.73	0.67	0.31	0.21	4.26
		17.9	18.2	17.8	17.8	18.4	18.0	18.4	18.4
04/05/10	9:27 AM	3.96	3.75	0.29	1.40	0.40	0.25	0.27	4.39
		18.7	18.7	18.6	18.4	19.1	18.9	19.0	19.2
04/19/10	10:28 AM	3.91	4.04	0.22	1.73	0.47	0.21	0.18	4.77
		18.2	18.1	18.1	17.8	18.2	18.4	18.5	18.5
05/03/10	9:40 AM	5.71	4.59	0.50	0.76	0.69	0.22	0.19	4.18
		18.1	18.2	18.1	18.0	18.6	18.4	18.6	18.5
05/20/10	10:50 AM	3.60	3.89	0.34	1.81	0.44	0.33	0.20	4.73
		19.1	19.0	18.8	19.0	19.5	19.0	19.3	19.0
06/01/10	8:52 AM	4.06	3.42	0.33	2.00	0.54	0.25	0.20	4.77
		18.9	18.7	18.6	18.4	19.2	18.9	19.0	19.2
06/15/10	9:05 AM	5.60	4.96	0.85	1.35	0.42	0.25	0.17	4.74
		18.7	18.8	18.7	18.6	19.1	18.8	19.0	19.1
07/19/10	9:22 AM	3.34	2.64	0.26	2.06	0.23	0.19	0.11	4.04
		18.9	18.9	18.8	18.7	19.1	18.9	19.1	19.2
08/09/10	9:48 AM	3.41	0.87	0.21	2.05	0.22	0.18	0.13	2.22
		19.1	19.0	19.0	18.9	19.4	19.2	19.3	19.6
08/30/10	9:16 AM	3.66	0.17	0.17	1.06	0.12	0.20	0.11	1.93
		19.0	18.6	18.8	18.7	19.2	18.8	18.9	19.3
09/13/10	10:15 AM	3.74	0.20	0.17	0.70	0.16	0.14	0.09	1.36
		19.2	18.8	19.1	19.0	19.4	19.1	19.0	19.5
09/27/10	9:54 AM	3.55	0.20	0.14	0.86	0.33	0.15	0.08	0.92
		18.4	18.3	18.6	18.6	19.0	18.7	18.6	19.2
10/12/10	9:32 AM	3.62	0.21	0.13	1.30	0.35	0.13	0.10	0.58
		18.4	18.3	18.7	18.7	19.0	18.7	18.5	19.4
10/24/10	9:20 AM	3.61	0.31	0.16	0.85	3.00	0.19	0.10	0.84
		18.6	18.5	18.8	18.8	19.1	18.8	18.7	19.4

Table 5
Dissolved Oxygen Field Data
 ConocoPhillips - East Hobbs Junction
 Hobbs, New Mexico

Date	Time	Monitoring Point - DO Measurements = Milligrams per Liter							
		- Temperature Measurements = Degrees Celsius							
		<u>MW-4</u> SVE-1	<u>MW-5</u> SVE-2	<u>MW-12</u> SVE-9	<u>MW-14</u> SVE-11	<u>MW-16</u>	<u>MW-18</u> SVE-13	<u>MW-24</u>	SVE-10
11/09/10	9:27 AM	3.94	0.18	0.17	1.20	0.42	0.17	0.09	1.14
		18.4	18.4	18.7	18.7	19.0	18.6	18.5	19.3
12/06/10	10:22 AM	4.05	0.30	0.27	1.30	0.47	0.26	0.11	0.60
		17.6	17.6	18.2	18.0	17.9	17.8	17.6	18.7
01/24/11	10:04 AM	4.10	3.63	0.32	0.28	0.16	0.24	0.13	0.75
		17.9	18.2	18.3	18.0	18.0	18.4	18.1	18.9
02/14/11	11:22 AM	4.56	3.70	0.20	0.50	0.08	0.17	0.05	1.30
		18.6	18.4	18.6	18.5	18.8	18.7	18.8	19.4

Notes:

SVE = Soil Vapor Extraction
 MW = Monitoring Well
 DO = Dissolved Oxygen

APPENDIX A
Surveyor's Report
And
Hydrographs

SECTION 8, TOWNSHIP 19 SOUTH, RANGE 38 EAST, N.M.P.M.
LEA COUNTY NEW MEXICO



MW-24						
NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	ELEVATION TOP OF CASING	ELEVATION CONCRETE PAD	ELEVATION NATURAL GROUND
N:613497.3	E:900250.6	32°40'52.05"N	103°10'00.60"W	3608.89	3606.04	3605.77

MW-25						
NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	ELEVATION TOP OF CASING	ELEVATION CONCRETE PAD	ELEVATION NATURAL GROUND
N:613471.7	E:900149.9	32°40'51.81"N	103°10'01.78"W	3609.81	3607.29	3606.87

MW-26						
NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	ELEVATION TOP OF CASING	ELEVATION CONCRETE PAD	ELEVATION NATURAL GROUND
N:613494.8	E:901047.7	32°40'51.94"N	103°09'51.27"W	3604.86	3602.11	3601.74

MW-27						
NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	ELEVATION TOP OF CASING	ELEVATION CONCRETE PAD	ELEVATION NATURAL GROUND
N:613413.9	E:900979.2	32°40'51.15"N	103°09'52.08"W	3604.99	3602.18	3601.84

LEGEND

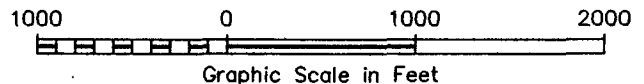
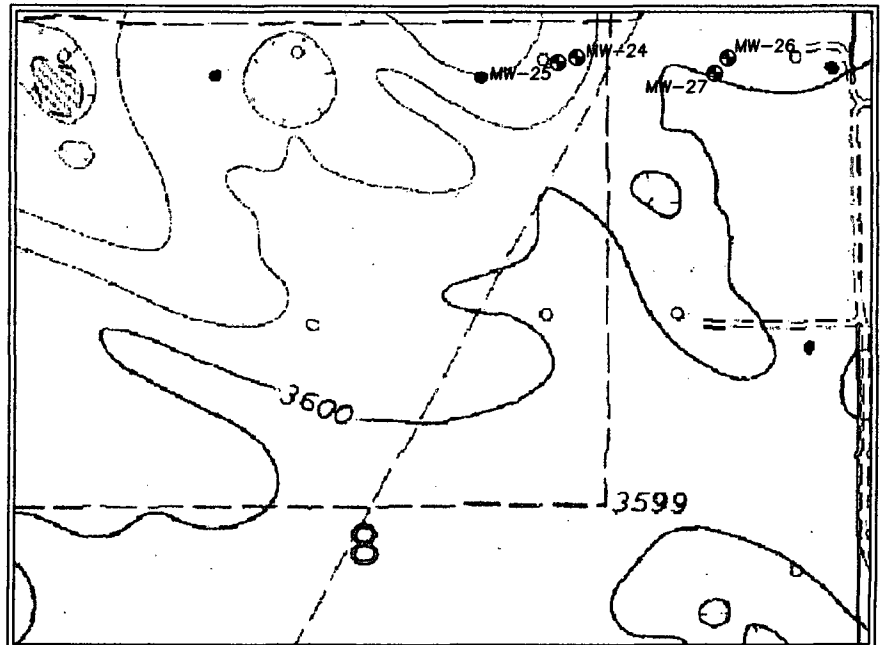
● - Denotes Monitor Well

NOTE:

- 1) Plane Coordinates shown hereon are Transverse Mercator Grid and Conform to the "New Mexico Coordinate System", New Mexico East Zone, North American Datum of 1983.
- 2) Elevations reference the North American Vertical Datum of 1988.
- 3) Geodetic Coordinates shown hereon references the North American Datum of 1983, (Clarke Spheroid of 1866). Reference Stations - "ODESSA RRP2" - CORS (DF5393), "LUBBOCK RRP2" - CORS (DF5391) and "PORTALESAP NM 2005" - CORS (DF5391).

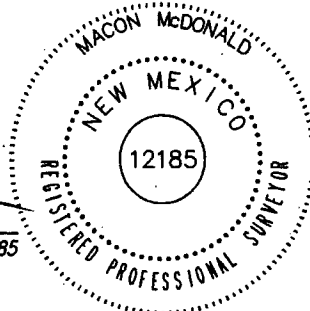
SURVEYOR CERTIFICATION

I hereby certify that the monitoring well locations shown on this plat were plotted from field notes of an actual survey made by me or under my direct supervision and the same is true and correct to the best of my belief.



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[Signature]
MACON McDONALD N.M. P.L.S. No. 12185



WEST COMPANY



of MIDLAND, INC. (432) 687-0865 - (432) 687-0868 FAX

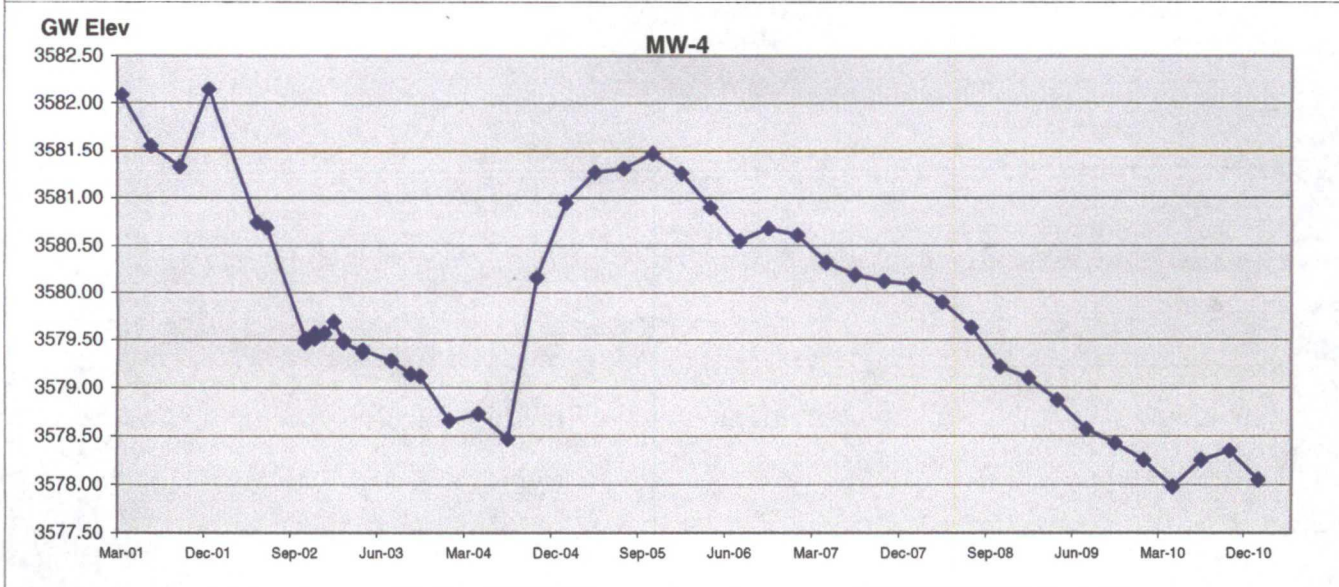
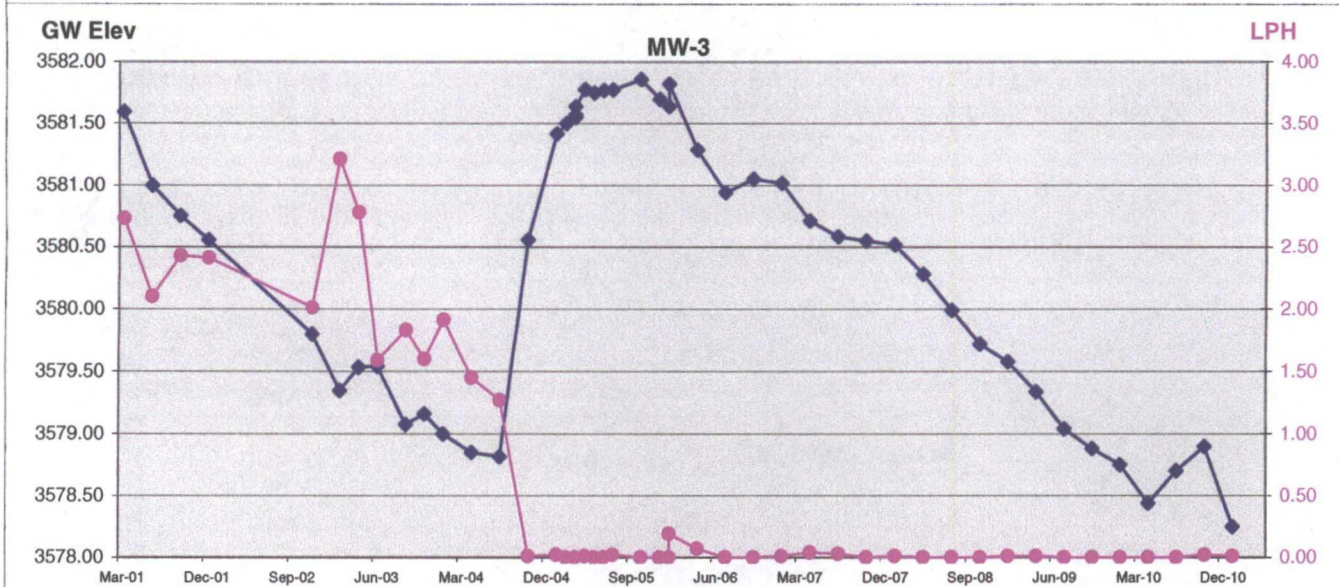
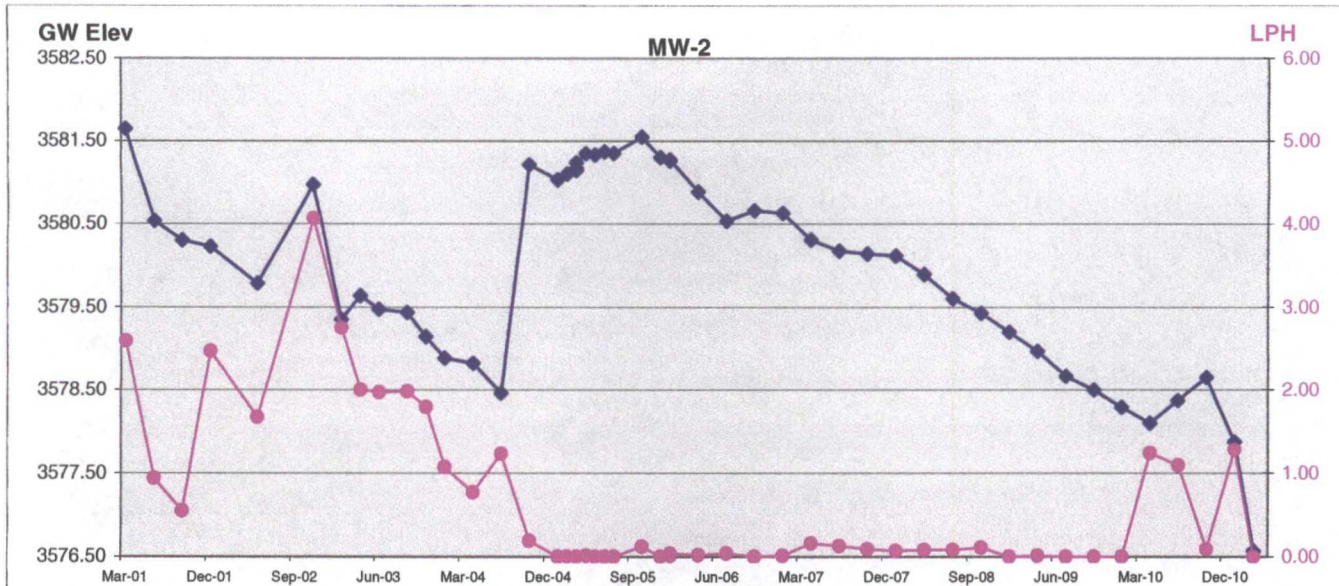
110 W. LOUISIANA, STE. 110
MIDLAND TEXAS, 79701



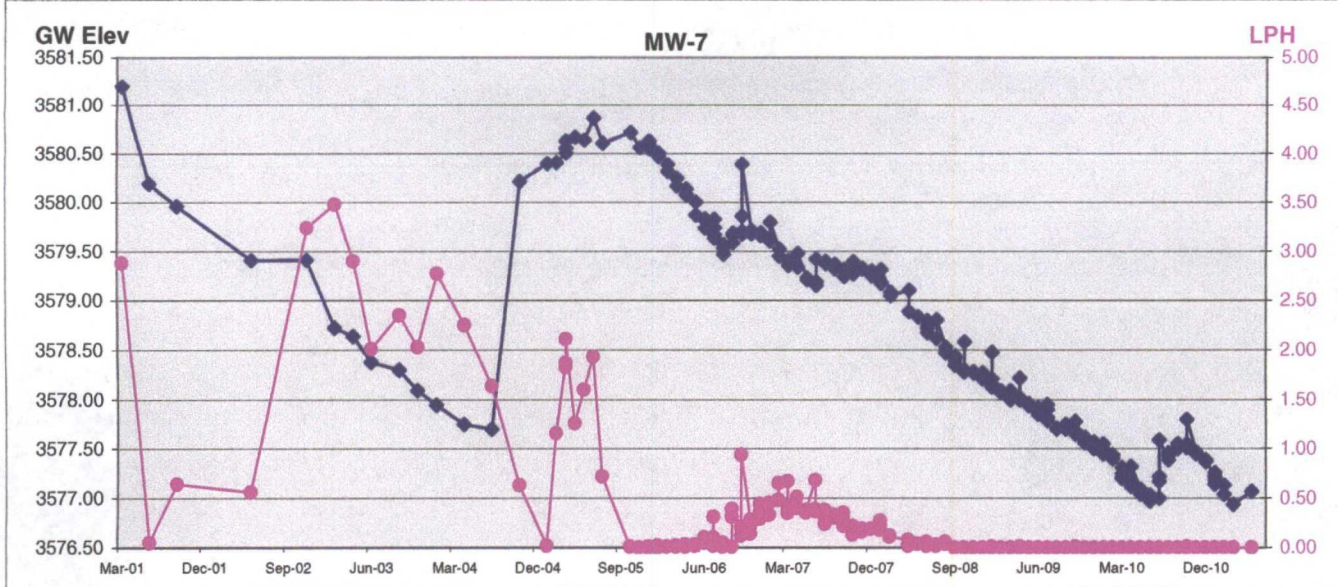
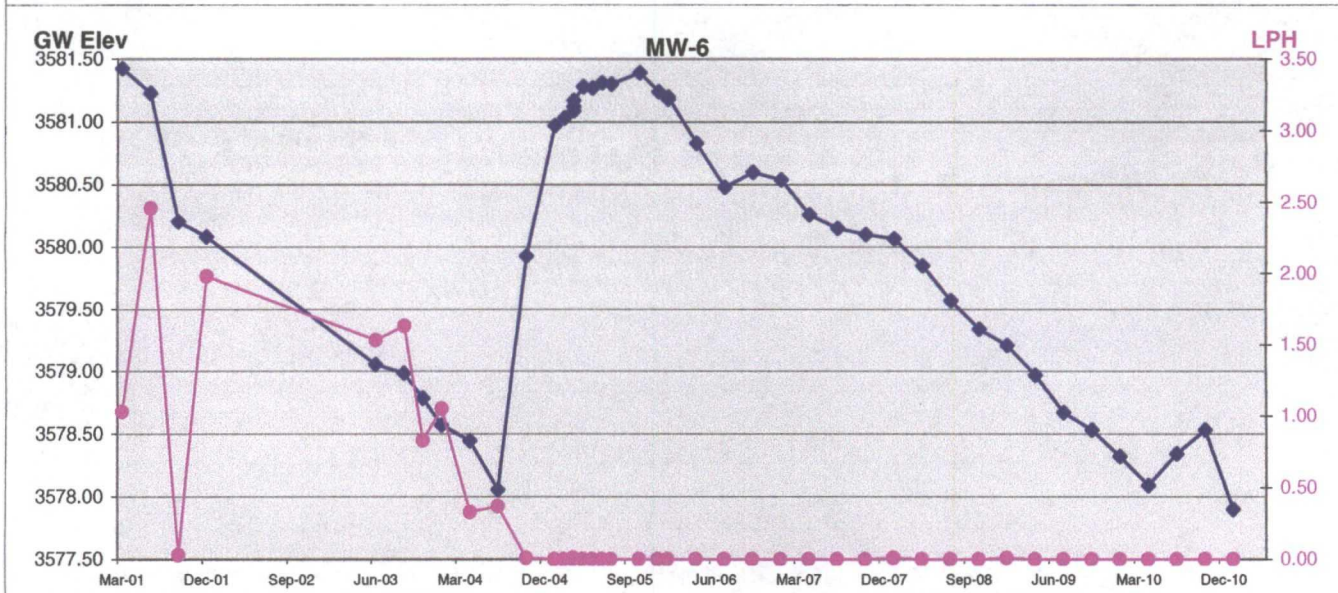
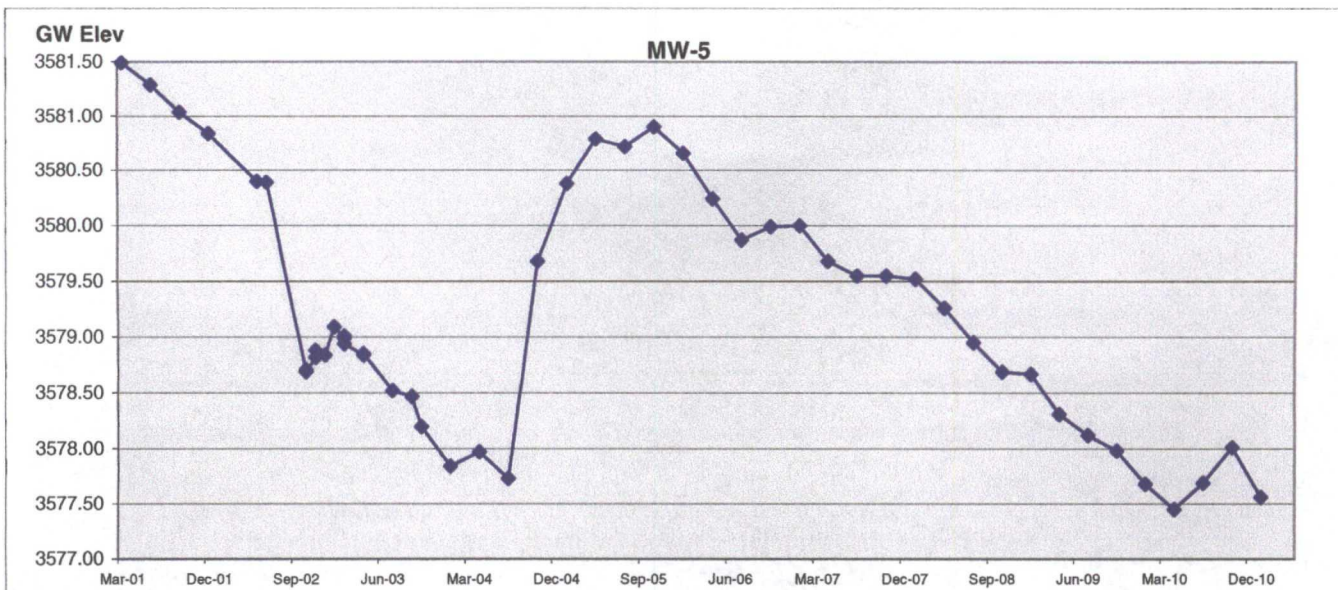
Elevation Survey of
4 MONITORING WELLS
Located At The East Hobbs Junction
Located in Section 8
Township 19 South, Range 38 East, N.M.P.M.
Lea County, New Mexico

Drawn By: DWG	Date: February 1, 2011
Scale: 1" = 1000'	Field Book: 489/49-51
Revision Date:	Quadrangle: Hobbs West
W.O. No: 2011-0203	Dwg. No.: T:Dan/TETRA TECH/2011-0203

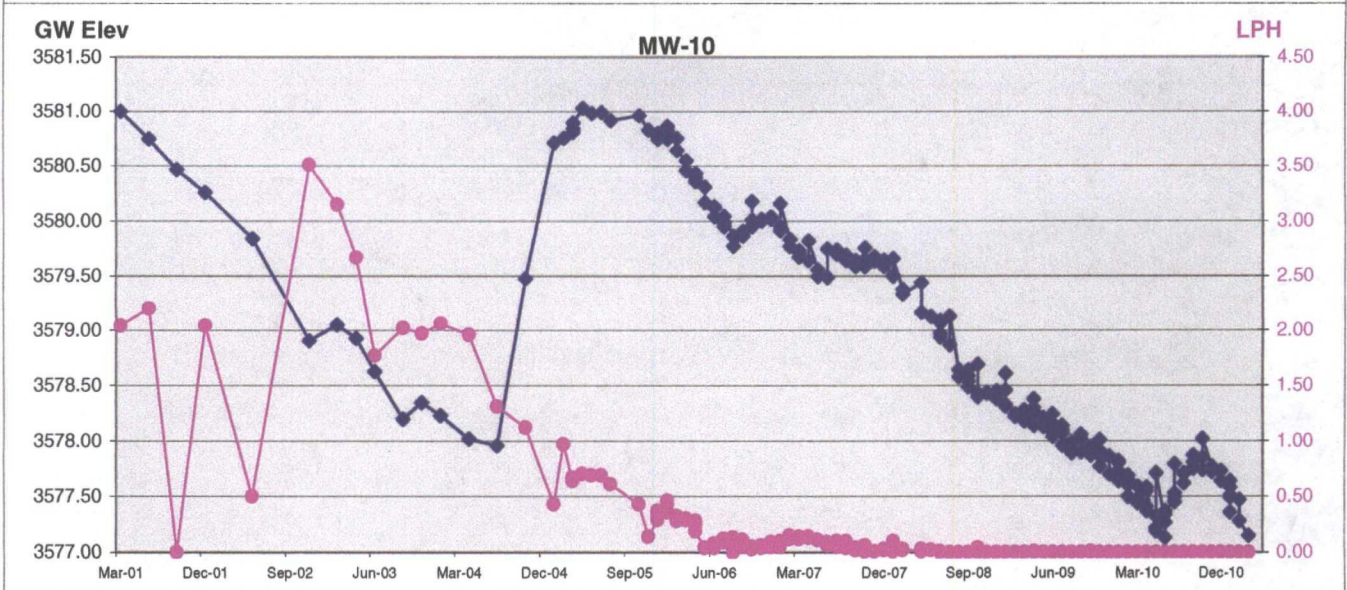
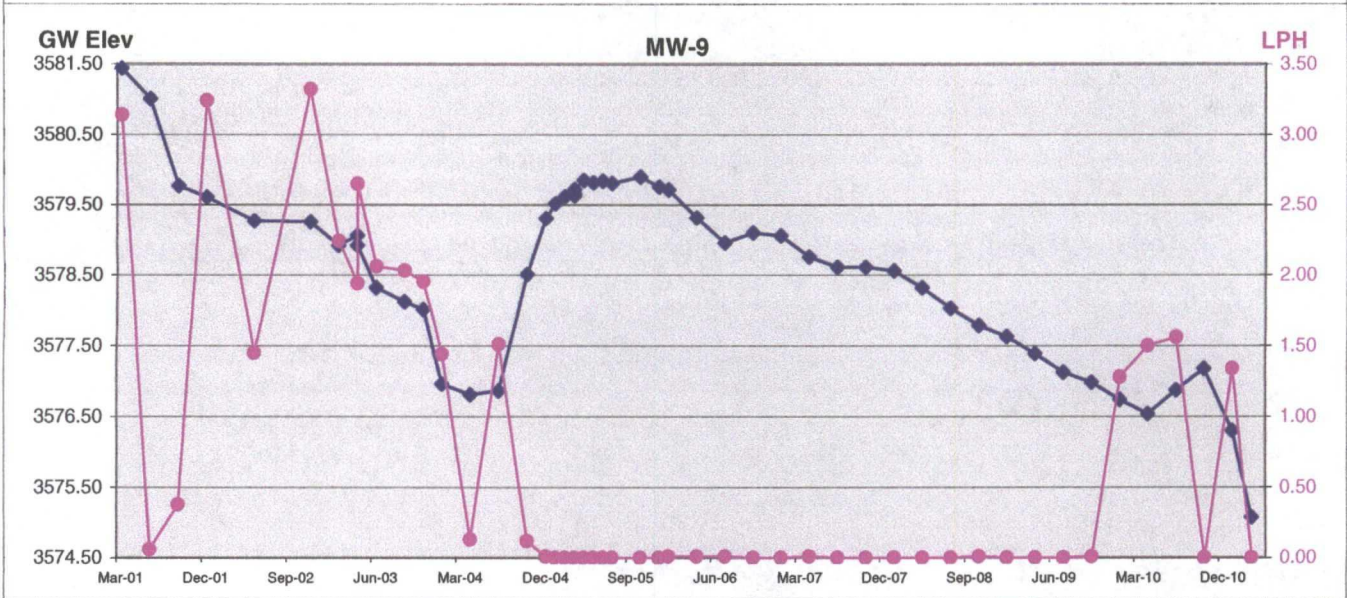
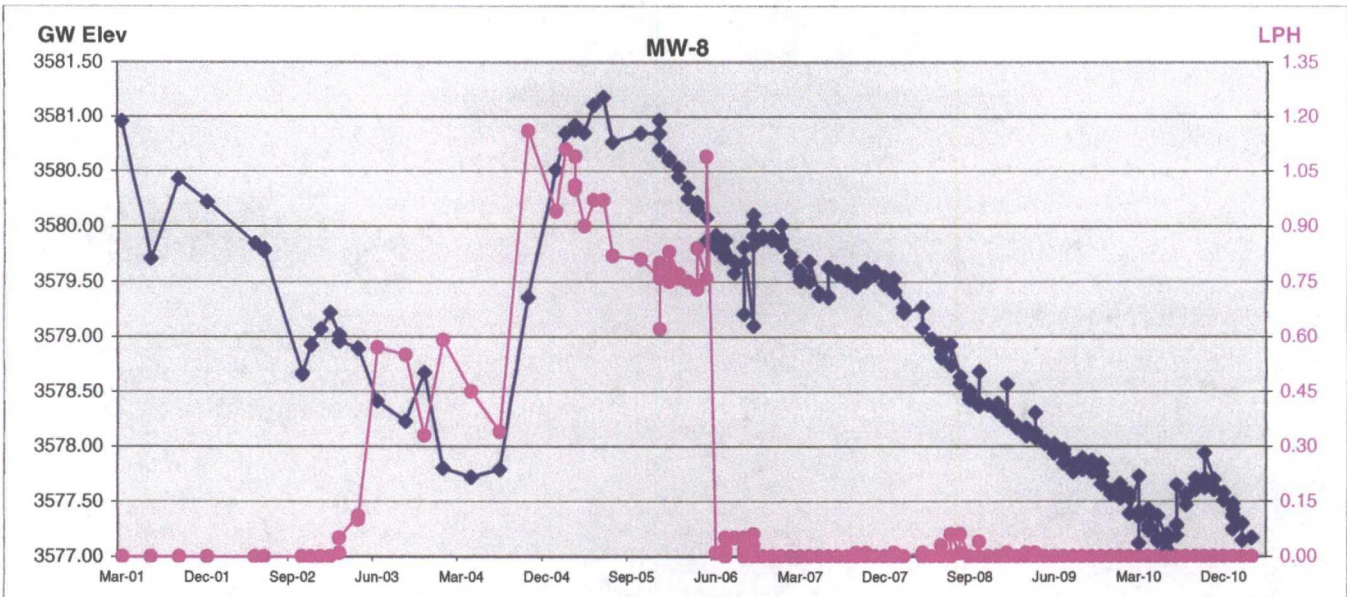
Hydrograph Charts East Hobbs Junction



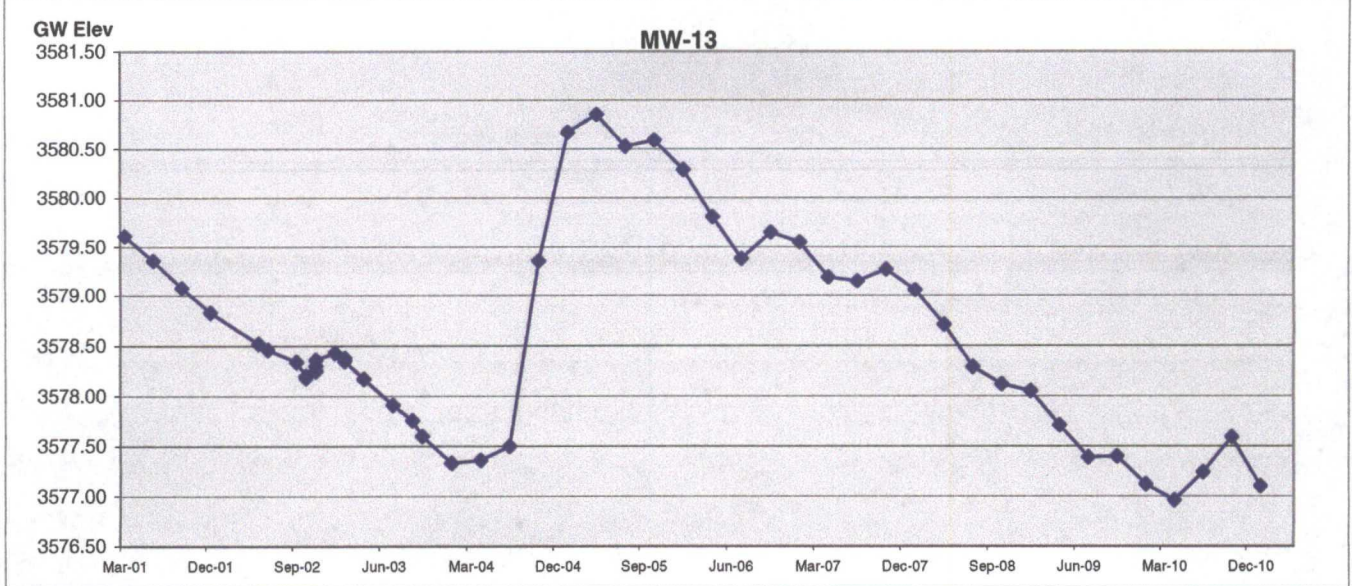
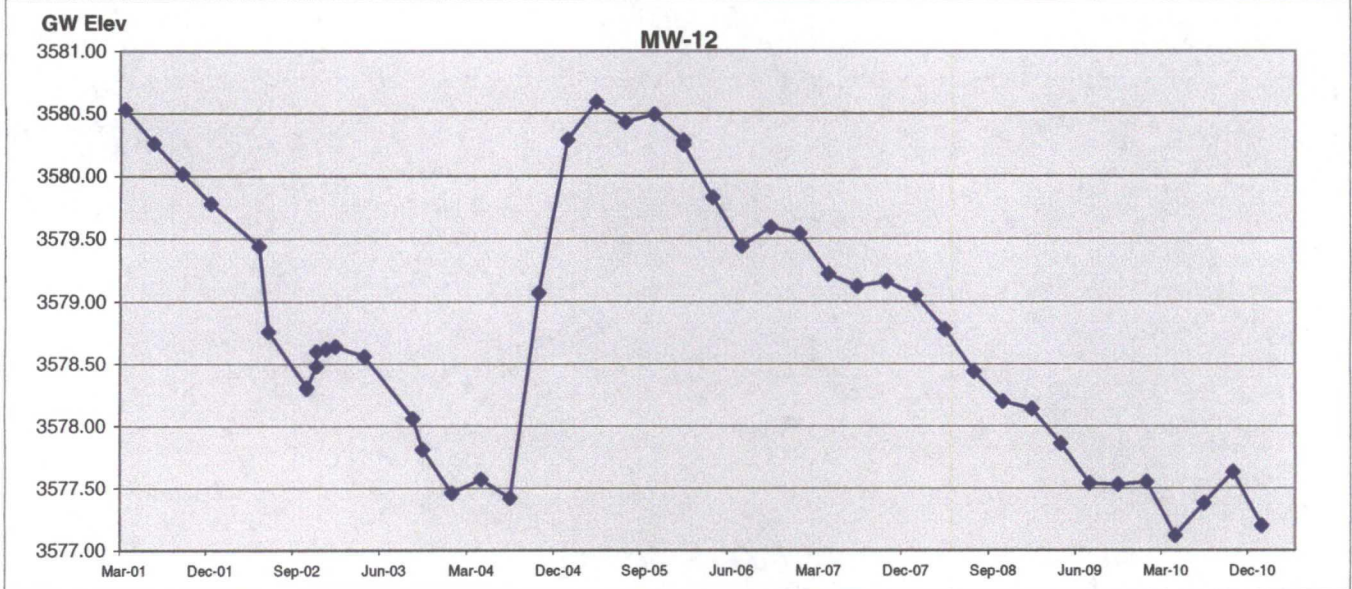
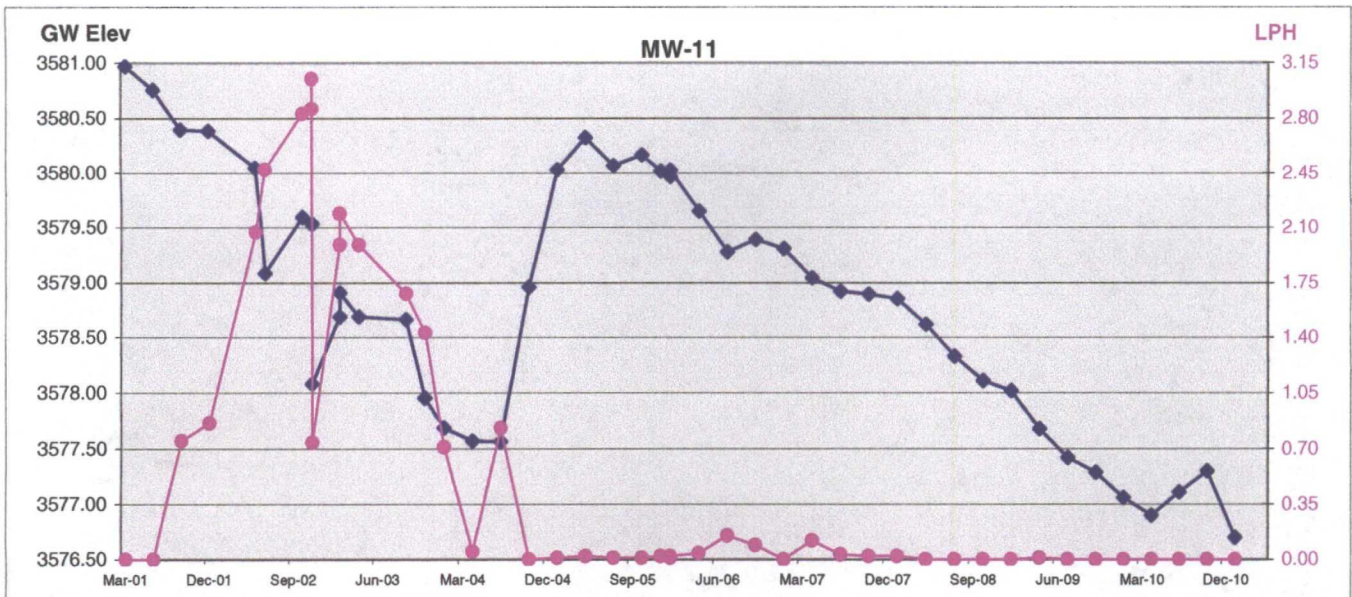
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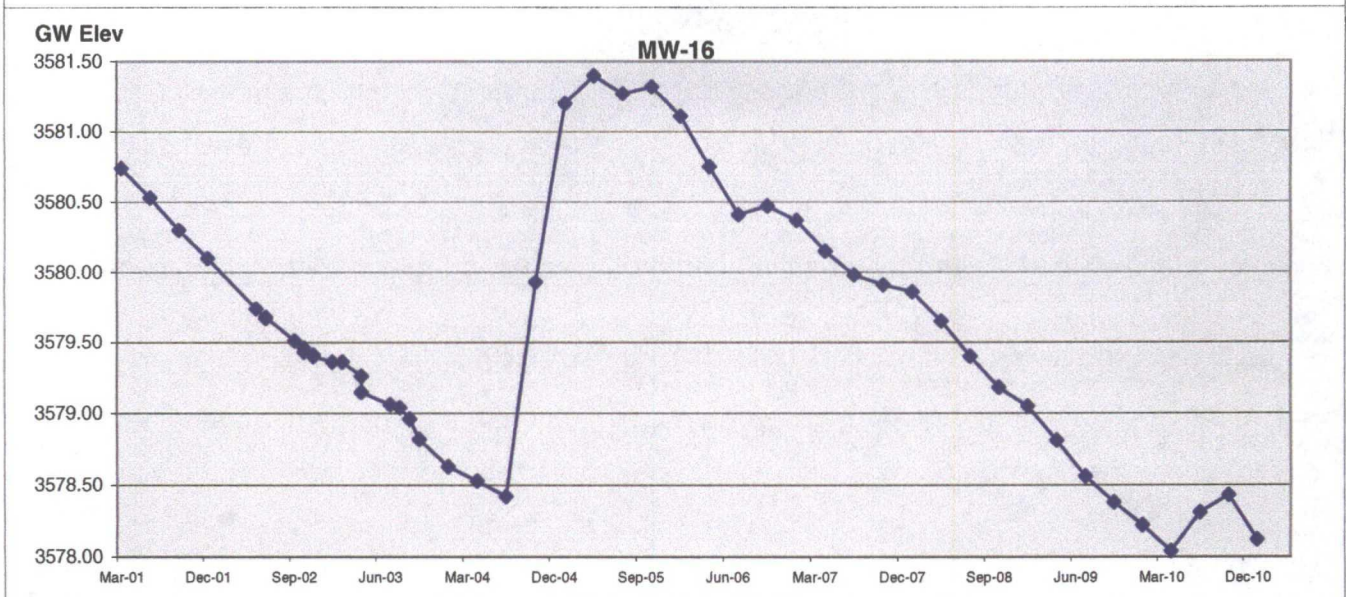
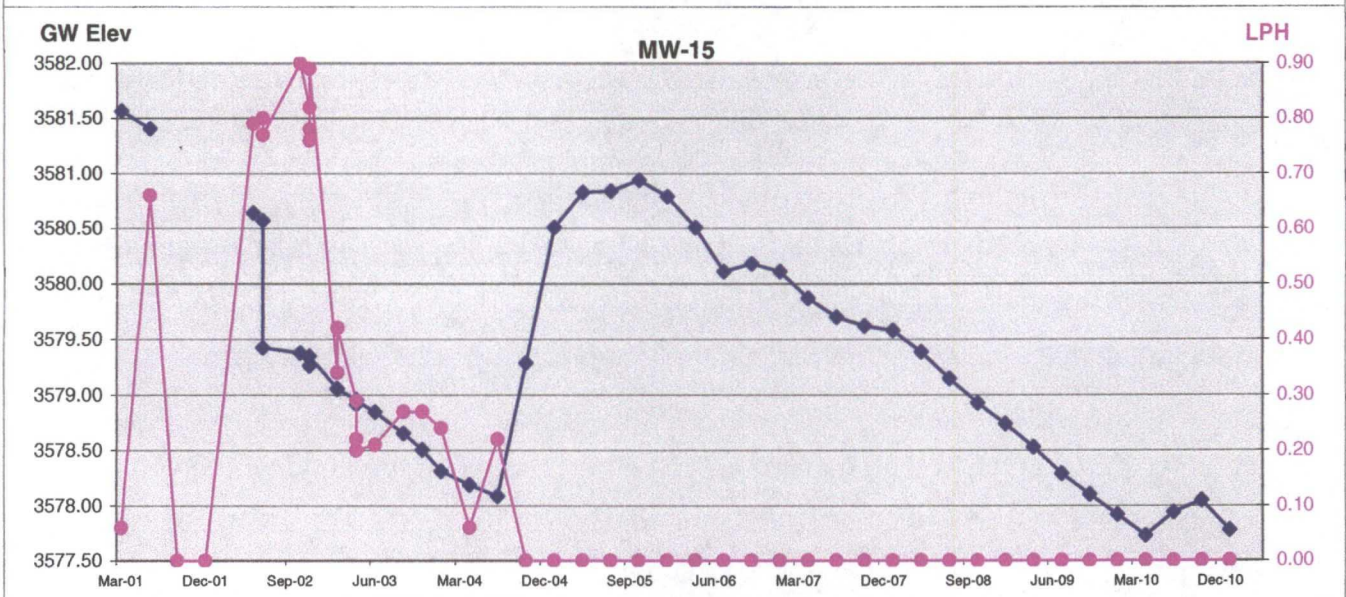
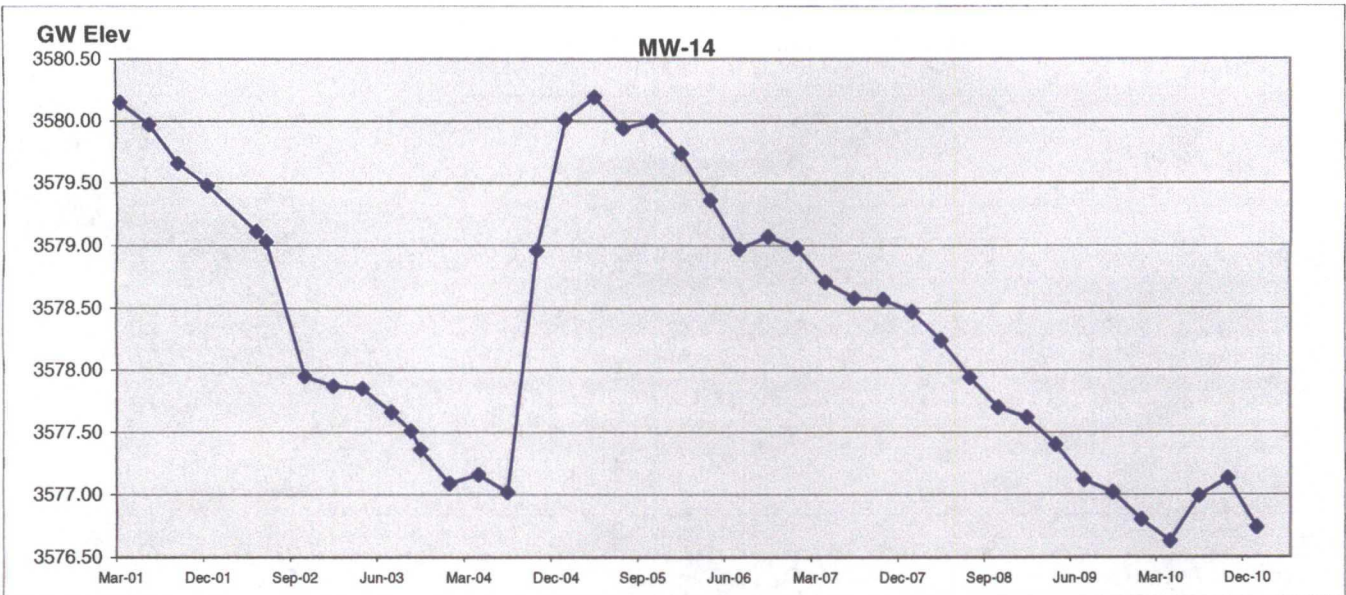
Hydrograph Charts East Hobbs Junction



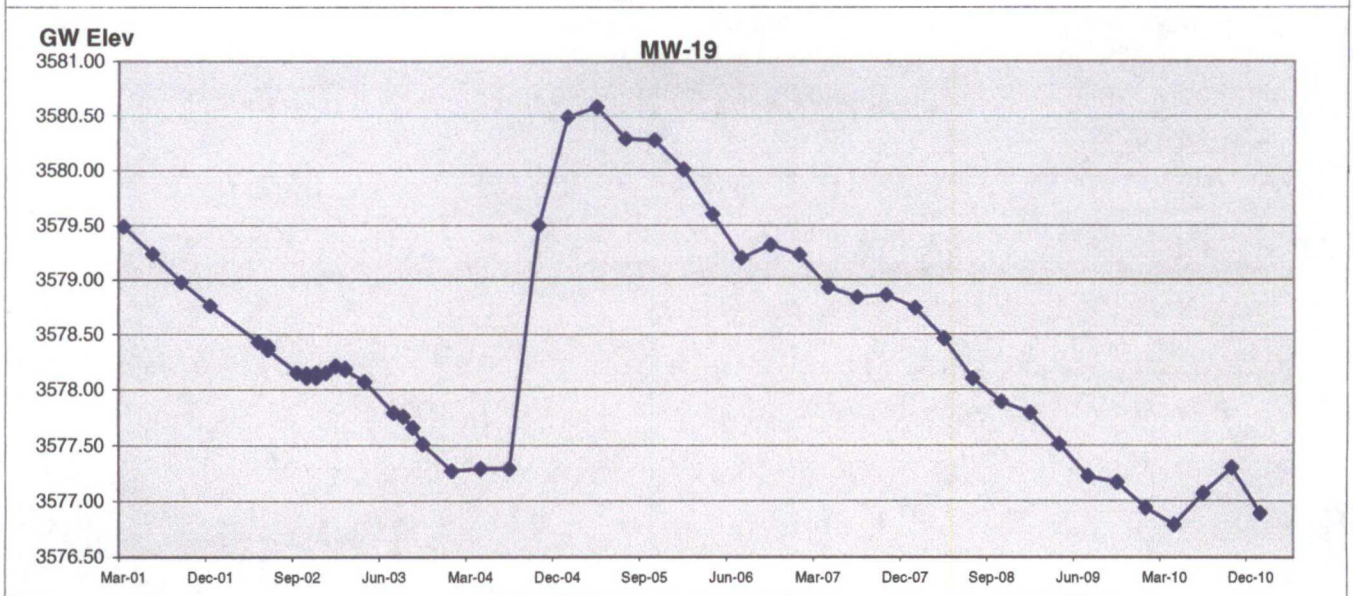
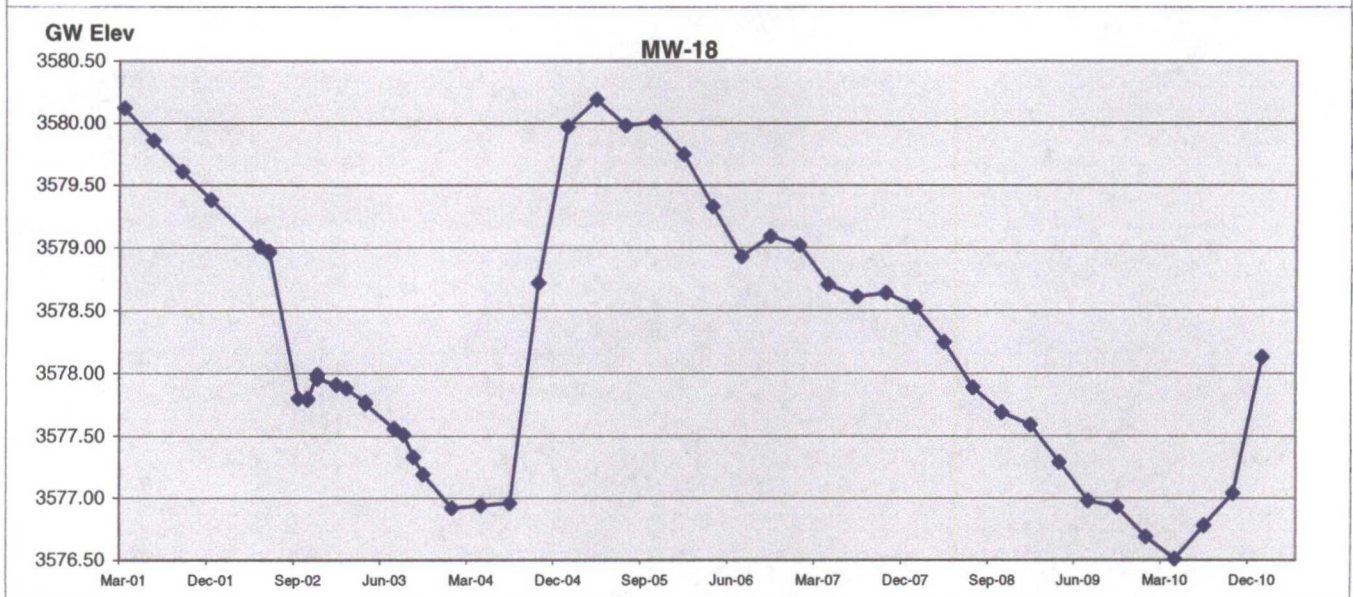
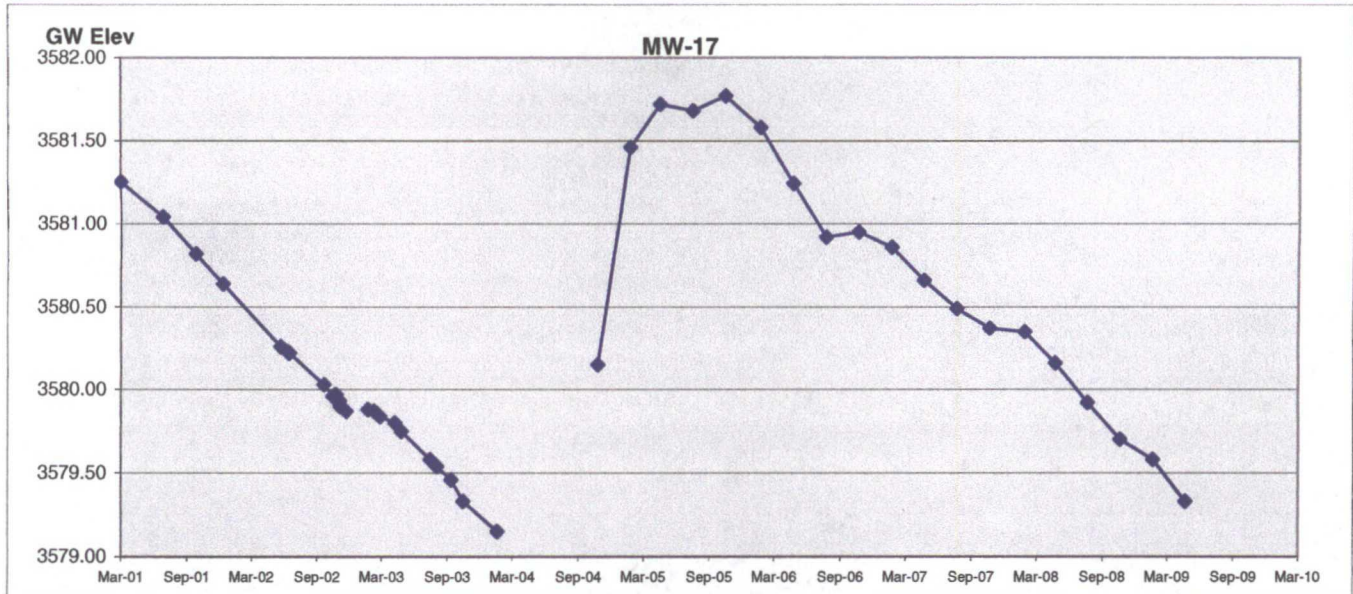
Hydrograph Charts East Hobbs Junction



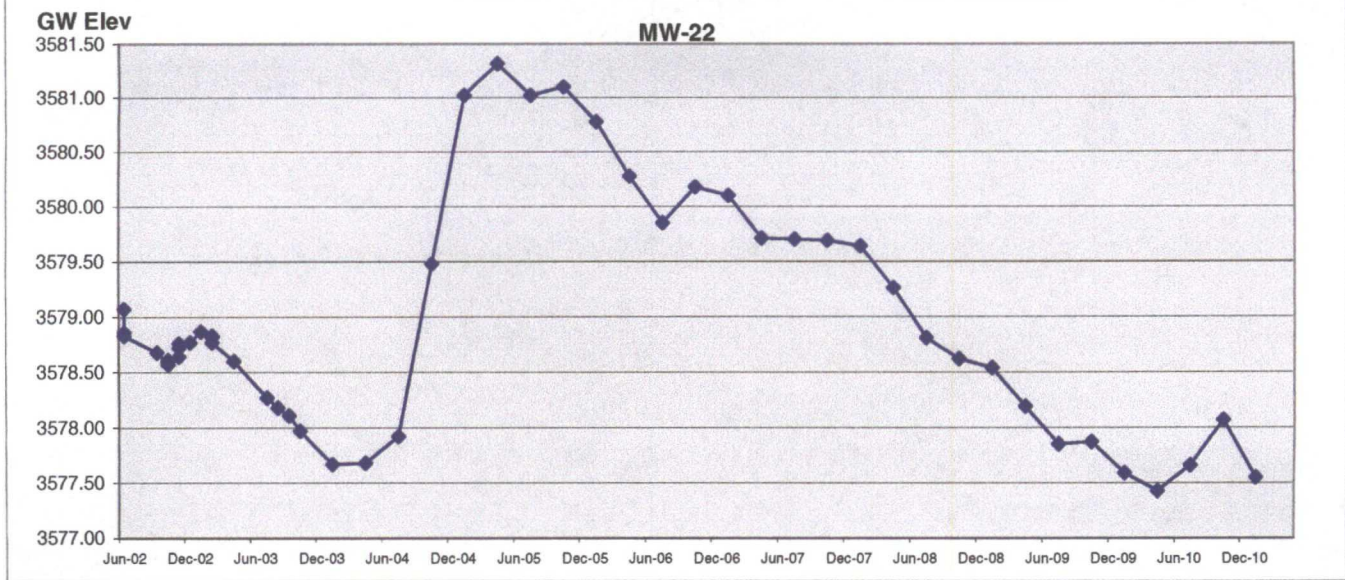
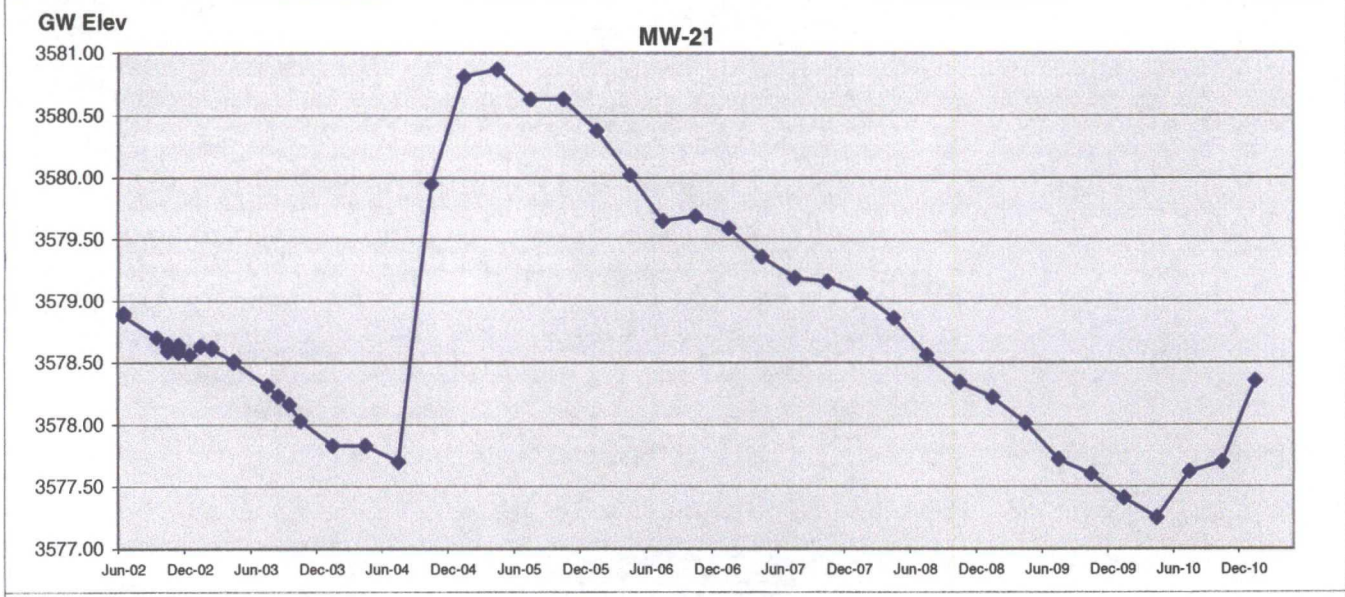
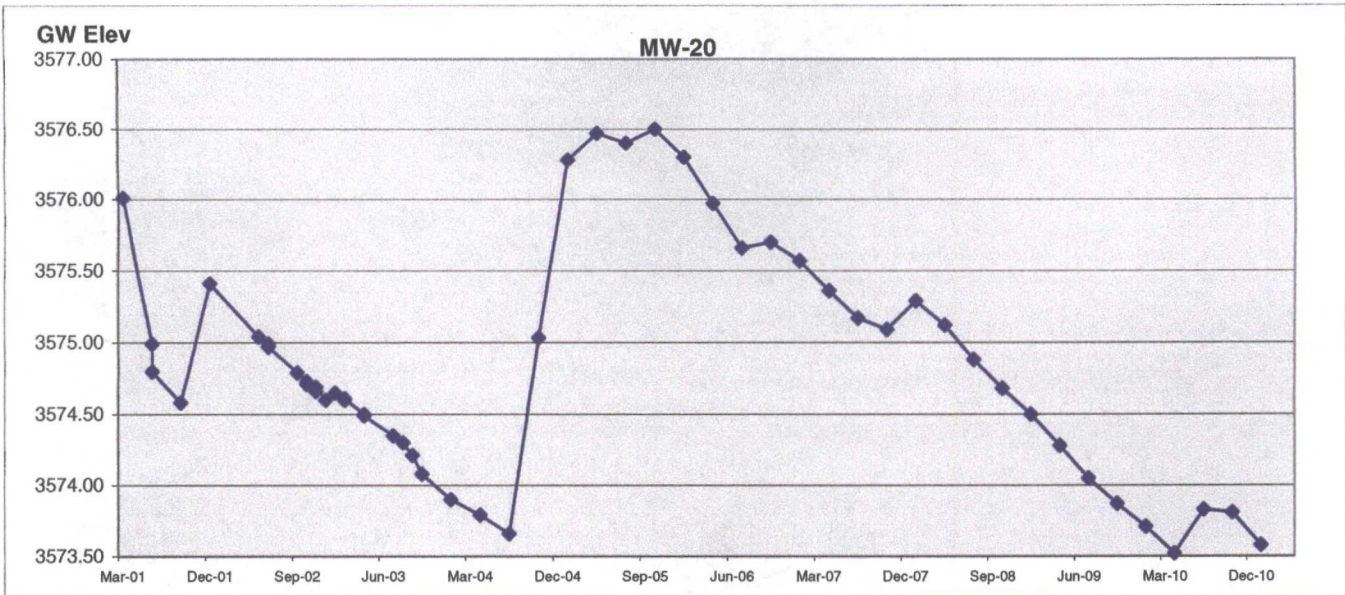
Hydrograph Charts East Hobbs Junction



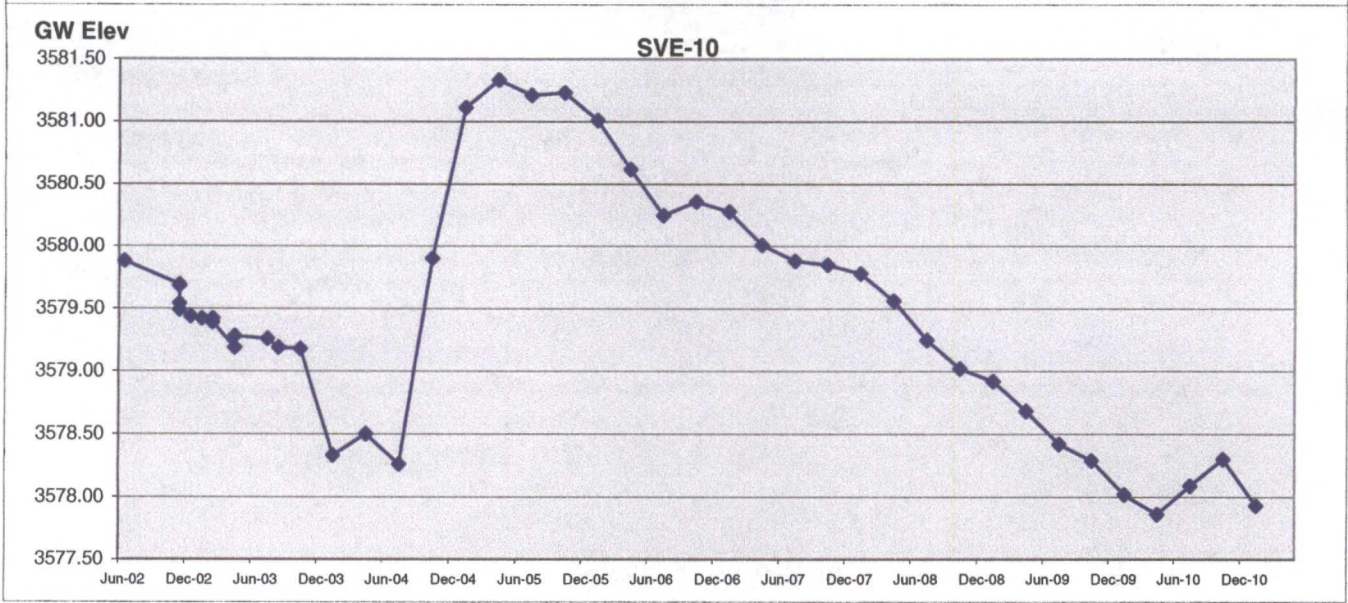
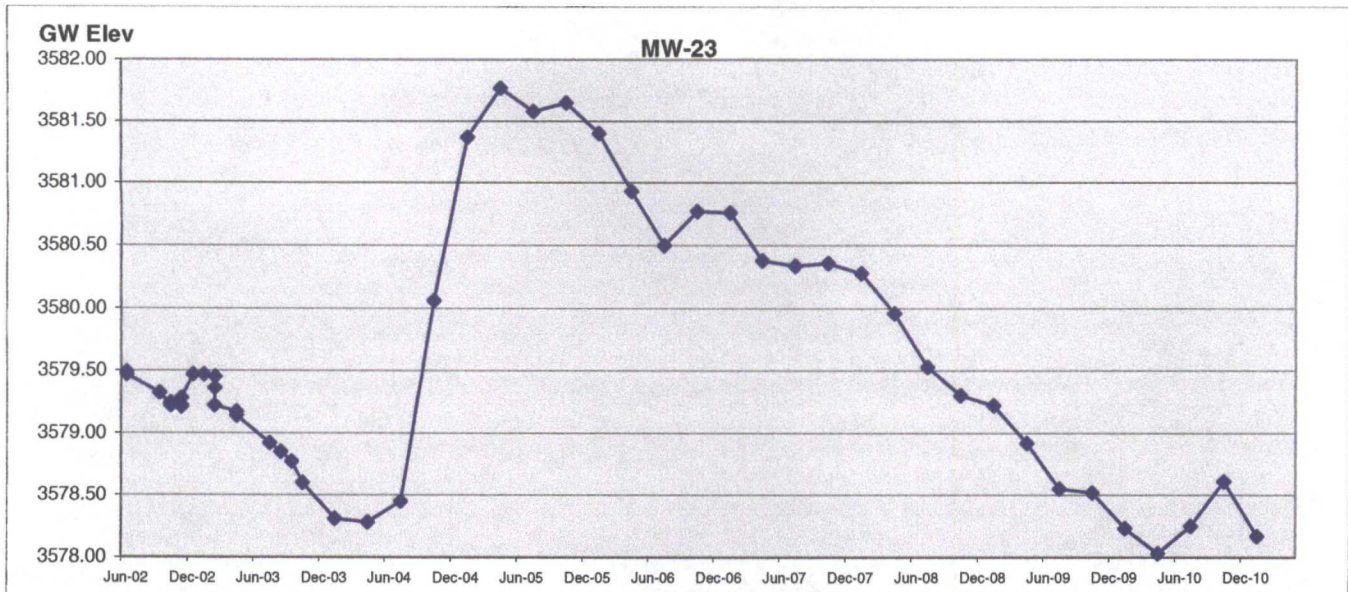
Hydrograph Charts East Hobbs Junction



Hydrograph Charts East Hobbs Junction



Hydrograph Charts East Hobbs Junction



APPENDIX B
Laboratory Analytical Data



Certificate of Analysis

May 13, 2010

Workorder: H10040617

Greg W. Pope, PG
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Project: East Hobbs Junction, Hobbs, NM
Project Number: East Hobbs Junction / 114-6400485
Site: East Hobbs Junction, Hobbs, NM
PO Number: ENFOS PO 4513254919
NELAC Cert. No.: T104704205-09-1

This Report Contains A Total Of 72 Pages

Excluding Any Attachments



Certificate of Analysis

May 13, 2010

Workorder: H10040617

Greg W Pope, PG
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Project: East Hobbs Junction, Hobbs, NM
Project Number: East Hobbs Junction / 114-6400485
Site: East Hobbs Junction, Hobbs, NM
PO Number: ENFOS PO 4513254919
NELAC Cert. No.: T104704205-09-1

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II: ANALYSES AND EXCEPTIONS:

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.

SW8015B - Diesel Range Organics analysis:

Due to limited sample volume, a Matrix Spike (MS) or Matrix Spike Duplicate (MSD) was not extracted for Batch IDs: EXTO/1683 and EXTO/1684. 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.

SW8021B - Purgeable Aromatics analysis:

Your sample ID "Dup 1" (SPL ID: H10040617022) was randomly selected for use in SPL's quality control program for Batch ID GCVW/1633. The Matrix Spike (MS) recovery was outside of the advisable quality control limits for Benzene 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.

III. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report (" mg/kg-dry " or " ug/kg-dry ").

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.



Certificate of Analysis

May 13, 2010

Workorder: H10040617

Greg W Pope, PG
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Project: East Hobbs Junction, Hobbs, NM
Project Number: East Hobbs Junction / 114-6400485
Site: East Hobbs Junction, Hobbs, NM
PO Number: ENFOS PO 4513254919
NELAC Cert. No.: T104704205-09-1

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.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or by his designee, as verified by the following signature.

Erica Cardenas, Senior Project Manager

Enclosures



SAMPLE SUMMARY

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID	Sample ID	Matrix	COC ID	Date/Time Collected	Date/Time Received
H10040617001	MW-21	Water		4/27/2010 13:05	4/29/2010 09:15
H10040617002	MW-16	Water		4/27/2010 13:20	4/29/2010 09:15
H10040617003	MW-20	Water		4/27/2010 13:30	4/29/2010 09:15
H10040617004	MW-25	Water		4/27/2010 13:45	4/29/2010 09:15
H10040617005	MW-24	Water		4/27/2010 14:00	4/29/2010 09:15
H10040617006	MW-4	Water		4/27/2010 15:05	4/29/2010 09:15
H10040617007	MW-5	Water		4/27/2010 15:20	4/29/2010 09:15
H10040617008	MW-26	Water		4/27/2010 15:40	4/29/2010 09:15
H10040617009	MW-27	Water		4/28/2010 07:40	4/29/2010 09:15
H10040617010	MW-23	Water		4/28/2010 08:00	4/29/2010 09:15
H10040617011	MW-22	Water		4/28/2010 08:15	4/29/2010 09:15
H10040617012	MW-13	Water		4/28/2010 08:30	4/29/2010 09:15
H10040617013	MW-19	Water		4/28/2010 09:00	4/29/2010 09:15
H10040617014	MW-14	Water		4/28/2010 09:25	4/29/2010 09:15
H10040617015	MW-18	Water		4/28/2010 09:43	4/29/2010 09:15
H10040617016	MW-12	Water		4/28/2010 10:00	4/29/2010 09:15
H10040617017	SVE-10	Water		4/28/2010 10:20	4/29/2010 09:15
H10040617018	MW-6	Water		4/28/2010 10:45	4/29/2010 09:15
H10040617019	MW-3	Water		4/28/2010 11:05	4/29/2010 09:15
H10040617020	Trip Blank	Water		4/28/2010 11:30	4/29/2010 09:15
H10040617021	Trip Blank 2	Water		4/28/2010 00:00	4/29/2010 09:15
H10040617022	Dup 1	Water		4/27/2010 00:00	4/29/2010 09:15
H10040617023	Dup 2	Water		4/28/2010 00:00	4/29/2010 09:15
H10040617024	MW-15	Water		4/27/2010 14:20	4/29/2010 09:15



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617001
 Sample ID: MW-21

Date/Time Received: 4/29/2010 09:15 Matrix: Water
 Date/Time Collected: 4/27/2010 13:05

WET CHEMISTRY

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	1320		500	126	1000		1285

SEMIVOLATILE HYDROCARBONS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.12		0.050	0.0074	1		1684 1499
n-Pentacosane (S)	81 %		20-150		1		1684 1499

VOLATILES

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.30	1		1634
Ethylbenzene	ND		1.0	0.22	1		1634
Toluene	ND		1.0	0.25	1		1634
m,p-Xylene	ND		1.0	0.30	1		1634
o-Xylene	ND		1.0	0.32	1		1634
Xylenes, Total	ND		1.0	0.30	1		1634
1,4-Difluorobenzene (S)	101 %		70-130		1		1634
4-Bromofluorobenzene (S)	98.7 %		70-130		1		1634
Preservation pH	<2				1		1634

Gasoline Range Organics (GRO)

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617001

Date/Time Received: 4/29/2010 09:15 Matrix: Water

Sample ID: MW-21

Date/Time Collected: 4/27/2010 13:05

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1632
1,4-Difluorobenzene (S)	99.6 %	60-155		1			1632
4-Bromofluorobenzene (S)	101 %	50-158		1			1632



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617002

Date/Time Received: 4/29/2010 09:15

Matrix: Water

Sample ID: MW-16

Date/Time Collected: 4/27/2010 13:20

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1285 EPA 300.0 on 05/05/2010 16:13 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	150		50.0	12.6	100		1285

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 1684 SW-846 8015B DRO LVI on 05/01/2010 14:00 by NLM

Analytical Batches:

Batch: 1499 SW-846 8015B DRO LVI on 05/04/2010 18:29 by AAM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.055		0.050	0.0074	1		1684 1499
n-Pentacosane (S)	59.8 %		20-150		1		1684 1499

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1634 SW-846 8021B on 05/10/2010 18:11 by JWS

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.30	1		1634
Ethylbenzene	ND		1.0	0.22	1		1634
Toluene	ND		1.0	0.25	1		1634
m,p-Xylene	ND		1.0	0.30	1		1634
o-Xylene	ND		1.0	0.32	1		1634
Xylenes, Total	ND		1.0	0.30	1		1634
1,4-Difluorobenzene (S)	98.6 %		70-130		1		1634
4-Bromofluorobenzene (S)	96.5 %		70-130		1		1634
Preservation pH	<2				1		1634

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas

SW-846 8015B GRO Gas Analytical Batches:

Batch: 1632 SW-846 8015B GRO Gas on 05/10/2010 18:11 by JWS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



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ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: **H10040617002**

Date/Time Received: 4/29/2010 09:15 Matrix: Water

Sample ID: **MW-16**

Date/Time Collected: 4/27/2010 13:20

Parameters	Results				Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND	0.10	0.017	1		1632
1,4-Difluorobenzene (S)	100 %	60-155		1		1632
4-Bromofluorobenzene (S)	102 %	50-158		1		1632



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617003

Date/Time Received: 4/29/2010 09:15 Matrix: Water

Sample ID: MW-20

Date/Time Collected: 4/27/2010 13:30

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1285 EPA 300.0 on 05/05/2010 16:32 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	161		50.0	12.6	100		1285

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 1684 SW-846 8015B DRO LVI on 05/01/2010 14:00 by N M

Analytical Batches:

Batch: 1499 SW-846 8015B DRO LVI on 05/04/2010 19:01 by AAM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.12		0.050	0.0074	1		1684 1499
n-Pentacosane (S)	67.5 %		20-150		1		1684 1499

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1634 SW-846 8021B on 05/10/2010 18:38 by JWS

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.30	1		1634
Ethylbenzene	ND		1.0	0.22	1		1634
Toluene	ND		1.0	0.25	1		1634
m,p-Xylene	ND		1.0	0.30	1		1634
o-Xylene	ND		1.0	0.32	1		1634
Xylenes, Total	ND		1.0	0.30	1		1634
1,4-Difluorobenzene (S)	99.6 %		70-130		1		1634
4-Bromofluorobenzene (S)	97.6 %		70-130		1		1634
Preservation pH	<2				1		1634

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas

SW-846 8015B GRO Gas Analytical Batches:

Batch: 1632 SW-846 8015B GRO Gas on 05/10/2010 18:38 by JWS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617003

Date/Time Received: 4/29/2010 09:15 Matrix: Water

Sample ID: MW-20

Date/Time Collected: 4/27/2010 13:30

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1632
1,4-Difluorobenzene (S)	99.4 %	60-155		1			1632
4-Bromofluorobenzene (S)	101 %	50-158		1			1632



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617004

Date/Time Received: 4/29/2010 09:15 Matrix: Water

Sample ID: MW-25

Date/Time Collected: 4/27/2010 13:45

WET CHEMISTRY

Analysis Desc: EPA 300.0		Analytical Batches:					
		Batch: 1285 EPA 300.0 on 05/05/2010 16:51 by CFS					
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt	Batch Information Prep Analysis
Chloride	177		50.0	12.6	100		1285

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO LVI		Preparation Batches:					
		Batch: 1684 SW-846 8015B DRO LVI on 05/01/2010 14:00 by NMM					
Parameters		Analytical Batches:					
		Batch: 1499 SW-846 8015B DRO LVI on 05/04/2010 19:33 by AAM					
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt	Batch Information Prep Analysis
Diesel Range Organics(C10-C28)	0.34		0.050	0.0074	1		1684 1499
n-Pentacosane (S)	63.8 %		20-150		1		1684 1499

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:					
		Batch: 1634 SW-846 8021B on 05/10/2010 19:06 by JWS					
Parameters	Results ug/l	Qual	Report Limit	MDL	DF	RegLmt	Batch Information Prep Analysis
Benzene	ND		1.0	0.30	1		1634
Ethylbenzene	ND		1.0	0.22	1		1634
Toluene	ND		1.0	0.25	1		1634
m,p-Xylene	ND		1.0	0.30	1		1634
o-Xylene	ND		1.0	0.32	1		1634
Xylenes, Total	ND		1.0	0.30	1		1634
1,4-Difluorobenzene (S)	99.2 %		70-130		1		1634
4-Bromofluorobenzene (S)	96.7 %		70-130		1		1634
Preservation pH	<2				1		1634

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:					
		Batch: 1632 SW-846 8015B GRO Gas on 05/10/2010 19:06 by JWS					
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt	Batch Information Prep Analysis



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ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617004
Sample ID: MW-25

Date/Time Received: 4/29/2010 09:15 Matrix: Water
Date/Time Collected: 4/27/2010 13:45

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1632
1,4-Difluorobenzene (S)	100 %	60-155		1			1632
4-Bromofluorobenzene (S)	99.8 %	50-158		1			1632



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617005
 Sample ID: MW-24

Date/Time Received: 4/29/2010 09:15 Matrix: Water
 Date/Time Collected: 4/27/2010 14:00

WET CHEMISTRY

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Chloride	232		25.0	6.30	50			1285

SEMIVOLATILE HYDROCARBONS

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Diesel Range Organics(C10-C28)	0.44		0.050	0.0074	1		1684	1499
n-Pentacosane (S)	48.4 %		20-150		1		1684	1499

VOLATILES

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	ug/l	Qual					Prep	Analysis
Benzene	3.0		1.0	0.30	1			1642
Ethylbenzene	6.0		1.0	0.22	1			1642
Toluene	ND		1.0	0.25	1			1642
m,p-Xylene	ND		1.0	0.30	1			1642
o-Xylene	ND		1.0	0.32	1			1642
Xylenes, Total	ND		1.0	0.30	1			1642
1,4-Difluorobenzene (S)	102 %		70-130		1			1642
4-Bromofluorobenzene (S)	98.2 %		70-130		1			1642
Preservation pH	<2				1			1642

Gasoline Range Organics (GRO)

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617005
Sample ID: MW-24

Date/Time Received: 4/29/2010 09:15 Matrix: Water
Date/Time Collected: 4/27/2010 14:00

Parameters	Results				Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	0.51	0.10	0.017	1		1640
1,4-Difluorobenzene (S)	112 %	60-155		1		1640
4-Bromofluorobenzene (S)	105 %	50-158		1		1640



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617006
 Sample ID: MW-4

Date/Time Received: 4/29/2010 09:15 Matrix: Water
 Date/Time Collected: 4/27/2010 15:05

WET CHEMISTRY

Analysis Desc: EPA 300.0		Analytical Batches:					
		Batch: 1285 EPA 300.0 on 05/05/2010 19:59 by CFS					
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt	Batch Information Prep Analysis
Chloride	68.2		25.0	6.30	50		1285

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO LVI		Preparation Batches:					
		Batch: 1684 SW-846 8015B DRO LVI on 05/01/2010 14:00 by N.M					
Analytical Batches:							
		Batch: 1499 SW-846 8015B DRO LVI on 05/04/2010 20:38 by AAM					
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt	Batch Information Prep Analysis
Diesel Range Organics(C10-C28)	0.072		0.050	0.0074	1		1684 1499
n-Pentacosane (S)	57.8 %		20-150		1		1684 1499

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:					
		Batch: 1634 SW-846 8021B on 05/10/2010 20:01 by JWS					
Parameters	Results ug/l	Qual	Report Limit	MDL	DF	RegLmt	Batch Information Prep Analysis
Benzene	ND		1.0	0.30	1		1634
Ethylbenzene	ND		1.0	0.22	1		1634
Toluene	ND		1.0	0.25	1		1634
m,p-Xylene	ND		1.0	0.30	1		1634
o-Xylene	ND		1.0	0.32	1		1634
Xylenes, Total	ND		1.0	0.30	1		1634
1,4-Difluorobenzene (S)	100 %		70-130		1		1634
4-Bromofluorobenzene (S)	96.8 %		70-130		1		1634
Preservation pH	<2				1		1634

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:					
		Batch: 1632 SW-846 8015B GRO Gas on 05/10/2010 20:01 by JWS					
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt	Batch Information Prep Analysis



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ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617006

Date/Time Received: 4/29/2010 09:15 Matrix: Water

Sample ID: MW-4

Date/Time Collected: 4/27/2010 15:05

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1632
1,4-Difluorobenzene (S)	99.7 %	60-155		1			1632
4-Bromofluorobenzene (S)	101 %	50-158		1			1632



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617007

Date/Time Received: 4/29/2010 09:15 Matrix: Water

Sample ID: MW-5

Date/Time Collected: 4/27/2010 15:20

WET CHEMISTRY

Analysis Desc: EPA 300.0 Analytical Batches:
 Batch: 1285 EPA 300.0 on 05/05/2010 20:18 by GFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	64.6		25.0	6.30	50		1285

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO LVI Preparation Batches:
 Batch: 1684 SW-846 8015B DRO LVI on 05/01/2010 14:00 by N.M.
 Analytical Batches:
 Batch: 1499 SW-846 8015B DRO LVI on 05/04/2010 22:14 by AAM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.078		0.050	0.0074	1		1684 1499
n-Pentacosane (S)	78.2 %		20-150		1		1684 1499

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 1634 SW-846 8021B on 05/10/2010 20:29 by JWS

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.30	1		1634
Ethylbenzene	ND		1.0	0.22	1		1634
Toluene	1.3		1.0	0.25	1		1634
m,p-Xylene	ND		1.0	0.30	1		1634
o-Xylene	ND		1.0	0.32	1		1634
Xylenes, Total	ND		1.0	0.30	1		1634
1,4-Difluorobenzene (S)	101 %		70-130		1		1634
4-Bromofluorobenzene (S)	97.9 %		70-130		1		1634
Preservation pH	<2				1		1634

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 1632 SW-846 8015B GRO Gas on 05/10/2010 20:29 by JWS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617007

Date/Time Received: 4/29/2010 09:15

Matrix: Water

Sample ID: MW-5

Date/Time Collected: 4/27/2010 15:20

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1632
1,4-Difluorobenzene (S)	103 %	60-155		1			1632
4-Bromofluorobenzene (S)	102 %	50-158		1			1632



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617008
 Sample ID: MW-26

Date/Time Received: 4/29/2010 09:15 Matrix: Water
 Date/Time Collected: 4/27/2010 15:40

WET CHEMISTRY

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Chloride	123		25.0	6.30	50			1285

SEMIVOLATILE HYDROCARBONS

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Diesel Range Organics(C10-C28)	0.078		0.050	0.0074	1			1684 1499
n-Pentacosane (S)	50 %		20-150		1			1684 1499

VOLATILES

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	ug/l	Qual					Prep	Analysis
Benzene	ND		1.0	0.30	1			1634
Ethylbenzene	ND		1.0	0.22	1			1634
Toluene	ND		1.0	0.25	1			1634
m,p-Xylene	ND		1.0	0.30	1			1634
o-Xylene	ND		1.0	0.32	1			1634
Xylenes, Total	ND		1.0	0.30	1			1634
1,4-Difluorobenzene (S)	101 %		70-130		1			1634
4-Bromofluorobenzene (S)	97 %		70-130		1			1634
Preservation pH	<2				1			1634

Gasoline Range Organics (GRO)

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis



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ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617008

Date/Time Received: 4/29/2010 09:15 Matrix: Water

Sample ID: MW-26

Date/Time Collected: 4/27/2010 15:40

Parameters	Results				Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND	0.10	0.017	1		1632
1,4-Difluorobenzene (S)	99.9 %	60-155		1		1632
4-Bromofluorobenzene (S)	102 %	50-158		1		1632



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617009
 Sample ID: MW-27

Date/Time Received: 4/29/2010 09:15 Matrix: Water
 Date/Time Collected: 4/28/2010 07:40

WET CHEMISTRY

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	116		25.0	6.30	50		1285

SEMIVOLATILE HYDROCARBONS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.057		0.050	0.0074	1		1684 1499
n-Pentacosane (S)	56.5 %		20-150		1		1684 1499

VOLATILES

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	46		1.0	0.30	1		1634
Ethylbenzene	ND		1.0	0.22	1		1634
Toluene	1.2		1.0	0.25	1		1634
m,p-Xylene	1.5		1.0	0.30	1		1634
o-Xylene	ND		1.0	0.32	1		1634
Xylenes, Total	1.5		1.0	0.30	1		1634
1,4-Difluorobenzene (S)	99.6 %		70-130		1		1634
4-Bromofluorobenzene (S)	96.6 %		70-130		1		1634
Preservation pH	<2				1		1634

Gasoline Range Organics (GRO)

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617009

Date/Time Received: 4/29/2010 09:15 Matrix: Water

Sample ID: MW-27

Date/Time Collected: 4/28/2010 07:40

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	0.15	0.10	0.017	1			1632
1,4-Difluorobenzene (S)	99.5 %	60-155		1			1632
4-Bromofluorobenzene (S)	100 %	50-158		1			1632



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617010
 Sample ID: MW-23

Date/Time Received: 4/29/2010 09:15 Matrix: Water
 Date/Time Collected: 4/28/2010 08:00

WET CHEMISTRY

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	68.6		25.0	6.30	50		1285

SEMIVOLATILE HYDROCARBONS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.0074	1		1684 1499
n-Pentacosane (S)	59.2 %		20-150		1		1684 1499

VOLATILES

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.30	1		1634
Ethylbenzene	ND		1.0	0.22	1		1634
Toluene	ND		1.0	0.25	1		1634
m,p-Xylene	ND		1.0	0.30	1		1634
o-Xylene	ND		1.0	0.32	1		1634
Xylenes, Total	ND		1.0	0.30	1		1634
1,4-Difluorobenzene (S)	100 %		70-130		1		1634
4-Bromofluorobenzene (S)	97.2 %		70-130		1		1634
Preservation pH	<2				1		1634

Gasoline Range Organics (GRO)

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



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ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: **H10040617010**
Sample ID: **MW-23**

Date/Time Received: 4/29/2010 09:15 Matrix: Water
Date/Time Collected: 4/28/2010 08:00

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1632
1,4-Difluorobenzene (S)	100 %	60-155		1			1632
4-Bromofluorobenzene (S)	100 %	50-158		1			1632



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617011

Date/Time Received: 4/29/2010 09:15 Matrix: Water

Sample ID: MW-22

Date/Time Collected: 4/28/2010 08:15

WET CHEMISTRY

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	90.9		25.0	6.30	50		1285

SEMIVOLATILE HYDROCARBONS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.0074	1		1684 1499
n-Pentacosane (S)	60.6 %		20-150		1		1684 1499

VOLATILES

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.30	1		1634
Ethylbenzene	ND		1.0	0.22	1		1634
Toluene	ND		1.0	0.25	1		1634
m,p-Xylene	ND		1.0	0.30	1		1634
o-Xylene	ND		1.0	0.32	1		1634
Xylenes, Total	ND		1.0	0.30	1		1634
1,4-Difluorobenzene (S)	99.6 %		70-130		1		1634
4-Bromofluorobenzene (S)	96.5 %		70-130		1		1634
Preservation pH	<2				1		1634

Gasoline Range Organics (GRO)

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: **H10040617011**

Date/Time Received: 4/29/2010 09:15 Matrix: Water

Sample ID: **MW-22**

Date/Time Collected: 4/28/2010 08:15

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1632
1,4-Difluorobenzene (S)	99.9 %	60-155		1			1632
4-Bromofluorobenzene (S)	100 %	50-158		1			1632



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617012

Date/Time Received: 4/29/2010 09:15

Matrix: Water

Sample ID: MW-13

Date/Time Collected: 4/28/2010 08:30

WET CHEMISTRY

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Chloride	76.7		25.0	6.30	50			1285

SEMIVOLATILE HYDROCARBONS

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.0074	1			1684 1499
n-Pentacosane (S)	53.5 %		20-150		1			1684 1499

VOLATILES

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	ug/l	Qual					Prep	Analysis
Benzene	ND		1.0	0.30	1			1634
Ethylbenzene	ND		1.0	0.22	1			1634
Toluene	ND		1.0	0.25	1			1634
m,p-Xylene	ND		1.0	0.30	1			1634
o-Xylene	ND		1.0	0.32	1			1634
Xylenes, Total	ND		1.0	0.30	1			1634
1,4-Difluorobenzene (S)	100 %		70-130		1			1634
4-Bromofluorobenzene (S)	96.5 %		70-130		1			1634
Preservation pH	<2				1			1634

Gasoline Range Organics (GRO)

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617012

Date/Time Received: 4/29/2010 09:15 Matrix: Water

Sample ID: MW-13

Date/Time Collected: 4/28/2010 08:30

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1632
1,4-Difluorobenzene (S)	99 %	60-155		1			1632
4-Bromofluorobenzene (S)	101 %	50-158		1			1632



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617013
 Sample ID: MW-19

Date/Time Received: 4/29/2010 09:15 Matrix: Water
 Date/Time Collected: 4/28/2010 09:00

WET CHEMISTRY

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Chloride	157		25.0	6.30	50			1289

SEMIVOLATILE HYDROCARBONS

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Diesel Range Organics(C10-C28)	0.098		0.050	0.0074	1			1684 1499
n-Pentacosane (S)	60.1 %		20-150		1			1684 1499

VOLATILES

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	ug/l	Qual					Prep	Analysis
Benzene	ND		1.0	0.30	1			1634
Ethylbenzene	ND		1.0	0.22	1			1634
Toluene	ND		1.0	0.25	1			1634
m,p-Xylene	ND		1.0	0.30	1			1634
o-Xylene	ND		1.0	0.32	1			1634
Xylenes, Total	ND		1.0	0.30	1			1634
1,4-Difluorobenzene (S)	99.5 %		70-130		1			1634
4-Bromofluorobenzene (S)	97.5 %		70-130		1			1634
Preservation pH	<2				1			1634

Gasoline Range Organics (GRO)

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: **H10040617013**
Sample ID: **MW-19**

Date/Time Received: 4/29/2010 09:15 Matrix: Water
Date/Time Collected: 4/28/2010 09:00

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1632
1,4-Difluorobenzene (S)	99.3 %	60-155		1			1632
4-Bromofluorobenzene (S)	101 %	50-158		1			1632



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617014

Date/Time Received: 4/29/2010 09:15 Matrix: Water

Sample ID: MW-14

Date/Time Collected: 4/28/2010 09:25

WET CHEMISTRY

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	190		25.0	6.30	50		1289

SEMIVOLATILE HYDROCARBONS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.14		0.050	0.0074	1		1684 1499
n-Pentacosane (S)	62.9 %		20-150		1		1684 1499

VOLATILES

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.30	1		1642
Ethylbenzene	ND		1.0	0.22	1		1642
Toluene	ND		1.0	0.25	1		1642
m,p-Xylene	ND		1.0	0.30	1		1642
o-Xylene	ND		1.0	0.32	1		1642
Xylenes, Total	ND		1.0	0.30	1		1642
1,4-Difluorobenzene (S)	100 %		70-130		1		1642
4-Bromofluorobenzene (S)	94.9 %		70-130		1		1642
Preservation pH	<2				1		1642

Gasoline Range Organics (GRO)

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



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ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617014

Date/Time Received: 4/29/2010 09:15 Matrix: Water

Sample ID: MW-14

Date/Time Collected: 4/28/2010 09:25

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1640
1,4-Difluorobenzene (S)	99.9 %	60-155		1			1640
4-Bromofluorobenzene (S)	101 %	50-158		1			1640



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617015

Date/Time Received: 4/29/2010 09:15 Matrix: Water

Sample ID: MW-18

Date/Time Collected: 4/28/2010 09:43

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1289 EPA 300.0 on 05/10/2010 15:55 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	170		25.0	6.30	50		1289

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 1684 SW-846 8015B DRO LVI on 05/01/2010 14:01 by NEM

Analytical Batches:

Batch: 1499 SW-846 8015B DRO LVI on 05/05/2010 02:33 by AAM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.37		0.050	0.0074	1		1684 1499
n-Pentacosane (S)	66.4 %		20-150		1		1684 1499

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1642 SW-846 8021B on 05/11/2010 08:35 by JWS DF= 25

Batch: 1642 SW-846 8021B on 05/11/2010 16:20 by JWS DF= 10

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	4300		25	7.6	25		1642
Ethylbenzene	170		10	2.2	10		1642
Toluene	ND		10	2.5	10		1642
m,p-Xylene	130		10	3.0	10		1642
o-Xylene	79		10	3.2	10		1642
Xylenes, Total	209		10	3.0	10		1642
1,4-Difluorobenzene (S)	106 %		70-130		25		1642
1,4-Difluorobenzene (S)	115 %		70-130		10		1642
4-Bromofluorobenzene (S)	97.9 %		70-130		25		1642
4-Bromofluorobenzene (S)	98.6 %		70-130		10		1642
Preservation pH	<2				10		1642

Gasoline Range Organics (GRO)



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617015

Date/Time Received: 4/29/2010 09:15 Matrix: Water

Sample ID: MW-18

Date/Time Collected: 4/28/2010 09:43

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
Batch: 1640 SW-846 8015B GRO Gas on 05/11/2010 08:35 by JWS

Parameters	Results				Batch Information			
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	13		2.5	0.42	25			1640
1,4-Difluorobenzene (S)	105 %		60-155		25			1640
4-Bromofluorobenzene (S)	100 %		50-158		25			1640



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617016
 Sample ID: MW-12

Date/Time Received: 4/29/2010 09:15 Matrix: Water
 Date/Time Collected: 4/28/2010 10:00

WET CHEMISTRY

Analysis Desc: EPA 300.0		Analytical Batches:						Batch Information	
		Batch: 1289 EPA 300.0 on 05/10/2010 16:12 by CFS						Prep	Analysis
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis	
Chloride	171		25.0	6.30	50			1289	

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO LVI		Preparation Batches:						Batch Information	
		Batch: 1684 SW-846 8015B DRO LVI on 05/01/2010 14:01 by N.M						Prep	Analysis
Parameters		Results mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Diesel Range Organics(C10-C28)		0.47		0.050	0.0074	1		1684	1499
n-Pentacosane (S)		75.8 %		20-150		1		1684	1499

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						Batch Information	
		Batch: 1642 SW-846 8021B on 05/11/2010 16:48 by JWS						Prep	Analysis
Parameters	Results ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis	
Benzene	4400		10	3.0	10			1642	
Ethylbenzene	140		10	2.2	10			1642	
Toluene	ND		10	2.5	10			1642	
m,p-Xylene	190		10	3.0	10			1642	
o-Xylene	ND		10	3.2	10			1642	
Xylenes, Total	190		10	3.0	10			1642	
1,4-Difluorobenzene (S)	114 %		70-130		10			1642	
4-Bromofluorobenzene (S)	98 %		70-130		10			1642	
Preservation pH	<2				10			1642	

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						Batch Information	
		Batch: 1640 SW-846 8015B GRO Gas on 05/11/2010 09:02 by JWS						Prep	Analysis
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis	



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ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab-ID: **H10040617016**

Date/Time Received: 4/29/2010 09:15 Matrix: Water

Sample ID: **MW-12**

Date/Time Collected: 4/28/2010 10:00

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	15	5.0	0.84	50			1640
1,4-Difluorobenzene (S)	100 %	60-155		50			1640
4-Bromofluorobenzene (S)	101 %	50-158		50			1640



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617017
 Sample ID: SVE-10

Date/Time Received: 4/29/2010 09:15 Matrix: Water
 Date/Time Collected: 4/28/2010 10:20

WET CHEMISTRY

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	221		25.0	6.30	50		1289

SEMIVOLATILE HYDROCARBONS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.089		0.050	0.0074	1		1684 1499
n-Pentacosane (S)	70.2 %		20-150		1		1684 1499

VOLATILES

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.30	1		1642
Ethylbenzene	ND		1.0	0.22	1		1642
Toluene	ND		1.0	0.25	1		1642
m,p-Xylene	ND		1.0	0.30	1		1642
o-Xylene	ND		1.0	0.32	1		1642
Xylenes, Total	ND		1.0	0.30	1		1642
1,4-Difluorobenzene (S)	99.1 %		70-130		1		1642
4-Bromofluorobenzene (S)	95.6 %		70-130		1		1642
Preservation pH	<2				1		1642

Gasoline Range Organics (GRO)

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: **H10040617017**

Date/Time Received: 4/29/2010 09:15

Matrix: Water

Sample ID: **SVE-10**

Date/Time Collected: 4/28/2010 10:20

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1640
1,4-Difluorobenzene (S)	99.2 %	60-155		1			1640
4-Bromofluorobenzene (S)	100 %	50-158		1			1640



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617018
 Sample ID: MW-6

Date/Time Received: 4/29/2010 09:15 Matrix: Water
 Date/Time Collected: 4/28/2010 10:45

WET CHEMISTRY

Analysis Desc: EPA 300.0		Analytical Batches:						Batch Information	
		Batch: 1289 EPA 300.0 on 05/10/2010 16:46 by CFS						Prep	Analysis
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis	
Chloride	92.6		25.0	6.30	50			1289	

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO LVI		Preparation Batches:						Batch Information	
		Batch: 1684 SW-846 8015B DRO LVI on 05/01/2010 14:01 by N_M						Prep	Analysis
Parameters		Results mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Diesel Range Organics(C10-C28)		0.72		0.050	0.0074	1		1684	1499
n-Pentacosane (S)		80.5 %		20-150		1		1684	1499

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						Batch Information	
		Batch: 1642 SW-846 8021B on 05/11/2010 17:44 by JWS						Prep	Analysis
Parameters	Results ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis	
Benzene	47		1.0	0.30	1			1642	
Ethylbenzene	120		1.0	0.22	1			1642	
Toluene	17		1.0	0.25	1			1642	
m,p-Xylene	46		1.0	0.30	1			1642	
o-Xylene	25		1.0	0.32	1			1642	
Xylenes, Total	71		1.0	0.30	1			1642	
1,4-Difluorobenzene (S)	112 %		70-130		1			1642	
4-Bromofluorobenzene (S)	102 %		70-130		1			1642	
Preservation pH	<2				1			1642	

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						Batch Information	
		Batch: 1640 SW-846 8015B GRO Gas on 05/11/2010 17:44 by JWS						Prep	Analysis
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis	



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ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: **H10040617018**

Date/Time Received: 4/29/2010 09:15

Matrix: Water

Sample ID: **MW-6**

Date/Time Collected: 4/28/2010 10:45

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	2.7	0.10	0.017	1			1640
1,4-Difluorobenzene (S)	135 %	60-155		1			1640
4-Bromofluorobenzene (S)	119 %	50-158		1			1640



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617019

Date/Time Received: 4/29/2010 09:15

Matrix: Water

Sample ID: MW-3

Date/Time Collected: 4/28/2010 11:05

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1289 EPA 300.0 on 05/10/2010 17:03 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	35.4		25.0	6.30	50		1289

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 1684 SW-846 8015B DRO LVI on 05/01/2010 14:01 by NLM

Analytical Batches:

Batch: 1499 SW-846 8015B DRO LVI on 05/05/2010 13:49 by AAM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	8.0		0.50	0.074	10		1684 1499
n-Pentacosane (S)	104 %		20-150		10		1684 1499

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1642 SW-846 8021B on 05/11/2010 21:28 by JWS DF = 100

Batch: 1642 SW-846 8021B on 05/12/2010 01:03 by JWS DF = 10

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	6300		100	30	100		1642
Ethylbenzene	350		10	2.2	10		1642
Toluene	53		10	2.5	10		1642
m,p-Xylene	530		10	3.0	10		1642
o-Xylene	180		10	3.2	10		1642
Xylenes, Total	710		10	3.0	10		1642
1,4-Difluorobenzene (S)	102 %		70-130		100		1642
1,4-Difluorobenzene (S)	105 %		70-130		10		1642
4-Bromofluorobenzene (S)	98.9 %		70-130		100		1642
4-Bromofluorobenzene (S)	101 %		70-130		10		1642
Preservation pH	<2				10		1642

Gasoline Range Organics (GRO)



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617019

Date/Time Received: 4/29/2010 09:15 Matrix: Water

Sample ID: MW-3

Date/Time Collected: 4/28/2010 11:05

Analysis Desc: SW-846:8015B:GRO Gas SW-846:8015B:GRO Gas Analytical Batches:
Batch: 1640: SW-846:8015B:GRO Gas on 05/11/2010 21:28 by JWS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	26		10	1.7	100		1640
1,4-Difluorobenzene (S)	103 %		60-155		100		1640
4-Bromofluorobenzene (S)	102 %		50-158		100		1640



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617020

Date/Time Received: 4/29/2010 09:15 Matrix: Water

Sample ID: Trip Blank

Date/Time Collected: 4/28/2010 11:30

VOLATILES

Analysis Desc: SW-846.8021B SW-846.5030 Analytical Batches:
 Batch: 1642 SW-846.8021B on 05/11/2010 19:37 by JWS

Parameters	Results				DF	RegLmt	Batch Information	
	ug/l	Qual	Report Limit	MDL			Prep	Analysis
Benzene	ND		1.0	0.30	1			1642
Ethylbenzene	ND		1.0	0.22	1			1642
Toluene	ND		1.0	0.25	1			1642
m,p-Xylene	ND		1.0	0.30	1			1642
o-Xylene	ND		1.0	0.32	1			1642
Xylenes, Total	ND		1.0	0.30	1			1642
1,4-Difluorobenzene (S)	99.5 %		70-130		1			1642
4-Bromofluorobenzene (S)	98 %		70-130		1			1642
Preservation pH	<2				1			1642



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617021
 Sample ID: Trip Blank 2

Date/Time Received: 4/29/2010 09:15 Matrix: Water
 Date/Time Collected: 4/28/2010 00:00

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 1642 SW-846 8021B on 05/11/2010 14:45 by JWS

Parameters	Results				DF	RegLmt	Batch Information	
	ug/l	Qual	Report Limit	MDL			Prep	Analysis
Benzene	ND		1.0	0.30	1			1642
Ethylbenzene	ND		1.0	0.22	1			1642
Toluene	ND		1.0	0.25	1			1642
m,p-Xylene	ND		1.0	0.30	1			1642
o-Xylene	ND		1.0	0.32	1			1642
Xylenes, Total	ND		1.0	0.30	1			1642
1,4-Difluorobenzene (S)	100 %		70-130		1			1642
4-Bromofluorobenzene (S)	99.1 %		70-130		1			1642
Preservation pH	<2				1			1642



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617022
 Sample ID: Dup 1

Date/Time Received: 4/29/2010 09:15 Matrix: Water
 Date/Time Collected: 4/27/2010 00:00

WET CHEMISTRY

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Chloride	253		25.0	6.30	50			1289

SEMIVOLATILE HYDROCARBONS

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Diesel Range Organics(C10-C28)	0.75		0.050	0.0074	1			1683 1498
n-Pentacosane (S)	70.2 %		20-150		1			1683 1498

VOLATILES

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	ug/l	Qual					Prep	Analysis
Benzene	4.1		1.0	0.30	1			1634
Ethylbenzene	5.5		1.0	0.22	1			1634
Toluene	ND		1.0	0.25	1			1634
m,p-Xylene	ND		1.0	0.30	1			1634
o-Xylene	ND		1.0	0.32	1			1634
Xylenes, Total	ND		1.0	0.30	1			1634
1,4-Difluorobenzene (S)	103 %		70-130		1			1634
4-Bromofluorobenzene (S)	97.1 %		70-130		1			1634
Preservation pH	<2				1			1634

Gasoline Range Organics (GRO)

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617022

Date/Time Received: 4/29/2010 09:15

Matrix: Water

Sample ID: Dup 1

Date/Time Collected: 4/27/2010 00:00

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	0.52	0.10	0.017	1			1632
1,4-Difluorobenzene (S)	113 %	60-155		1			1632
4-Bromofluorobenzene (S)	103 %	50-158		1			1632



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617023

Date/Time Received: 4/29/2010 09:15

Matrix: Water

Sample ID: Dup 2

Date/Time Collected: 4/28/2010 00:00

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1289 EPA 300.0 on 05/10/2010 18:11 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	173		25.0	6.30	50		1289

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 1683 SW-846 8015B DRO LVI on 05/01/2010 13:57 by N.M

Analytical Batches:

Batch: 1498 SW-846 8015B DRO LVI on 05/05/2010 09:00 by AAM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.46		0.050	0.0074	1		1683 1498
n-Pentacosane (S)	75.6 %		20-150		1		1683 1498

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1634 SW-846 8021B on 05/11/2010 02:35 by JWS DF = 50

Batch: 1642 SW-846 8021B on 05/11/2010 15:49 by JWS DF = 10

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	4400		50	15	50		1634
Ethylbenzene	150		10	2.2	10		1642
Toluene	ND		10	2.5	10		1642
m,p-Xylene	200		10	3.0	10		1642
o-Xylene	ND		10	3.2	10		1642
Xylenes, Total	200		10	3.0	10		1642
1,4-Difluorobenzene (S)	101 %		70-130		50		1634
1,4-Difluorobenzene (S)	114 %		70-130		10		1642
4-Bromofluorobenzene (S)	97 %		70-130		50		1634
4-Bromofluorobenzene (S)	97.9 %		70-130		10		1642
Preservation pH	<2				10		1642

Gasoline Range Organics (GRO)



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617023
Sample ID: Dup 2

Date/Time Received: 4/29/2010 09:15 Matrix: Water
Date/Time Collected: 4/28/2010 00:00

Analysis Desc: SW-846:8015B:GRO:Gas SW-846:8015B:GRO:Gas Analytical Batches:
Batch: 1632 SW-846:8015B:GRO:Gas on 05/11/2010 02:35 by JWS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	15		5.0	0.84	50		1632
1,4-Difluorobenzene (S)	100 %		60-155		50		1632
4-Bromofluorobenzene (S)	101 %		50-158		50		1632



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617024

Date/Time Received: 4/29/2010 09:15

Matrix: Water

Sample ID: MW-15

Date/Time Collected: 4/27/2010 14:20

WET CHEMISTRY

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	167		25.0	6.30	50		1289

SEMIVOLATILE HYDROCARBONS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	4.3		0.050	0.0074	1		1683 1498
n-Pentacosane (S)	79.6 %		20-150		1		1683 1498

VOLATILES

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.30	1		1634
Ethylbenzene	ND		1.0	0.22	1		1634
Toluene	ND		1.0	0.25	1		1634
m,p-Xylene	ND		1.0	0.30	1		1634
o-Xylene	ND		1.0	0.32	1		1634
Xylenes, Total	ND		1.0	0.30	1		1634
1,4-Difluorobenzene (S)	100 %		70-130		1		1634
4-Bromofluorobenzene (S)	97.9 %		70-130		1		1634
Preservation pH	<2				1		1634

Gasoline Range Organics (GRO)

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



ANALYTICAL RESULTS

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID: H10040617024
Sample ID: MW-15

Date/Time Received: 4/29/2010 09:15 Matrix: Water
Date/Time Collected: 4/27/2010 14:20

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1632
1,4-Difluorobenzene (S)	101 %	60-155		1			1632
4-Bromofluorobenzene (S)	104 %	50-158		1			1632



QUALITY CONTROL DATA

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

QC Batch: EXTO/1683 Analysis Method: SW-846 8015B DRO LVI
 QC Batch Method: SW-846 8015B DRO LVI Preparation: 05/01/2010 13:54 by N_M
 Associated Lab Samples: H10040617022 H10040617023 H10040617024

METHOD BLANK: 42566

Analysis Date/Time Analyst: 05/05/2010 04:43 AAM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Diesel Range Organics(C10-C28)	mg/l	ND		0.050
n-Pentacosane (S)	%	118		20-150

LABORATORY CONTROL SAMPLE & LCSD: 42567 42568

LCS Analysis Date/Time Analyst: 05/05/2010 05:15 AAM

LCSD Analysis Date/Time 05/05/2010 05:47 AAM

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD
Diesel Range Organics(C10-C28)	mg/l	2	1.3	1.27	86.8	84.6	21-175	2.6	43
n-Pentacosane (S)	%				133	123	20-150		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

QC Batch: EXTO/1684 Analysis Method: SW-846 8015B DRO LVI
 QC Batch Method: SW-846 8015B DRO LVI Preparation: 05/01/2010 13:59 by N_M
 Associated Lab Samples: H10040617001 H10040617002 H10040617003 H10040617004 H10040617005 H10040617006
 H10040617007 H10040617008 H10040617009 H10040617010 H10040617011 H10040617012
 H10040617013 H10040617014 H10040617015 H10040617016 H10040617017 H10040617018
 H10040617019

METHOD BLANK: 42569

Analysis Date/Time Analyst: 05/04/2010 16:20 AAM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Diesel Range Organics(C10-C28)	mg/l	ND		0.050
n-Pentacosane (S)	%	126		20-150

LABORATORY CONTROL SAMPLE & LCSD: 42570 42571

LCS Analysis Date/Time Analyst: 05/04/2010 16:52 AAM

LCSD Analysis Date/Time 05/04/2010 17:25 AAM

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD
Diesel Range Organics(C10-C28)	mg/l	2	1.35	1.24	90.1	82.8	21-175	8.4	43
n-Pentacosane (S)	%				140	133	20-150		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

QC Batch: IC/1285 Analysis Method: EPA 300.0
 QC Batch Method: EPA 300.0

Associated Lab Samples: H10040617001 H10040617002 H10040617003 H10040617004 H10040617005 H10040617006
 H10040617007 H10040617008 H10040617009 H10040617010 H10040617011 H10040617012
 H10050045001 H10050060001 H10050095001 H10050096001

METHOD BLANK: 43648

Analysis Date/Time Analyst: 05/05/2010 10:35 CFS

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Chloride	mg/l	ND		0.500

LABORATORY CONTROL SAMPLE: 43649

Analysis Date/Time Analyst: 05/05/2010 10:53 CFS

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Chloride	mg/l	10	9.887	98.9	85-115

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:43650 43651 Original: H10050045001

MS Analysis Date/Time Analyst: 05/05/2010 13:17 CFS

MSD Analysis Date/Time Analyst: 05/05/2010 13:36 CFS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Chloride	mg/l	383	500	861.6	863.0	95.7	96.0	80-120	0.2	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:43652 43653 Original: H10040617004

MS Analysis Date/Time Analyst: 05/05/2010 19:03 CFS

MSD Analysis Date/Time Analyst: 05/05/2010 19:21 CFS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Chloride	mg/l	177	1000	1058	1091	88.2	91.5	80-120	3.1	20

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

QC Batch: GCWV/1631 Analysis Method: SW-846 8015B GRO Gas
 QC Batch Method: SW-846 5030 Preparation: 05/10/2010 00:00 by GCV
 Associated Lab Samples: H10040617001 H10040617002 H10040617003 H10040617004 H10040617006 H10040617007
 H10040617008 H10040617009 H10040617010 H10040617011 H10040617012 H10040617013
 H10040617022 H10040617023 H10040617024

METHOD BLANK: 44374

Analysis Date/Time Analyst: 05/10/2010 12:24 JWS

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Gasoline Range Organics	mg/l	ND		0.10
4-Bromofluorobenzene (S)	%	100		50-158
1,4-Difluorobenzene (S)	%	99.2		60-155

LABORATORY CONTROL SAMPLE: 44375

Analysis Date/Time Analyst: 05/10/2010 11:57 JWS

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Gasoline Range Organics	mg/l	1.0	0.983	98.3	70-130
4-Bromofluorobenzene (S)	%			103	50-158
1,4-Difluorobenzene (S)	%			106	60-155

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 44376 44377 Original: H10040617008

MS Analysis Date/Time Analyst: 05/10/2010 23:49 JWS

MSD Analysis Date/Time Analyst: 05/11/2010 00:17 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Gasoline Range Organics	mg/l	0.01	1.0	1.15	1.1	114	109	36-160	4.5	36
4-Bromofluorobenzene (S)	%	102				103	104	50-158		30
1,4-Difluorobenzene (S)	%	99.9				106	106	60-155		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

QC Batch: IC/1289 Analysis Method: EPA 300.0

QC Batch Method: EPA 300.0

Associated Lab Samples: H10040617013 H10040617014 H10040617015 H10040617016 H10040617017 H10040617018
 H10040617019 H10040617022 H10040617023 H10040617024 H10050115001

METHOD BLANK: 44438

Analysis Date/Time Analyst: 05/10/2010 09:13 CFS

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Chloride	mg/l	ND		0.500

LABORATORY CONTROL SAMPLE & LCSD: 44439 44440

LCS Analysis Date/Time Analyst: 05/10/2010 09:30 CFS

LCSD Analysis Date/Time 05/10/2010 21:52 CFS

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD
Chloride	mg/l	10	9.811	10.18	98.1	102	85-115	3.7	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:44441 44442 Original: H10040617024

MS Analysis Date/Time Analyst: 05/10/2010 18:45 CFS

MSD Analysis Date/Time Analyst: 05/10/2010 19:02 CFS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Chloride	mg/l	167	500	656.3	630.9	97.9	92.8	80-120	3.9	20

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

QC Batch: GCVW/1633 Analysis Method: SW-846 8021B
 QC Batch Method: SW-846 5030 Preparation: 05/10/2010 00:00 by GCV
 Associated Lab Samples: H10040617001 H10040617002 H10040617003 H10040617004 H10040617006 H10040617007
 H10040617008 H10040617009 H10040617010 H10040617011 H10040617012 H10040617013
 H10040617022 H10040617023 H10040617024

METHOD BLANK: 44448

Analysis Date/Time Analyst: 05/10/2010 12:24 JWS

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Benzene	ug/l	ND		1.0
Ethylbenzene	ug/l	ND		1.0
Toluene	ug/l	ND		1.0
m,p-Xylene	ug/l	ND		1.0
o-Xylene	ug/l	ND		1.0
Xylenes, Total	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	100		70-130
4-Bromofluorobenzene (S)	%	97.1		70-130

LABORATORY CONTROL SAMPLE: 44449

Analysis Date/Time Analyst: 05/10/2010 11:29 JWS

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Benzene	ug/l	20	20.9	104	70-130
Ethylbenzene	ug/l	20	20.7	104	70-130
Toluene	ug/l	20	21.0	105	70-130
m,p-Xylene	ug/l	40	42.8	107	70-130
o-Xylene	ug/l	20	20.7	104	70-130
Xylenes, Total	ug/l	60	63.6	106	70-130
1,4-Difluorobenzene (S)	%			100	70-130
4-Bromofluorobenzene (S)	%			97.7	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:44450 44451 Original: H10040617022

MS Analysis Date/Time Analyst: 05/10/2010 15:24 JWS

MSD Analysis Date/Time Analyst: 05/10/2010 15:52 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Benzene	ug/l	4.1	20	33.1	32.2	145 *	141	66-141	2.6	31
Ethylbenzene	ug/l	5.5	20	28.4	27.8	114	111	52-136	2.2	28
Toluene	ug/l	0.59	20	24.9	24.3	122	119	61-131	2.3	25
m,p-Xylene	ug/l	0.65	40	49.3	48.3	122	119	60-130	2.0	36

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:44450 44451 Original: H10040617022

MS Analysis Date/Time Analyst: 05/10/2010 15:24 JWS

MSD Analysis Date/Time Analyst: 05/10/2010 15:52 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
o-Xylene	ug/l	ND	20	25.2	24.7	126	124	64-130	1.9	30
Xylenes, Total	ug/l	ND	60	74.5	73.1	124	122	60-130	1.9	36
1,4-Difluorobenzene (S)	%	103				103	102	70-130		30
4-Bromofluorobenzene (S)	%	97.1				98.0	97.6	70-130		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

QC Batch: GCVW/1639 Analysis Method: SW-846 8015B GRO Gas
 QC Batch Method: SW-846 5030 Preparation: 05/11/2010 00:00 by GCV
 Associated Lab Samples: H10040617005 H10040617014 H10040617015 H10040617016 H10040617017 H10040617018
 H10040617019

METHOD BLANK: 44562

Analysis Date/Time Analyst: 05/11/2010 07:12 JWS

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Gasoline Range Organics	mg/l	ND		0.10
4-Bromofluorobenzene (S)	%	99.4		50-158
1,4-Difluorobenzene (S)	%	99.4		60-155

LABORATORY CONTROL SAMPLE: 44563

Analysis Date/Time Analyst: 05/11/2010 06:44 JWS

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Gasoline Range Organics	mg/l	1.0	0.981	98.1	70-130
4-Bromofluorobenzene (S)	%			103	50-158
1,4-Difluorobenzene (S)	%			106	60-155

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:44569 44570 Original: H10040617014

MS Analysis Date/Time Analyst: 05/11/2010 10:22 JWS

MSD Analysis Date/Time Analyst: 05/11/2010 10:50 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Gasoline Range Organics	mg/l	0.038	1.0	1.09	1.09	105	105	36-160	0.1	36
4-Bromofluorobenzene (S)	%	101				105	105	50-158		30
1,4-Difluorobenzene (S)	%	99.9				107	107	60-155		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

QC Batch: GCVW/1641 Analysis Method: SW-846 8021B
 QC Batch Method: SW-846 5030 Preparation: 05/11/2010 00:00 by GCV
 Associated Lab Samples: H10040617005 H10040617014 H10040617015 H10040617016 H10040617017 H10040617018
 H10040617019 H10040617020 H10040617021 H10040617023

METHOD BLANK: 44591

Analysis Date/Time Analyst: 05/11/2010 07:12 JWS

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Benzene	ug/l	ND		1.0
Ethylbenzene	ug/l	ND		1.0
Toluene	ug/l	ND		1.0
m,p-Xylene	ug/l	ND		1.0
o-Xylene	ug/l	ND		1.0
Xylenes, Total	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	99.5		70-130
4-Bromofluorobenzene (S)	%	95.7		70-130

LABORATORY CONTROL SAMPLE: 44592

Analysis Date/Time Analyst: 05/11/2010 06:17 JWS

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Benzene	ug/l	20	21.4	107	70-130
Ethylbenzene	ug/l	20	21.1	106	70-130
Toluene	ug/l	20	21.2	106	70-130
m,p-Xylene	ug/l	40	43.6	109	70-130
o-Xylene	ug/l	20	21.1	105	70-130
Xylenes, Total	ug/l	60	64.6	108	70-130
1,4-Difluorobenzene (S)	%			99.8	70-130
4-Bromofluorobenzene (S)	%			97.7	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:44593 44594 Original: H10040617017

MS Analysis Date/Time Analyst: 05/11/2010 20:05 JWS

MSD Analysis Date/Time Analyst: 05/11/2010 20:33 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Benzene	ug/l	ND	20	23.7	23.5	118	117	66-141	0.8	31
Ethylbenzene	ug/l	ND	20	23.4	23.0	117	115	52-136	1.6	28
Toluene	ug/l	ND	20	23.4	23.0	117	115	61-131	1.8	25
m,p-Xylene	ug/l	ND	40	48.4	47.6	121	119	60-130	1.6	36
o-Xylene	ug/l	ND	20	23.7	23.6	119	118	64-130	0.7	30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:44593 44594 Original: H10040617017

MS Analysis Date/Time Analyst: 05/11/2010 20:05 JWS

MSD Analysis Date/Time Analyst: 05/11/2010 20:33 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Xylenes, Total	ug/l	ND	60	72.1	71.2	120	119	60-130	1.3	36
1,4-Difluorobenzene (S)	%	99.1				99.7	100	70-130		30
4-Bromofluorobenzene (S)	%	95.6				99.4	98.7	70-130		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



Legend

(S) - Indicates analyte is a surrogate

Qualifier	Qualifier Description
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MI	Matrix Interference
I	Estimated value, between MDL and PQL (Florida)
JN	The analysis indicates the presence of an analyte
C	MTBE results were not confirmed by GCMS
NC	Not Calculated - Sample concentration > 4 times the spike
*	Recovery/RPD value outside QC limits
E	Results exceed calibration range
H	Exceeds holding time
J	Estimated value
Q	Received past holding time
B	Analyte detected in the Method Blank
N	Recovery outside of control limits
D	Recovery out of range due to dilution
NC	Not Calculable (Sample Duplicate)
P	Pesticide dual column results, greater than 25%
TNTC	Too numerous to count



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
H10040617022	Dup 1	SW-846 8015B DRO LVI	EXTO/1683	SW-846 8015B DRO LVI	GCSV/1498
H10040617023	Dup 2	SW-846 8015B DRO LVI	EXTO/1683	SW-846 8015B DRO LVI	GCSV/1498
H10040617024	MW-15	SW-846 8015B DRO LVI	EXTO/1683	SW-846 8015B DRO LVI	GCSV/1498
H10040617001	MW-21	SW-846 8015B DRO LVI	EXTO/1684	SW-846 8015B DRO LVI	GCSV/1499
H10040617002	MW-16	SW-846 8015B DRO LVI	EXTO/1684	SW-846 8015B DRO LVI	GCSV/1499
H10040617003	MW-20	SW-846 8015B DRO LVI	EXTO/1684	SW-846 8015B DRO LVI	GCSV/1499
H10040617004	MW-25	SW-846 8015B DRO LVI	EXTO/1684	SW-846 8015B DRO LVI	GCSV/1499
H10040617005	MW-24	SW-846 8015B DRO LVI	EXTO/1684	SW-846 8015B DRO LVI	GCSV/1499
H10040617006	MW-4	SW-846 8015B DRO LVI	EXTO/1684	SW-846 8015B DRO LVI	GCSV/1499
H10040617007	MW-5	SW-846 8015B DRO LVI	EXTO/1684	SW-846 8015B DRO LVI	GCSV/1499
H10040617008	MW-26	SW-846 8015B DRO LVI	EXTO/1684	SW-846 8015B DRO LVI	GCSV/1499
H10040617009	MW-27	SW-846 8015B DRO LVI	EXTO/1684	SW-846 8015B DRO LVI	GCSV/1499
H10040617010	MW-23	SW-846 8015B DRO LVI	EXTO/1684	SW-846 8015B DRO LVI	GCSV/1499
H10040617011	MW-22	SW-846 8015B DRO LVI	EXTO/1684	SW-846 8015B DRO LVI	GCSV/1499
H10040617012	MW-13	SW-846 8015B DRO LVI	EXTO/1684	SW-846 8015B DRO LVI	GCSV/1499
H10040617013	MW-19	SW-846 8015B DRO LVI	EXTO/1684	SW-846 8015B DRO LVI	GCSV/1499
H10040617014	MW-14	SW-846 8015B DRO LVI	EXTO/1684	SW-846 8015B DRO LVI	GCSV/1499
H10040617015	MW-18	SW-846 8015B DRO LVI	EXTO/1684	SW-846 8015B DRO LVI	GCSV/1499
H10040617016	MW-12	SW-846 8015B DRO LVI	EXTO/1684	SW-846 8015B DRO LVI	GCSV/1499
H10040617017	SVE-10	SW-846 8015B DRO LVI	EXTO/1684	SW-846 8015B DRO LVI	GCSV/1499
H10040617018	MW-6	SW-846 8015B DRO LVI	EXTO/1684	SW-846 8015B DRO LVI	GCSV/1499
H10040617019	MW-3	SW-846 8015B DRO LVI	EXTO/1684	SW-846 8015B DRO LVI	GCSV/1499
H10040617001	MW-21	EPA 300.0	IC/1285		
H10040617002	MW-16	EPA 300.0	IC/1285		
H10040617003	MW-20	EPA 300.0	IC/1285		
H10040617004	MW-25	EPA 300.0	IC/1285		
H10040617005	MW-24	EPA 300.0	IC/1285		
H10040617006	MW-4	EPA 300.0	IC/1285		
H10040617007	MW-5	EPA 300.0	IC/1285		



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
H10040617008	MW-26	EPA 300.0	IC/1285		
H10040617009	MW-27	EPA 300.0	IC/1285		
H10040617010	MW-23	EPA 300.0	IC/1285		
H10040617011	MW-22	EPA 300.0	IC/1285		
H10040617012	MW-13	EPA 300.0	IC/1285		
H10040617001	MW-21	SW-846 8015B GRO Gas	GCVW/1631	SW-846 8015B GRO Gas	GCVW/1632
H10040617002	MW-16	SW-846 8015B GRO Gas	GCVW/1631	SW-846 8015B GRO Gas	GCVW/1632
H10040617003	MW-20	SW-846 8015B GRO Gas	GCVW/1631	SW-846 8015B GRO Gas	GCVW/1632
H10040617004	MW-25	SW-846 8015B GRO Gas	GCVW/1631	SW-846 8015B GRO Gas	GCVW/1632
H10040617006	MW-4	SW-846 8015B GRO Gas	GCVW/1631	SW-846 8015B GRO Gas	GCVW/1632
H10040617007	MW-5	SW-846 8015B GRO Gas	GCVW/1631	SW-846 8015B GRO Gas	GCVW/1632
H10040617008	MW-26	SW-846 8015B GRO Gas	GCVW/1631	SW-846 8015B GRO Gas	GCVW/1632
H10040617009	MW-27	SW-846 8015B GRO Gas	GCVW/1631	SW-846 8015B GRO Gas	GCVW/1632
H10040617010	MW-23	SW-846 8015B GRO Gas	GCVW/1631	SW-846 8015B GRO Gas	GCVW/1632
H10040617011	MW-22	SW-846 8015B GRO Gas	GCVW/1631	SW-846 8015B GRO Gas	GCVW/1632
H10040617012	MW-13	SW-846 8015B GRO Gas	GCVW/1631	SW-846 8015B GRO Gas	GCVW/1632
H10040617013	MW-19	SW-846 8015B GRO Gas	GCVW/1631	SW-846 8015B GRO Gas	GCVW/1632
H10040617022	Dup 1	SW-846 8015B GRO Gas	GCVW/1631	SW-846 8015B GRO Gas	GCVW/1632
H10040617023	Dup 2	SW-846 8015B GRO Gas	GCVW/1631	SW-846 8015B GRO Gas	GCVW/1632
H10040617024	MW-15	SW-846 8015B GRO Gas	GCVW/1631	SW-846 8015B GRO Gas	GCVW/1632
H10040617013	MW-19	EPA 300.0	IC/1289		
H10040617014	MW-14	EPA 300.0	IC/1289		
H10040617015	MW-18	EPA 300.0	IC/1289		
H10040617016	MW-12	EPA 300.0	IC/1289		
H10040617017	SVE-10	EPA 300.0	IC/1289		
H10040617018	MW-6	EPA 300.0	IC/1289		
H10040617019	MW-3	EPA 300.0	IC/1289		
H10040617022	Dup 1	EPA 300.0	IC/1289		
H10040617023	Dup 2	EPA 300.0	IC/1289		
H10040617024	MW-15	EPA 300.0	IC/1289		



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: H10040617 : East Hobbs Junction, Hobbs, NM

Project Number: East Hobbs Junction /

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
H10040617001	MW-21	SW-846 5030	GCVW/1633	SW-846 8021B	GCVW/1634
H10040617002	MW-16	SW-846 5030	GCVW/1633	SW-846 8021B	GCVW/1634
H10040617003	MW-20	SW-846 5030	GCVW/1633	SW-846 8021B	GCVW/1634
H10040617004	MW-25	SW-846 5030	GCVW/1633	SW-846 8021B	GCVW/1634
H10040617006	MW-4	SW-846 5030	GCVW/1633	SW-846 8021B	GCVW/1634
H10040617007	MW-5	SW-846 5030	GCVW/1633	SW-846 8021B	GCVW/1634
H10040617008	MW-26	SW-846 5030	GCVW/1633	SW-846 8021B	GCVW/1634
H10040617009	MW-27	SW-846 5030	GCVW/1633	SW-846 8021B	GCVW/1634
H10040617010	MW-23	SW-846 5030	GCVW/1633	SW-846 8021B	GCVW/1634
H10040617011	MW-22	SW-846 5030	GCVW/1633	SW-846 8021B	GCVW/1634
H10040617012	MW-13	SW-846 5030	GCVW/1633	SW-846 8021B	GCVW/1634
H10040617013	MW-19	SW-846 5030	GCVW/1633	SW-846 8021B	GCVW/1634
H10040617022	Dup 1	SW-846 5030	GCVW/1633	SW-846 8021B	GCVW/1634
H10040617023	Dup 2	SW-846 5030	GCVW/1633	SW-846 8021B	GCVW/1634
H10040617024	MW-15	SW-846 5030	GCVW/1633	SW-846 8021B	GCVW/1634
H10040617005	MW-24	SW-846 8015B GRO Gas	GCVW/1639	SW-846 8015B GRO Gas	GCVW/1640
H10040617014	MW-14	SW-846 8015B GRO Gas	GCVW/1639	SW-846 8015B GRO Gas	GCVW/1640
H10040617015	MW-18	SW-846 8015B GRO Gas	GCVW/1639	SW-846 8015B GRO Gas	GCVW/1640
H10040617016	MW-12	SW-846 8015B GRO Gas	GCVW/1639	SW-846 8015B GRO Gas	GCVW/1640
H10040617017	SVE-10	SW-846 8015B GRO Gas	GCVW/1639	SW-846 8015B GRO Gas	GCVW/1640
H10040617018	MW-6	SW-846 8015B GRO Gas	GCVW/1639	SW-846 8015B GRO Gas	GCVW/1640
H10040617019	MW-3	SW-846 8015B GRO Gas	GCVW/1639	SW-846 8015B GRO Gas	GCVW/1640
H10040617005	MW-24	SW-846 5030	GCVW/1641	SW-846 8021B	GCVW/1642
H10040617014	MW-14	SW-846 5030	GCVW/1641	SW-846 8021B	GCVW/1642
H10040617015	MW-18	SW-846 5030	GCVW/1641	SW-846 8021B	GCVW/1642
H10040617016	MW-12	SW-846 5030	GCVW/1641	SW-846 8021B	GCVW/1642
H10040617017	SVE-10	SW-846 5030	GCVW/1641	SW-846 8021B	GCVW/1642
H10040617018	MW-6	SW-846 5030	GCVW/1641	SW-846 8021B	GCVW/1642
H10040617019	MW-3	SW-846 5030	GCVW/1641	SW-846 8021B	GCVW/1642
H10040617020	Trip Blank	SW-846 5030	GCVW/1641	SW-846 8021B	GCVW/1642
H10040617021	Trip Blank 2	SW-846 5030	GCVW/1641	SW-846 8021B	GCVW/1642
H10040617023	Dup 2	SW-846 5030	GCVW/1641	SW-846 8021B	GCVW/1642



Sample Receipt Checklist

WorkOrder:	H10040617	Received By	LOG
Date and Time	04/29/2010 09:15	Carrier Name:	FEDEXS
Temperature:	2.9°C	Chilled By:	Water Ice

1. Shipping container/cooler in good condition? YES
2. Custody seals intact on shipping container/cooler? YES
3. Custody seals intact on sample bottles? Not Present
4. Chain of custody present? YES
5. Chain of custody signed when relinquished and received? YES
6. Chain of custody agrees with sample labels? YES
Two samples (all containers for GRO, DRO, BTEX, Cl,) received and not listed on COC: "Dup 1" and "Dup 2." Logged in for analysis. Used clients labels for sample date. Received two sets of trip blanks but only one listed on COC. Logged in both sets.
7. Samples in proper container/bottle? YES
8. Samples containers intact? YES
9. Sufficient sample volume for indicated test? YES
10. All samples received within holding time? YES
11. Container/Temp Blank temperature in compliance? YES
Left side temp: 3.1 Right side temp: 3.3; Cooler 2- 871147156685 Temp: 3.4; Cooler 3- 871147156696 temp: 2.8
12. Water - VOA vials have zero headspace? YES
13. Water - Preservation checked upon receipt(except VOA*)? Not Applicable

*VOA Preservation Checked After Sample Analysis

SPL Representative:

Contact Date & Time:

Client Name Contacted:

Client Instructions:



Analysis Request & Chain of Custody Record

SPL, Inc.

SPL Workorder No.

293776

H10040617

1 of 7

Client Name: Texas Tech
 Address: 1910 N Bly Springs State: TX Zip: 77055
 City: Midland
 Phone/Fax: (432) 682-4555 (432) 682-8081
 Client Contact: Gerry Rose Email: grose@texas-tech.com
 Project Name/No.: 114-4100485
 Site Name: East Hubbs Junction
 Site Location: Hubbs, NM
 Invoice To: Enviro Ph. Labs P.O. #:
 Invoice To: Enviro Ph. Labs

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	Number of Containers
MID-21	4/23/10	1305		X	W	V	40	1 6 X
						A	60	1 2 X
						P	1	1 1 X
MID-16	4/23/10	1320				V	40	1 6 X
						A	60	1 2 X
						P	1	1 1 X
MID-20	4/23/10	1330				V	40	1 6 X
						A	60	1 2 X
						P	1	1 1 X
MID-25	4/23/10	1345				V	40	1 6 X
						A	60	1 2 X
						P	1	1 1 X

Client/Consultant Remarks: _____
 Laboratory remarks: _____

Requested TAT: 1 Business Day Contract 2 Business Days Standard 3 Business Days Other _____
 Rush TAT requires prior notice

Special Reporting Requirements Results: Fax Email PDP Special Detection Limits (specify): _____
 Standard QC Level 3 QC Level 4 QC TX TRRP LA RECAP

1. Relinquished by Sampler: Johny Thasanth date: 4/26/10 time: 1130
 3. Relinquished by: _____ date: _____ time: _____
 5. Relinquished by: _____ date: 4/29/10 time: 915

2. Received by: _____
 4. Received by: _____
 6. Received by Laboratory: _____

Impact? Yes No
 Temp: 2.1/2.3/2.2 PM review (initials): _____

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. **290777**
H10040617
page **2** of **7**

Client Name: **Tetra Tech**
Address: **1410 N Big Springs** State **TX** Zip **75105**
City: **Mallard** Phone/Fax: **(435) 682-4557** Email: **guy.pope@tetra.tech.com**
Client Contact: **Guy Pope**
Project Name/No: **14-0400485**
Site Name: **East Hebb's Junction**
Site Location: **Hebb's NW**
Invoice To: **Casey Phillips**

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
MW-25	4/27/10	1305		X	W	A	60	1	2	X
MW-24	4/27/10	1400			V	40	1	1	2	X
MW-15	4/27/10	1420			V	40	1	1	2	X
MW-4	4/27/10	1505			V	40	1	1	2	X

Legend: W=water S=soil O=oil A=air SL=sludge E=encore X=other
P=plastic A=amber glass G=glass V=vial X=other
1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other
1=HCl 2=HNO3 3=H2SO4 X=other

Client/Consultant Remarks: _____ Laboratory remarks: _____

Requested TAT: 1 Business Day Contract Standard 2 Business Days 3 Business Days Other _____
Rush TAT requires prior notice

Special Reporting Requirements Results: Standard QC Level 3 QC Level 4 QC TX TRRP LA RESCAP PMP Special Detection Limits (specify): _____

1. Relinquished by Sampler: **guy pope** date **4/26/10** time **1:30**
2. Received by: _____
3. Relinquished by: **Johny Trishard** date _____ time _____
4. Received by: _____
5. Relinquished by: _____ date **4/29/10** time **9:15**
6. Received by Laboratory: _____

Contact? Yes No N
Temp: **21/24/33/35/23**
PMT review (initial): _____

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

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

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



SPL, Inc.
 Analysis Request & Chain of Custody Record

SPL Workorder No. **200778**
 H10040617 page **3** of **7**
 Requested Analysis

Client Name: **Tetra Tech**
 Address: **1410 N Bay Springs** State: **TX** Zip: **77105**
 City: **Midland**
 Phone/Fax: **(432) 682-4559** (432) 682-6061
 Client Contact: **Greg Pope** Email: **greg.pope@tetra.tech.com**
 Project Name/No: **114-1400185**
 Site Name: **East Hobbs Junction**
 Site Location: **Hobbs, NM**
 Invoice To: **Genetic Phillips**

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers
MW-4	4/27/10	1545		X	W	P	1	X	131EX 8021
MW-5	4/27/10	1526			V	40	1	1	GRO 80.5
					A	60	1	2	DZC 80.5
					P	1	X	1	01 300.0
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	
					V	40	1	1	
					A	60	1	2	
					P	1	X	1	



Analysis Request & Chain of Custody Record

SPL, Inc.

Client Name: Tetra Tech
 Address: 110 N 3rd Spring State: TX Zip: 77065
 City: Midland Phone/Fax: (432) 682-4554 (432) 682-8081
 Client Contact: Greg Rose Email: greg.rose@tetra-tech.com
 Project Name/No: 114-LA0685
 Site Name: East Hobbs Junction
 Site Location: Hobbs, NM
 Invoice To: Lucas Phillips

Sample ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
MW-13	4/26/10	0830		X	W	A	60	1	2	X
MW-14	4/26/10	0600			V	40	1	1	1	X
MW-14	4/26/10	0525			V	40	1	1	1	X
MW-18	4/26/10	0543			V	40	1	1	1	X

Client/Consultant Remarks: _____
 Laboratory remarks: _____

Requested TAT: 1 Business Day Contract 2 Business Days Standard 3 Business Days Other _____
 Rush TAT requires prior notice

Special Reporting Requirements Results: Fax Email PDF Special Detection Limits (Specify): _____
 Standard QC Level 3 QC Level 4 QC TX TRRP IA RECAP

1. Relinquished by Sampler: _____ date: 4/26/10 time: 1130
 2. Received by: _____
 3. Relinquished by: _____ date: _____ time: _____
 4. Received by: _____
 5. Relinquished by: _____ date: 4/29/10 time: 9:18
 6. Received by Laboratory: _____

Intact? Yes No
 Temp: 31/2/33/3/1/2.9
 PNT review (initials): _____

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 Workorder No. 293780
 H10040617
 page 5 of 7
 Requested Analysis



SPL, Inc.
 Analysis Request & Chain of Custody Record

SPL Workorder No.

293782

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Requested Analysis

Client Name: Triva Tech
 Address: 1510 N 31st Spkrs State TX Zip: 77055
 City: Mallard
 Phone/Fax: (432) 682-4559 (432) 682-8081
 Client Contact: Greg RPB Email: greg.rpb@triva-tech.com
 Project Name/No.: 1st-6406985
 Site Name: East Hobbs Junction
 Site Location: Hobbs NM
 Invoice To: Conoco Phillips

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

Number of Containers	Requested Analysis
13TEX 8021	
GRO 8015	
DRO 8015	
CI 300.D	

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers
51 812-310	4/26/10	1015		X	W	V	40	1	6 X X
						A	40	1	X
						P	16	X	X
51 812-3	4/26/10	1105				V	40	1	6 X X
						A	40	1	X
						P	16	X	X
Trip blank	4/28/10	1130							2

Client/Consultant Remarks: _____ Laboratory remarks: _____

Intact? Y N
 Temp: 5.1/2.3/2.3/3.4/2.3 PM/Review (initials): _____

Requested TAT

1 Business Day Contract
 2 Business Days Standard
 3 Business Days
 Other _____

Rush TAT requires prior notice

Special Reporting Requirements Results: Fax Email PDF Special Detection Limits (Specify): _____

Standard QC Level 3 QC Level 4 QC TV TRP LA RECAP

1. Relinquished by Sampler: _____ date: 4/26/10 time: 1130
 3. Relinquished by: Johnny Trivista date: _____ time: _____

2. Received by: _____
 4. Received by: _____
 6. Received by Laboratory: _____

5. Relinquished by: _____ date: 4/29/10 time: 915

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.

293777

H10040017

page 2 of 7

Requested Analysis

Client Name: Tetra Tech.

Address: 1410 N Big Springs State TX Zip 75001

City Mallard Phone/Fax: (432) 682-4554 (432) 682-8081

Client Contact: Gary Pope Email: gary.pope@tetra.tech.com

Project Name/No.: 114-6400485

Site Name: East Hobbs Junction

Site Location: Hobbs, DPM

Invoice To: Conoco Phillips Ph: _____

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
MW-25	4/27/10	1345			W	A	60	1	2	
						P	1	X	1	
MW-24	4/27/10	1400				V	40	1	1	
						A	60	1	2	
						P	1	X	1	
MW-15	4/27/10	1420				V	40	1	1	
						A	60	1	2	
						P	1	X	1	
MW-4	4/27/10	1505				V	40	1	1	
						A	60	1	2	

Client/Consultant Remarks: _____ Laboratory remarks: _____

Special Reporting Requirements Results: Fax Email PDF

Standard QC Level 3 QC Level 4 QC TX TRRP IA RECAP

1. Relinquished by Sampler: Blaney Thacker date 4/26/10 time 1130

2. Received by: _____

3. Relinquished by: _____ date _____ time _____

4. Received by: _____

5. Relinquished by: _____ date 4/29/10 time 9:15

6. Received by Laboratory: _____

Requested TAT Contract

1 Business Day Standard

2 Business Days Standard

3 Business Days

Other _____

Rush TAT requires prior notice

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

Impact? Y N

Temp: 3.1/2.9/3.3/3.4

PM review (initial): _____



SPL, Inc.
Analysis Request & Chain of Custody Record

SPL Workorder No.

293778

H10040617

page 3 of 7

Requested Analysis

Client Name: Tetra Tech

Address: 1410 N Bq Springs State TX Zip 77060

City Middland Phone/Fax: (432) 682-4559 (432) 682-8061

Client Contact: Greg Pope Email: greg.pope@tetra.tech.com

Project Name/No.: 114-6400485

Site Name: East Hobbs Junction

Site Location: Hobbs Rd

Invoice To: Cenoco Phillips Ph:

Ph: SAMPLE ID

DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers
MW-4	4/27/10	1505	X	W	P	1	X	1
MW-5	4/27/10	1526			V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
MW-26	4/28/10	1540			V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1
					V	40	1	2
					A	60	1	2
					P	1	X	1



Requested Analysis

Client Name: Tetra Tech
 Address: 1910 N. Big Springs State TX Zip 79780-0100
 City Midland Phone/Fax: (432) 662-4554 (432) 686-8081
 Client Contact: Greg Pope Email: greg.pope@tetra.tech.com
 Project Name/No.: 114-6400485
 Site Name: East Helibs Junction
 Site Location: Helibs NM
 Invoice To: Genco Mills ops Ph: _____

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers						
MW-27	4/28/10	0740		X	W	V	40	1	L	X	13TEX 8021				
						A	60	1	Z						
						P	16	X	L						
MW-23	4/28/10	0806			V	40	1	1	L	X	GR0 8015				
						A	60	1	Z						
						P	16	X	L						
MW-22	4/28/10	0815			V	40	1	1	L	X	DRO 8015				
						A	60	1	Z						
						P	16	X	L						
MW-13	4/28/10	0836			V	40	1	1	L	X	CI 300.0				

Client/Consultant Remarks: _____
 Laboratory remarks: _____

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

1. Relinquished by Sampler: Johnny Thibault date 4/28/10 time 1130
 2. Received by: _____
 3. Relinquished by: _____ date _____ time _____
 4. Received by: _____
 5. Relinquished by: _____ date 4/29/10 time 915
 6. Received by Laboratory: _____

Intact?
 Ice?
 Temp: 31.2 29.3 33.5 34.2
 PM review (initial): _____

Requested TAT

- 1 Business Day Contract
- 2 Business Days Standard
- 3 Business Days
- Other _____

Rush TAT requires prior notice

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.

293780

H10040617

page 5 of 7

Requested Analysis

Client Name: Tetra Tech

Address: 1910 N 134 Springs

City: Midland State TX Zip 79701

Phone/Fax: (432) 682-4554 (432) 682-8081

Client Contact: Greg Pope Email: greg.pope@tetra-tech.com

Project Name/No.: 114-LAD 0485

Site Name: East Hobbs Junction

Site Location: Hobbs NM

Invoice To: Genco Phillips

ph: SAMPLE ID

DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers
4/26/10	0830		X	W	A	60	1	2
4/28/10	0900			V	P	40	1	1
4/28/10	0925			V	A	40	1	2
4/28/10	0943			V	V	40	1	2

Client/Consultant Remarks: Laboratory remarks:

Intact? Ice? Temp: 51/2.9/33.5/42.5

PM review (initial):

Requested TAT

- 1 Business Day
- 2 Business Days
- 3 Business Days
- Other

Special Reporting Requirements Results: Fax Email PDF TX TRRP LA RECAP

Standard QC Level 3 QC Level 4 QC

1. Relinquished by Sampler: Johnny Thieroth

3. Relinquished by: Johnny Thieroth

5. Relinquished by: date 4/29/10 time 9:18

Special Detection Limits (specify):

2. Received by: date 4/28/10 time 1130

4. Received by:

6. Received by Laboratory:

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

500 Ambassador Cafery 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.

293781

H10040612

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Requested Analysis

Client Name: Tetra Tech
Address: 1410 N. Big Spring
City: Midland State TX Zip: 79701
Phone/Fax: (432) 682-4554 (432) 686-8081
Client Contact: Greg Roper Email: greg.ropo@tetra.tech.com
Project Name/No.: 1146400485
Site Name: East Hobbs Junction
Site Location: Hobbs, NM
Invoice To: Venoco Phillips
SAMPLE ID

DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers
MW-18	4/28/10	0543	X	W	P	1L	X	1
MW-12	4/28/10	1000			V	40	1	2
SVE-10	4/28/10	1620			P	1L	X	1
SVE-11	4/28/10				V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A	60	1	2
					P	1L	X	1
					V	40	1	2
					A			





Certificate of Analysis

August 13, 2010

Workorder: H10070767

Greg W Pope, PG
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Project: East Hobbs Junction
Project Number: East Hobbs Junction / 114-6500606
Site: Hobbs, NM
PO Number: 4511063196
NELAC Cert. No.: T104704205-09-1

This Report Contains A Total Of 87 Pages

Excluding Any Attachments



Certificate of Analysis

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Site: Hobbs, NM
PO Number: 4511063196
NELAC Cert. No.: T104704205-09-1

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

Lab received a second Trip Blank not listed on the COC. The lab logged in the Trip Blank for analysis.

II: ANALYSES AND EXCEPTIONS:

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.

Purgeable Aromatics, Method 8021:

Your sample ID "Dup #1" (SPL ID: H10070767021) was randomly selected for use in SPL's quality control program for Batch ID GCVW/1923. The Matrix Spike (MS) and Matrix Spike Duplicate (MSD) recoveries were outside of the advisable quality control limits for Benzene 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.

Diesel Range Organics, Method 8015:

Due to limited sample volume, a Matrix Spike (MS) or Matrix Spike Duplicate (MSD) was not extracted with Batch ID: EXTO/2045. 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.

III. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report (" mg/kg-dry " or " ug/kg-dry ").

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)



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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.

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.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or by his designee, as verified by the following signature.

Erica Cardenas, Senior Project Manager

Enclosures



SAMPLE SUMMARY

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID	Sample ID	Matrix	COC ID	Date/Time Collected	Date/Time Received
H10070767001	MW-21	Water		7/27/2010 12:25	7/29/2010 09:00
H10070767002	MW-16	Water		7/27/2010 12:38	7/29/2010 09:00
H10070767003	MW-20	Water		7/27/2010 13:00	7/29/2010 09:00
H10070767004	MW-25	Water		7/27/2010 13:13	7/29/2010 09:00
H10070767005	MW-24	Water		7/27/2010 13:23	7/29/2010 09:00
H10070767006	MW-15	Water		7/27/2010 13:43	7/29/2010 09:00
H10070767007	MW-4	Water		7/27/2010 14:00	7/29/2010 09:00
H10070767008	MW-5	Water		7/27/2010 14:13	7/29/2010 09:00
H10070767009	MW-26	Water		7/28/2010 07:20	7/29/2010 09:00
H10070767010	MW-27	Water		7/28/2010 07:38	7/29/2010 09:00
H10070767011	MW-23	Water		7/28/2010 07:55	7/29/2010 09:00
H10070767012	MW-22	Water		7/28/2010 08:12	7/29/2010 09:00
H10070767013	MW-13	Water		7/28/2010 08:22	7/29/2010 09:00
H10070767014	MW-19	Water		7/28/2010 08:30	7/29/2010 09:00
H10070767015	MW-14	Water		7/28/2010 09:05	7/29/2010 09:00
H10070767016	MW-18	Water		7/28/2010 09:20	7/29/2010 09:00
H10070767017	MW-12	Water		7/28/2010 09:34	7/29/2010 09:00
H10070767018	SVE-10	Water		7/28/2010 09:50	7/29/2010 09:00
H10070767019	MW-11	Water		7/28/2010 10:03	7/29/2010 09:00
H10070767020	MW-6	Water		7/28/2010 10:20	7/29/2010 09:00
H10070767021	Dup #1	Water		7/27/2010 00:00	7/29/2010 09:00
H10070767022	Dup #2	Water		7/28/2010 00:00	7/29/2010 09:00
H10070767023	Trip Blank	Water		7/28/2010 11:00	7/29/2010 09:00
H10070767024	Trip Blank #2	Water		7/27/2010 00:00	7/29/2010 09:00



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767001
 Sample ID: MW-21

Date/Time Received: 7/29/2010 09:00 Matrix: Water
 Date/Time Collected: 7/27/2010 12:25

WET CHEMISTRY

Analysis Desc: EPA 300.0		Analytical Batches:						Batch Information	
		Batch: 1400 - EPA 300.0 on 07/30/2010 01:31 by CFS						Prep Analysis	
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt			
Chloride	1020		100	25.2	200		1400		

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI		Preparation Batches:						Batch Information	
		Batch: 2044 - SW-846 8015B DRO LVI on 07/30/2010 14:29 by N_M						Prep Analysis	
		Analytical Batches:							
		Batch: 1817 - SW-846 8015B DRO LVI on 08/04/2010 08:19 by NDW							
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt			
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2044 1817		
n-Pentacosane (S)	58.8 %		10-185		1		2044 1817		

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						Batch Information	
		Batch: 1930 - SW-846 8021B on 08/04/2010 00:39 by JWS						Prep Analysis	
Parameters	Results ug/l	Qual	Report Limit	MDL	DF	RegLmt			
Benzene	ND		1.0	0.32	1		1930		
Ethylbenzene	ND		1.0	0.22	1		1930		
Toluene	ND		1.0	0.15	1		1930		
m,p-Xylene	ND		1.0	0.12	1		1930		
o-Xylene	ND		1.0	0.21	1		1930		
Xylenes, Total	ND		1.0	0.12	1		1930		
1,4-Difluorobenzene (S)	96.7 %		70-130		1		1930		
4-Bromofluorobenzene (S)	104 %		70-130		1		1930		
Preservation pH	<2				1		1930		

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						Batch Information	
		Batch: 1898 - SW-846 8015B GRO Gas on 08/04/2010 00:39 by NNM						Prep Analysis	
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt			



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767001

Date/Time Received: 7/29/2010 09:00

Matrix: Water

Sample ID: MW-21

Date/Time Collected: 7/27/2010 12:25

Parameters	Results				Batch Information		
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1898
1,4-Difluorobenzene (S)	94.1 %	60-155		1			1898
4-Bromofluorobenzene (S)	100 %	50-158		1			1898



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: **H10070767002**

Date/Time Received: 7/29/2010 09:00

Matrix: Water

Sample ID: **MW-16**

Date/Time Collected: 7/27/2010 12:38

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1400 EPA 300.0 on 07/30/2010 01:48 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	140		10.0	2.52	20		1400

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 2044 SW-846 8015B DRO LVI on 07/30/2010 14:29 by N_M

Analytical Batches:

Batch: 1817 SW-846 8015B DRO LVI on 08/04/2010 09:03 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.25		0.050	0.012	1		2044 1817
n-Pentacosane (S)	87.8 %		10-185		1		2044 1817

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1900 SW-846 8021B on 08/04/2010 03:28 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		1900
Ethylbenzene	ND		1.0	0.22	1		1900
Toluene	ND		1.0	0.15	1		1900
m,p-Xylene	ND		1.0	0.12	1		1900
o-Xylene	ND		1.0	0.21	1		1900
Xylenes, Total	ND		1.0	0.12	1		1900
1,4-Difluorobenzene (S)	97.5 %		70-130		1		1900
4-Bromofluorobenzene (S)	103 %		70-130		1		1900
Preservation pH	<2				1		1900

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas

SW-846 8015B GRO Gas Analytical Batches:

Batch: 1902 SW-846 8015B GRO Gas on 08/04/2010 03:28 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: **H10070767002**
Sample ID: **MW-16**

Date/Time Received: 7/29/2010 09:00 Matrix: Water
Date/Time Collected: 7/27/2010 12:38

Parameters	Results			DF	RegLmt	Batch Information	
	Qual	Report Limit	MDL			Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1902
1,4-Difluorobenzene (S)	93.9 %	60-155		1			1902
4-Bromofluorobenzene (S)	101 %	50-158		1			1902



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767003

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-20

Date/Time Collected: 7/27/2010 13:00

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1400 EPA 300.0 on 07/30/2010 02:05 by CFS

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Chloride	150		10.0	2.52	20			1400

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 2044 SW-846 8015B DRO LVI on 07/30/2010 14:29 by NIM

Analytical Batches:

Batch: 1817 SW-846 8015B DRO LVI on 08/04/2010 09:46 by NDW

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2044	1817
n-Pentacosane (S)	48.2 %		10-185		1		2044	1817

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1900 SW-846 8021B on 08/04/2010 03:57 by NNM

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	ug/l	Qual					Prep	Analysis
Benzene	ND		1.0	0.32	1			1900
Ethylbenzene	ND		1.0	0.22	1			1900
Toluene	ND		1.0	0.15	1			1900
m,p-Xylene	ND		1.0	0.12	1			1900
o-Xylene	ND		1.0	0.21	1			1900
Xylenes, Total	ND		1.0	0.12	1			1900
1,4-Difluorobenzene (S)	97.7 %		70-130		1			1900
4-Bromofluorobenzene (S)	105 %		70-130		1			1900
Preservation pH	<2				1			1900

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas

SW-846 8015B GRO Gas Analytical Batches:

Batch: 1902 SW-846 8015B GRO Gas on 08/04/2010 03:57 by NNM

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767003

Date/Time Received: 7/29/2010 09:00

Matrix: Water

Sample ID: MW-20

Date/Time Collected: 7/27/2010 13:00

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1902
1,4-Difluorobenzene (S)	94.1 %	60-155		1			1902
4-Bromofluorobenzene (S)	100 %	50-158		1			1902



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767004
 Sample ID: MW-25

Date/Time Received: 7/29/2010 09:00 Matrix: Water
 Date/Time Collected: 7/27/2010 13:13

WET CHEMISTRY

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Chloride	126		10.0	2.52	20			1400

Diesel Range Organics (DRO)

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2044	1817
n-Pentacosane (S)	50.7 %		10-185		1		2044	1817

VOLATILES

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	ug/l	Qual					Prep	Analysis
Benzene	ND		1.0	0.32	1			1900
Ethylbenzene	ND		1.0	0.22	1			1900
Toluene	ND		1.0	0.15	1			1900
m,p-Xylene	ND		1.0	0.12	1			1900
o-Xylene	ND		1.0	0.21	1			1900
Xylenes, Total	ND		1.0	0.12	1			1900
1,4-Difluorobenzene (S)	97 %		70-130		1			1900
4-Bromofluorobenzene (S)	104 %		70-130		1			1900
Preservation pH	<2				1			1900

Gasoline Range Organics (GRO)

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767004

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-25

Date/Time Collected: 7/27/2010 13:13

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1902
1,4-Difluorobenzene (S)	94.5 %	60-155		1			1902
4-Bromofluorobenzene (S)	101 %	50-158		1			1902



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767005

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-24

Date/Time Collected: 7/27/2010 13:23

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1400 EPA 300.0 on 07/30/2010 03:13 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	257		10.0	2.52	20		1400

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 2044 SW-846 8015B DRO LVI on 07/30/2010 14:29 by N_M

Analytical Batches:

Batch: 1817 SW-846 8015B DRO LVI on 08/04/2010 11:12 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.30		0.050	0.012	1		2044 1817
n-Pentacosane (S)	68.7 %		10-185		1		2044 1817

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1926 SW-846 8021B on 08/09/2010 20:28 by JWS DF = 1

Batch: 1938 SW-846 8021B on 08/10/2010 17:17 by JWS DF = 1

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	3.2		1.0	0.32	1		1938
Ethylbenzene	7.6		1.0	0.22	1		1938
Toluene	ND		1.0	0.15	1		1926
m,p-Xylene	ND		1.0	0.12	1		1938
o-Xylene	ND		1.0	0.21	1		1926
Xylenes, Total	ND		1.0	0.12	1		1938
1,4-Difluorobenzene (S)	102 %		70-130		1		1926
1,4-Difluorobenzene (S)	103 %		70-130		1		1938
4-Bromofluorobenzene (S)	102 %		70-130		1		1926
4-Bromofluorobenzene (S)	104 %		70-130		1		1938
Preservation pH	<2				1		1926

Gasoline Range Organics (GRO)



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767005

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-24

Date/Time Collected: 7/27/2010 13:23

Analysis Desc: SW-846 8015B GRO Gas

Analytical Batches:

Batch: 1936 SW-846 8015B GRO Gas on 08/10/2010 17:17 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	0.37		0.10	0.017	1		1936
1,4-Difluorobenzene (S)	21.2 %	*	60-155		1		1936
4-Bromofluorobenzene (S)	21.2 %	*	50-158		1		1936



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767006

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-15

Date/Time Collected: 7/27/2010 13:43

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1400 EPA 300.0 on 07/30/2010 03:30 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	190		10.0	2.52	20		1400

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 2044 SW-846 8015B DRO LVI on 07/30/2010 14:30 by N_M

Analytical Batches:

Batch: 1817 SW-846 8015B DRO LVI on 08/04/2010 11:54 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	1.9		0.050	0.012	1		2044 1817
n-Pentacosane (S)	65.2 %		10-185		1		2044 1817

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1932 SW-846 8021B on 08/04/2010 21:20 by JWS

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		1932
Ethylbenzene	ND		1.0	0.22	1		1932
Toluene	ND		1.0	0.15	1		1932
m,p-Xylene	ND		1.0	0.12	1		1932
o-Xylene	ND		1.0	0.21	1		1932
Xylenes, Total	ND		1.0	0.12	1		1932
1,4-Difluorobenzene (S)	97.3 %		70-130		1		1932
4-Bromofluorobenzene (S)	104 %		70-130		1		1932
Preservation pH	<2				1		1932

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas

SW-846 8015B GRO Gas Analytical Batches:

Batch: 1922 SW-846 8015B GRO Gas on 08/04/2010 21:20 by JWS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



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ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767006

Date/Time Received: 7/29/2010 09:00

Matrix: Water

Sample ID: MW-15

Date/Time Collected: 7/27/2010 13:43

Parameters	Results				Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND	0.10	0.017	1		1922
1,4-Difluorobenzene (S)	93.7 %	60-155		1		1922
4-Bromofluorobenzene (S)	104 %	50-158		1		1922



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767007

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-4

Date/Time Collected: 7/27/2010 14:00

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1400 EPA 300.0 on 07/30/2010 03:47 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	63.1		5.00	1.26	10		1400

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 2044 SW-846 8015B DRO LVI on 07/30/2010 14:30 by N_M

Analytical Batches:

Batch: 1817 SW-846 8015B DRO LVI on 08/04/2010 12:36 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2044 1817
n-Pentacosane (S)	60.2 %		10-185		1		2044 1817

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1932 SW-846 8021B on 08/04/2010 21:49 by JWS

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		1932
Ethylbenzene	ND		1.0	0.22	1		1932
Toluene	ND		1.0	0.15	1		1932
m,p-Xylene	ND		1.0	0.12	1		1932
o-Xylene	ND		1.0	0.21	1		1932
Xylenes, Total	ND		1.0	0.12	1		1932
1,4-Difluorobenzene (S)	97.5 %		70-130		1		1932
4-Bromofluorobenzene (S)	104 %		70-130		1		1932
Preservation pH	<2				1		1932

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas

SW-846 8015B GRO Gas Analytical Batches:

Batch: 1922 SW-846 8015B GRO Gas on 08/04/2010 21:49 by JWS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



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ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767007

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-4

Date/Time Collected: 7/27/2010 14:00

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	Qual						Prep	Analysis
Gasoline Range Organics	ND		0.10	0.017	1			1922
1,4-Difluorobenzene (S)	94.4 %		60-155		1			1922
4-Bromofluorobenzene (S)	100 %		50-158		1			1922



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767008

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-5

Date/Time Collected: 7/27/2010 14:13

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1400 EPA 300.0 on 07/30/2010 04:38 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	64.1		5.00	1.26	10		1400

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 2044 SW-846 8015B DRO LVI on 07/30/2010 14:30 by N M

Analytical Batches:

Batch: 1817 SW-846 8015B DRO LVI on 08/04/2010 16:47 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2044 1817
n-Pentacosane (S)	63 %		10-185		1		2044 1817

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1932 SW-846 8021B on 08/04/2010 22:17 by JWS

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		1932
Ethylbenzene	ND		1.0	0.22	1		1932
Toluene	ND		1.0	0.15	1		1932
m,p-Xylene	ND		1.0	0.12	1		1932
o-Xylene	ND		1.0	0.21	1		1932
Xylenes, Total	ND		1.0	0.12	1		1932
1,4-Difluorobenzene (S)	98.8 %		70-130		1		1932
4-Bromofluorobenzene (S)	106 %		70-130		1		1932
Preservation pH	<2				1		1932

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas

SW-846 8015B GRO Gas Analytical Batches:

Batch: 1922 SW-846 8015B GRO Gas on 08/04/2010 22:17 by JWS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



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ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767008

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-5

Date/Time Collected: 7/27/2010 14:13

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	Qual						Prep	Analysis
Gasoline Range Organics	ND		0.10	0.017	1			1922
1,4-Difluorobenzene (S)	95.5 %		60-155		1			1922
4-Bromofluorobenzene (S)	100 %		50-158		1			1922



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767009

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-26

Date/Time Collected: 7/28/2010 07:20

WET CHEMISTRY

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	136		5.00	1.26	10		1400

Diesel Range Organics (DRO)

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2044 1817
n-Pentacosane (S)	62.8 %		10-185		1		2044 1817

VOLATILES

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		1932
Ethylbenzene	ND		1.0	0.22	1		1932
Toluene	ND		1.0	0.15	1		1932
m,p-Xylene	ND		1.0	0.12	1		1932
o-Xylene	ND		1.0	0.21	1		1932
Xylenes, Total	ND		1.0	0.12	1		1932
1,4-Difluorobenzene (S)	96.5 %		70-130		1		1932
4-Bromofluorobenzene (S)	103 %		70-130		1		1932
Preservation pH	<2				1		1932

Gasoline Range Organics (GRO)

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



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ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767009

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-26

Date/Time Collected: 7/28/2010 07:20

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	Qual						Prep	Analysis
Gasoline Range Organics	ND		0.10	0.017	1			1922
1,4-Difluorobenzene (S)	94.3 %		60-155		1			1922
4-Bromofluorobenzene (S)	100 %		50-158		1			1922



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767010

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-27

Date/Time Collected: 7/28/2010 07:38

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1400 EPA-300.0 on 07/30/2010 05:12 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	130		5.00	1.26	10		1400

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 2044 SW-846 8015B DRO LVI on 07/30/2010 14:30 by N M

Analytical Batches:

Batch: 1817 SW-846 8015B DRO LVI on 08/04/2010 18:10 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2044 1817
n-Pentacosane (S)	65.9 %		10-185		1		2044 1817

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1932 SW-846 8021B on 08/05/2010 03:21 by JWS

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		1932
Ethylbenzene	ND		1.0	0.22	1		1932
Toluene	ND		1.0	0.15	1		1932
m,p-Xylene	ND		1.0	0.12	1		1932
o-Xylene	ND		1.0	0.21	1		1932
Xylenes, Total	ND		1.0	0.12	1		1932
1,4-Difluorobenzene (S)	97.2 %		70-130		1		1932
4-Bromofluorobenzene (S)	104 %		70-130		1		1932
Preservation pH	<2				1		1932

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas

SW-846 8015B GRO Gas Analytical Batches:

Batch: 1922 SW-846 8015B GRO Gas on 08/05/2010 03:21 by JWS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



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ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767010

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-27

Date/Time Collected: 7/28/2010 07:38

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	Qual						Prep	Analysis
Gasoline Range Organics	ND		0.10	0.017	1			1922
1,4-Difluorobenzene (S)	94.4 %		60-155		1			1922
4-Bromofluorobenzene (S)	100 %		50-158		1			1922



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767011

Date/Time Received: 7/29/2010 09:00

Matrix: Water

Sample ID: MW-23

Date/Time Collected: 7/28/2010 07:55

WET CHEMISTRY

Analysis Desc: EPA:300.0

Analytical Batches:

Batch: 1400 EPA 300.0 on 07/30/2010 05:29 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	56.6		5.00	1.26	10		1400

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 2044 SW-846 8015B DRO LVI on 07/30/2010 14:30 by N_M

Analytical Batches:

Batch: 1817 SW-846 8015B DRO LVI on 08/04/2010 18:51 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2044 1817
n-Pentacosane (S)	34.4 %		10-185		1		2044 1817

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1932 SW-846 8021B on 08/05/2010 04:45 by JWS

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		1932
Ethylbenzene	ND		1.0	0.22	1		1932
Toluene	ND		1.0	0.15	1		1932
m,p-Xylene	ND		1.0	0.12	1		1932
o-Xylene	ND		1.0	0.21	1		1932
Xylenes, Total	ND		1.0	0.12	1		1932
1,4-Difluorobenzene (S)	96.6 %		70-130		1		1932
4-Bromofluorobenzene (S)	104 %		70-130		1		1932
Preservation pH	<2				1		1932

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas

SW-846 8015B GRO Gas Analytical Batches:

Batch: 1922 SW-846 8015B GRO Gas on 08/05/2010 04:45 by JWS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



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ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767011

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-23

Date/Time Collected: 7/28/2010 07:55

Parameters	Results				Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND	0.10	0.017	1		1922
1,4-Difluorobenzene (S)	94 %	60-155		1		1922
4-Bromofluorobenzene (S)	100 %	50-158		1		1922



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767012

Date/Time Received: 7/29/2010 09:00

Matrix: Water

Sample ID: MW-22

Date/Time Collected: 7/28/2010 08:12

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1400 EPA 300.0 on 07/30/2010 05:46 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	86.2		5.00	1.26	10		1400

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 2045 SW-846 8015B DRO LVI on 07/30/2010 15:27 by N.M

Analytical Batches:

Batch: 1816 SW-846 8015B DRO LVI on 08/04/2010 19:33 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2045 1816
n-Pentacosane (S)	59.9 %		10-185		1		2045 1816

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1932 SW-846 8021B on 08/05/2010 04:17 by JWS

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		1932
Ethylbenzene	ND		1.0	0.22	1		1932
Toluene	ND		1.0	0.15	1		1932
m,p-Xylene	ND		1.0	0.12	1		1932
o-Xylene	ND		1.0	0.21	1		1932
Xylenes, Total	ND		1.0	0.12	1		1932
1,4-Difluorobenzene (S)	97.5 %		70-130		1		1932
4-Bromofluorobenzene (S)	104 %		70-130		1		1932
Preservation pH	<2				1		1932

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas

SW-846 8015B GRO Gas Analytical Batches:

Batch: 1922 SW-846 8015B GRO Gas on 08/05/2010 04:17 by JWS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767012

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-22

Date/Time Collected: 7/28/2010 08:12

Parameters	Results			DF	RegLmt	Batch Information	
	Qual	Report Limit	MDL			Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1922
1,4-Difluorobenzene (S)	94 %	60-155		1			1922
4-Bromofluorobenzene (S)	101 %	50-158		1			1922



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767013

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-13

Date/Time Collected: 7/28/2010 08:22

WET CHEMISTRY

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	70.9		5.00	1.26	10		1400

Diesel Range Organics (DRO)

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2045 1816
n-Pentacosane (S)	70.5 %		10-185		1		2045 1816

VOLATILES

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		1906
Ethylbenzene	ND		1.0	0.22	1		1906
Toluene	ND		1.0	0.15	1		1906
m,p-Xylene	ND		1.0	0.12	1		1906
o-Xylene	ND		1.0	0.21	1		1906
Xylenes, Total	ND		1.0	0.12	1		1906
1,4-Difluorobenzene (S)	97.8 %		70-130		1		1906
4-Bromofluorobenzene (S)	104 %		70-130		1		1906
Preservation pH	<2				1		1906

Gasoline Range Organics (GRO)

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



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ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767013

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-13

Date/Time Collected: 7/28/2010 08:22

Parameters	Results				Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND	0.10	0.017	1		1908
1,4-Difluorobenzene (S)	94.8 %	60-155		1		1908
4-Bromofluorobenzene (S)	101 %	50-158		1		1908



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767014
 Sample ID: MW-19

Date/Time Received: 7/29/2010 09:00 Matrix: Water
 Date/Time Collected: 7/28/2010 08:30

WET CHEMISTRY

Analysis Desc: EPA 300.0 Analytical Batches:
 Batch: 1400 EPA 300.0 on 07/30/2010 07:28 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	186		10.0	2.52	20		1400

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI Preparation Batches:
 Batch: 2045 SW-846 8015B DRO LVI on 07/30/2010 15:27 by N.M.
 Analytical Batches:
 Batch: 1816 SW-846 8015B DRO LVI on 08/04/2010 20:53 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2045 1816
n-Pentacosane (S)	61.8 %		10-185		1		2045 1816

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 1906 SW-846 8021B on 08/05/2010 08:01 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		1906
Ethylbenzene	ND		1.0	0.22	1		1906
Toluene	ND		1.0	0.15	1		1906
m,p-Xylene	ND		1.0	0.12	1		1906
o-Xylene	ND		1.0	0.21	1		1906
Xylenes, Total	ND		1.0	0.12	1		1906
1,4-Difluorobenzene (S)	97.3 %		70-130		1		1906
4-Bromofluorobenzene (S)	104 %		70-130		1		1906
Preservation pH	<2				1		1906

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 1908 SW-846 8015B GRO Gas on 08/05/2010 08:01 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



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ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: **H10070767014**

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: **MW-19**

Date/Time Collected: 7/28/2010 08:30

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1908
1,4-Difluorobenzene (S)	93.8 %	60-155		1			1908
4-Bromofluorobenzene (S)	100 %	50-158		1			1908



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction

Lab ID: H10070767015

Date/Time Received: 7/29/2010 09:00

Matrix: Water

Sample ID: MW-14

Date/Time Collected: 7/28/2010 09:05

NET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1400 EPA 300.0 on 07/30/2010 07:45 by GFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	221		10.0	2.52	20		1400

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 2045 SW-846 8015B DRO LVI on 07/30/2010 15:27 by N.M

Analytical Batches:

Batch: 1816 SW-846 8015B DRO LVI on 08/12/2010 10:27 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.13		0.050	0.012	1		2045 1816
n-Pentacosane (S)	80.8 %		10-185		1		2045 1816

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1918 SW-846 8021B on 08/06/2010 18:28 by JWS

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		1918
Ethylbenzene	ND		1.0	0.22	1		1918
Toluene	ND		1.0	0.15	1		1918
m,p-Xylene	ND		1.0	0.12	1		1918
o-Xylene	ND		1.0	0.21	1		1918
Xylenes, Total	ND		1.0	0.12	1		1918
1,4-Difluorobenzene (S)	99.3 %		70-130		1		1918
4-Bromofluorobenzene (S)	99 %		70-130		1		1918
Preservation pH	<2				1		1918

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas

SW-846 8015B GRO Gas Analytical Batches:

Batch: 1920 SW-846 8015B GRO Gas on 08/06/2010 18:28 by JWS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767015

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-14

Date/Time Collected: 7/28/2010 09:05

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1920
1,4-Difluorobenzene (S)	98.4 %	60-155		1			1920
4-Bromofluorobenzene (S)	98.1 %	50-158		1			1920



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767016

Date/Time Received: 7/29/2010 09:00

Matrix: Water

Sample ID: MW-18

Date/Time Collected: 7/28/2010 09:20

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1400 EPA 300.0 on 07/30/2010 08:02 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	201		10.0	2.52	20		1400

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 2045 SW-846 8015B DRO LVI on 07/30/2010 15:27 by NLM

Analytical Batches:

Batch: 1816 SW-846 8015B DRO LVI on 08/12/2010 11:01 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.54		0.050	0.012	1		2045 1816
n-Pentacosane (S)	87.7 %		10-185		1		2045 1816

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1938 SW-846 8021B on 08/10/2010 22:01 by JWS

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	5600		20	6.4	20		1938
Ethylbenzene	130		20	4.4	20		1938
Toluene	ND		20	2.9	20		1938
m,p-Xylene	120		20	2.4	20		1938
o-Xylene	83		20	4.3	20		1938
Xylenes, Total	203		20	2.4	20		1938
1,4-Difluorobenzene (S)	107 %		70-130		20		1938
4-Bromofluorobenzene (S)	103 %		70-130		20		1938
Preservation pH	<2				20		1938

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas

SW-846 8015B GRO Gas Analytical Batches:

Batch: 1936 SW-846 8015B GRO Gas on 08/10/2010 22:01 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: **H10070767016**

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: **MW-18**

Date/Time Collected: 7/28/2010 09:20

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	17	2.0	0.34	20			1936
1,4-Difluorobenzene (S)	107 %	60-155		20			1936
4-Bromofluorobenzene (S)	103 %	50-158		20			1936



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: **H10070767017**

Date/Time Received: 7/29/2010 09:00

Matrix: Water

Sample ID: **MW-12**

Date/Time Collected: 7/28/2010 09:34

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1400 EPA 300.0 on 07/30/2010 08:19 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	190		10.0	2.52	20		1400

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 2045 SW-846 8015B DRO LVI on 07/30/2010 15:27 by N_M

Analytical Batches:

Batch: 1816 SW-846 8015B DRO LVI on 08/12/2010 11:35 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.56		0.050	0.012	1		2045 1816
n-Pentacosane (S)	63.3 %		10-185		1		2045 1816

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1924 SW-846 8021B on 08/09/2010 17:10 by JWS DF = 50

Batch: 1926 SW-846 8021B on 08/10/2010 00:47 by JWS DF = 5

Batch: 1938 SW-846 8021B on 08/10/2010 22:28 by JWS DF = 50

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	5500		50	16	50		1924
Ethylbenzene	120		50	11	50		1924
Toluene	ND		5.0	0.74	5		1926
m,p-Xylene	180		50	6.0	50		1938
o-Xylene	ND		5.0	1.1	5		1926
Xylenes, Total	180		5.0	1.1	50		1938
1,4-Difluorobenzene (S)	99.4 %		70-130		50		1924
1,4-Difluorobenzene (S)	99.5 %		70-130		50		1938
1,4-Difluorobenzene (S)	122 %		70-130		5		1926
4-Bromofluorobenzene (S)	101 %		70-130		5		1926
4-Bromofluorobenzene (S)	102 %		70-130		50		1924
4-Bromofluorobenzene (S)	104 %		70-130		50		1938
Preservation pH	<2				50		1924



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767017

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-12

Date/Time Collected: 7/28/2010 09:34

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 1928 SW-846 8015B GRO Gas on 08/09/2010 17:10 by JWS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	19		5.0	0.84	50		1928
1,4-Difluorobenzene (S)	98.6 %		60-155		50		1928
4-Bromofluorobenzene (S)	101 %		50-158		50		1928



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: **H10070767018**
 Sample ID: **SVE-10**

Date/Time Received: 7/29/2010 09:00 Matrix: Water
 Date/Time Collected: 7/28/2010 09:50

WET CHEMISTRY

Analysis Desc: EPA 300.0 Analytical Batches:
 Batch: 1400 EPA 300.0 on 07/30/2010 08:36 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	244		10.0	2.52	20		1400

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI Preparation Batches:
 Batch: 2045 SW-846 8015B DRO LVI on 07/30/2010 15:27 by N.M.
 Analytical Batches:
 Batch: 1816 SW-846 8015B DRO LVI on 08/12/2010 12:09 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2045 1816
n-Pentacosane (S)	75.6 %		10-185		1		2045 1816

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 1918 SW-846 8021B on 08/06/2010 18:57 by JWS

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		1918
Ethylbenzene	ND		1.0	0.22	1		1918
Toluene	ND		1.0	0.15	1		1918
m,p-Xylene	ND		1.0	0.12	1		1918
o-Xylene	ND		1.0	0.21	1		1918
Xylenes, Total	ND		1.0	0.12	1		1918
1,4-Difluorobenzene (S)	98.3 %		70-130		1		1918
4-Bromofluorobenzene (S)	99 %		70-130		1		1918
Preservation pH	<2				1		1918

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 1920 SW-846 8015B GRO Gas on 08/06/2010 18:57 by JWS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767018

Date/Time Received: 7/29/2010 09:00

Matrix: Water

Sample ID: SVE-10

Date/Time Collected: 7/28/2010 09:50

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	ND	0.10	0.017	1			1920
1,4-Difluorobenzene (S)	97.4 %	60-155		1			1920
4-Bromofluorobenzene (S)	98.1 %	50-158		1			1920



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: **H10070767019**
 Sample ID: **MW-11**

Date/Time Received: 7/29/2010 09:00 Matrix: Water
 Date/Time Collected: 7/28/2010 10:03

WET CHEMISTRY

Analysis Desc: EPA 300.0		Analytical Batches:						Batch Information:	
		Batch: 1400 EPA 300.0 on 07/30/2010 08:53 by CFS						Prep Analysis	
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt			
Chloride	250		10.0	2.52	20		1400		

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI		Preparation Batches:						Batch Information:	
		Batch: 2045 SW-846 8015B DRO LVI on 07/30/2010 15:27 by N.M						Prep Analysis	
		Analytical Batches:							
		Batch: 1816 SW-846 8015B DRO LVI on 08/12/2010 12:44 by NDW							
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt			
Diesel Range Organics(C10-C28)	10		0.50	0.12	10		2045 1816		
n-Pentacosane (S)	52.7 %		10-185		10		2045 1816		

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						Batch Information:	
		Batch: 1924 SW-846 8021B on 08/09/2010 17:38 by JWS						Prep Analysis	
Parameters	Results ug/l	Qual	Report Limit	MDL	DF	RegLmt			
Benzene	3800		50	16	50		1924		
Ethylbenzene	700		50	11	50		1924		
Toluene	1500		50	7.4	50		1924		
m,p-Xylene	1300		50	6.0	50		1924		
o-Xylene	370		50	11	50		1924		
Xylenes, Total	1670		50	6.0	50		1924		
1,4-Difluorobenzene (S)	101 %		70-130		50		1924		
4-Bromofluorobenzene (S)	102 %		70-130		50		1924		
Preservation pH	<2				50		1924		

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						Batch Information:	
		Batch: 1928 SW-846 8015B GRO Gas on 08/09/2010 17:38 by JWS						Prep Analysis	
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt			



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: **H10070767019**
Sample ID: **MW-11**

Date/Time Received: 7/29/2010 09:00 Matrix: Water
Date/Time Collected: 7/28/2010 10:03

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	29	5.0	0.84	50			1928
1,4-Difluorobenzene (S)	101 %	60-155		50			1928
4-Bromofluorobenzene (S)	102 %	50-158		50			1928



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767020

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-6

Date/Time Collected: 7/28/2010 10:20

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1400 EPA 300.0 on 07/30/2010 09:10 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	111		5.00	1.26	10		1400

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 2045 SW-846 8015B DRO LVI on 07/30/2010 15:27 by N.M

Analytical Batches:

Batch: 1816 SW-846 8015B DRO LVI on 08/12/2010 13:18 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	2.9		0.50	0.12	10		2045 1816
n-Pentacosane (S)	69.3 %		10-185		10		2045 1816

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1938 SW-846 8021B on 08/10/2010 21:33 by JWS

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	40		5.0	1.6	5		1938
Ethylbenzene	180		5.0	1.1	5		1938
Toluene	14		5.0	0.74	5		1938
m,p-Xylene	67		5.0	0.60	5		1938
o-Xylene	35		5.0	1.1	5		1938
Xylenes, Total	102		5.0	0.60	5		1938
1,4-Difluorobenzene (S)	102 %		70-130		5		1938
4-Bromofluorobenzene (S)	104 %		70-130		5		1938
Preservation pH	<2				5		1938

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas

SW-846 8015B GRO Gas Analytical Batches:

Batch: 1936 SW-846 8015B GRO Gas on 08/10/2010 21:33 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767020

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: MW-6

Date/Time Collected: 7/28/2010 10:20

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	3.1	0.50	0.084	5			1936
1,4-Difluorobenzene (S)	109 %	60-155		5			1936
4-Bromofluorobenzene (S)	106 %	50-158		5			1936



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767021

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: Dup #1

Date/Time Collected: 7/27/2010 00:00

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1400 EPA 300.0 on 07/30/2010 10:01 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	255		10.0	2.52	20		1400

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 2045 SW-846 8015B DRO LVI on 07/30/2010 15:27 by N_M

Analytical Batches:

Batch: 1816 SW-846 8015B DRO LVI on 08/12/2010 13:53 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.33		0.050	0.012	1		2045 1816
n-Pentacosane (S)	81.5 %		10-185		1		2045 1816

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1924 SW-846 8021B on 08/09/2010 15:16 by JWS

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	1.2		1.0	0.32	1		1924
Ethylbenzene	1.2		1.0	0.22	1		1924
Toluene	ND		1.0	0.15	1		1924
m,p-Xylene	ND		1.0	0.12	1		1924
o-Xylene	ND		1.0	0.21	1		1924
Xylenes, Total	ND		1.0	0.12	1		1924
1,4-Difluorobenzene (S)	102 %		70-130		1		1924
4-Bromofluorobenzene (S)	103 %		70-130		1		1924
Preservation pH	<2				1		1924

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas

SW-846 8015B GRO Gas Analytical Batches:

Batch: 1928 SW-846 8015B GRO Gas on 08/09/2010 15:16 by JWS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767021
Sample ID: Dup #1

Date/Time Received: 7/29/2010 09:00 Matrix: Water
Date/Time Collected: 7/27/2010 00:00

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	0.26	0.10	0.017	1			1928
1,4-Difluorobenzene (S)	104 %	60-155		1			1928
4-Bromofluorobenzene (S)	100 %	50-158		1			1928



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767022

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: Dup #2

Date/Time Collected: 7/28/2010 00:00

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1400 EPA 300.0 on 07/30/2010 10:18 by CFS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	194		10.0	2.52	20		1400

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI

Preparation Batches:

Batch: 2045 SW-846 8015B DRO LVI on 07/30/2010 15:27 by N.M

Analytical Batches:

Batch: 1816 SW-846 8015B DRO LVI on 08/12/2010 14:28 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.52		0.050	0.012	1		2045 1816
n-Pentacosane (S)	91 %		10-185		1		2045 1816

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 1938 SW-846 8021B on 08/10/2010 17:45 by JWS

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	5500		25	8.0	25		1938
Ethylbenzene	140		25	5.5	25		1938
Toluene	ND		25	3.7	25		1938
m,p-Xylene	190		25	3.0	25		1938
o-Xylene	ND		25	5.4	25		1938
Xylenes, Total	190		25	3.0	25		1938
1,4-Difluorobenzene (S)	106 %		70-130		25		1938
4-Bromofluorobenzene (S)	103 %		70-130		25		1938
Preservation pH	<2				25		1938

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas

SW-846 8015B GRO Gas Analytical Batches:

Batch: 1936 SW-846 8015B GRO Gas on 08/10/2010 17:45 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767022

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: Dup #2

Date/Time Collected: 7/28/2010 00:00

Parameters	Results					Batch Information	
	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Gasoline Range Organics	20	2.5	0.42	25			1936
1,4-Difluorobenzene (S)	103 %	60-155		25			1936
4-Bromofluorobenzene (S)	103 %	50-158		25			1936



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767023
Sample ID: Trip Blank

Date/Time Received: 7/29/2010 09:00 Matrix: Water
Date/Time Collected: 7/28/2010 11:00

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
Batch: 1906 SW-846 8021B on 08/05/2010 08:29 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		1906
Ethylbenzene	ND		1.0	0.22	1		1906
Toluene	ND		1.0	0.15	1		1906
m,p-Xylene	ND		1.0	0.12	1		1906
o-Xylene	ND		1.0	0.21	1		1906
Xylenes, Total	ND		1.0	0.12	1		1906
1,4-Difluorobenzene (S)	96.9 %		70-130		1		1906
4-Bromofluorobenzene (S)	104 %		70-130		1		1906
Preservation pH	<2				1		1906

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
Batch: 1908 SW-846 8015B GRO Gas on 08/05/2010 08:29 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND		0.10	0.017	1		1908
1,4-Difluorobenzene (S)	93.5 %		60-155		1		1908
4-Bromofluorobenzene (S)	101 %		50-158		1		1908



ANALYTICAL RESULTS

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID: H10070767024

Date/Time Received: 7/29/2010 09:00 Matrix: Water

Sample ID: Trip Blank #2

Date/Time Collected: 7/27/2010 00:00

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
Batch: 1924 SW-846 8021B on 08/09/2010 14:20 by JWS

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		1924
Ethylbenzene	ND		1.0	0.22	1		1924
Toluene	ND		1.0	0.15	1		1924
m,p-Xylene	ND		1.0	0.12	1		1924
o-Xylene	ND		1.0	0.21	1		1924
Xylenes, Total	ND		1.0	0.12	1		1924
1,4-Difluorobenzene (S)	99.1 %		70-130		1		1924
4-Bromofluorobenzene (S)	101 %		70-130		1		1924
Preservation pH	<2				1		1924



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

QC Batch: EXTO/2044 Analysis Method: SW-846 8015B DRO LVI
 QC Batch Method: SW-846 8015B DRO LVI Preparation: 07/30/2010 14:29 by N_M
 Associated Lab Samples: H10070767001 H10070767002 H10070767003 H10070767004 H10070767005 H10070767006
 H10070767007 H10070767008 H10070767009 H10070767010 H10070767011

METHOD BLANK: 59675

Analysis Date/Time Analyst: 08/04/2010 06:06 NDW

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Diesel Range Organics(C10-C28)	mg/l	ND		0.050
n-Pentacosane (S)	%	135		10-185

LABORATORY CONTROL SAMPLE & LCSD: 59676 59677

LCS Analysis Date/Time Analyst: 08/04/2010 06:51 NDW

LCSD Analysis Date/Time 08/04/2010 07:35 NDW

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD
Diesel Range Organics(C10-C28)	mg/l	2	3.16	3.15	158	157	21-175	0.3	43
n-Pentacosane (S)	%				153	147	10-185		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

QC Batch: EXT0/2045 Analysis Method: SW-846 8015B DRO LVI
 QC Batch Method: SW-846 8015B DRO LVI Preparation: 07/30/2010 15:26 by N_M
 Associated Lab Samples: H10070767012 H10070767013 H10070767014 H10070767015 H10070767016 H10070767017
 H10070767018 H10070767019 H10070767020 H10070767021 H10070767022

METHOD BLANK: 59678

Analysis Date/Time Analyst: 08/04/2010 14:42 NDW

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Diesel Range Organics(C10-C28)	mg/l	ND		0.050
n-Pentacosane (S)	%	124		10-185

LABORATORY CONTROL SAMPLE & LCSD: 59679 59680

LCS Analysis Date/Time Analyst: 08/04/2010 15:23 NDW

LCSD Analysis Date/Time 08/04/2010 16:05 NDW

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD
Diesel Range Organics(C10-C28)	mg/l	2	2.93	3.03	147	152	21-175	3.3	43
n-Pentacosane (S)	%				149	152	10-185		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

QC Batch: IC/1400 Analysis Method: EPA 300.0
 QC Batch Method: EPA 300.0

Associated Lab Samples:	H10070754001	H10070760001	H10070767001	H10070767002	H10070767003	H10070767004
	H10070767005	H10070767006	H10070767007	H10070767008	H10070767009	H10070767010
	H10070767011	H10070767012	H10070767013	H10070767014	H10070767015	H10070767016
	H10070767017	H10070767018	H10070767019	H10070767020	H10070767021	H10070767022

METHOD BLANK: 59911

Analysis Date/Time Analyst: 07/29/2010 23:49 CFS

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Chloride	mg/l	ND		0.500

LABORATORY CONTROL SAMPLE: 59912

Analysis Date/Time Analyst: 07/30/2010 00:06 CFS

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Chloride	mg/l	10	9.514	95.1	85-115

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:59913 59914 Original: H10070754001

MS Analysis Date/Time Analyst: 07/30/2010 00:40 CFS

MSD Analysis Date/Time Analyst: 07/30/2010 00:57 CFS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Chloride	mg/l	839	1000	1790	1790	95.1	95.0	80-120	0.0	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:59915 59916 Original: H10070767007

MS Analysis Date/Time Analyst: 07/30/2010 04:04 CFS

MSD Analysis Date/Time Analyst: 07/30/2010 04:21 CFS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Chloride	mg/l	63.1	100	159.7	163.9	96.6	101	80-120	2.7	20

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:59917 59918 Original: H10070767013

MS Analysis Date/Time Analyst: 07/30/2010 06:54 CFS

MSD Analysis Date/Time Analyst: 07/30/2010 07:11 CFS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Chloride	mg/l	70.9	100	162.7	167.4	91.8	96.6	80-120	2.9	20

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

QC Batch: GCVW/1897 Analysis Method: SW-846 8015B GRO Gas
 QC Batch Method: SW-846 5030 Preparation: 08/03/2010 00:00 by GCV
 Associated Lab Samples: H10070725003 H10070725007 H10070725009 H10070767001

METHOD BLANK: 60804
 Analysis Date/Time Analyst: 08/03/2010 15:41 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Gasoline Range Organics	mg/l	ND		0.10
4-Bromofluorobenzene (S)	%	99.9		50-158
1,4-Difluorobenzene (S)	%	94.9		60-155

LABORATORY CONTROL SAMPLE: 60805
 Analysis Date/Time Analyst: 08/03/2010 16:37 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Gasoline Range Organics	mg/l	1.0	0.916	91.6	70-130
4-Bromofluorobenzene (S)	%			103	50-158
1,4-Difluorobenzene (S)	%			95.3	60-155

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:60808 60809 Original: H10070767001

MS Analysis Date/Time Analyst: 08/03/2010 19:28 NNM
 MSD Analysis Date/Time Analyst: 08/03/2010 19:56 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Gasoline Range Organics	mg/l	ND	1.0	0.865	0.908	86.5	90.8	36-160	4.9	36
4-Bromofluorobenzene (S)	%	100				103	104	50-158		30
1,4-Difluorobenzene (S)	%	94.1				95.0	100	60-155		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

QC Batch: GCVV/1899 Analysis Method: SW-846 8021B
 QC Batch Method: SW-846 5030 Preparation: 08/04/2010 00:00 by JWW
 Associated Lab Samples: H10070767002 H10070767003 H10070767004 H10070819001 H10070819002 H10070819003
 H10070822001 H10070822002 H10070822003 H10080042007 H10080071013 H10080072009
 H10080083022 H10080083023

METHOD BLANK: 60869

Analysis Date/Time Analyst: 08/04/2010 02:04 JWS

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Benzene	ug/l	ND		1.0
Ethylbenzene	ug/l	ND		1.0
Toluene	ug/l	ND		1.0
m,p-Xylene	ug/l	ND		1.0
o-Xylene	ug/l	ND		1.0
Xylenes, Total	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	97.2		70-130
4-Bromofluorobenzene (S)	%	103		70-130

LABORATORY CONTROL SAMPLE: 60870

Analysis Date/Time Analyst: 08/04/2010 02:32 JWS

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Benzene	ug/l	20	22.4	112	70-130
Ethylbenzene	ug/l	20	20.7	103	70-130
Toluene	ug/l	20	22.2	111	70-130
m,p-Xylene	ug/l	40	41.1	103	70-130
o-Xylene	ug/l	20	20.4	102	70-130
Xylenes, Total	ug/l	60	61.5	103	70-130
1,4-Difluorobenzene (S)	%			97.3	70-130
4-Bromofluorobenzene (S)	%			105	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:60871 60872 Original: H10070767004

MS Analysis Date/Time Analyst: 08/04/2010 04:53 JWS

MSD Analysis Date/Time Analyst: 08/04/2010 05:21 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Benzene	ug/l	ND	20	22.1	22.2	110	111	66-141	0.9	31
Ethylbenzene	ug/l	0.095	20	20.3	20.4	101	102	52-136	0.5	28
Toluene	ug/l	ND	20	21.7	21.9	109	109	61-131	0.6	25
m,p-Xylene	ug/l	ND	40	40.2	40.4	101	101	60-130	0.3	36

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:60871 60872 Original: H10070767004

MS Analysis Date/Time Analyst: 08/04/2010 04:53 JWS

MSD Analysis Date/Time Analyst: 08/04/2010 05:21 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
o-Xylene	ug/l	ND	20	20.0	20.1	100	101	64-130	0.6	30
Xylenes, Total	ug/l	ND	60	60.2	60.5	100	101	60-130	0.4	36
1,4-Difluorobenzene (S)	%	97				97.3	97.6	70-130		30
4-Bromofluorobenzene (S)	%	104				104	105	70-130		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

QC Batch: GCVW/1901 Analysis Method: SW-846 8015B GRO Gas
 QC Batch Method: SW-846 5030 Preparation: 08/03/2010 00:00 by GCV
 Associated Lab Samples: H10070767002 H10070767003 H10070767004

METHOD BLANK: 60914

Analysis Date/Time Analyst: 08/04/2010 02:04 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Gasoline Range Organics	mg/l	ND		0.10
4-Bromofluorobenzene (S)	%	102		50-158
1,4-Difluorobenzene (S)	%	95.3		60-155

LABORATORY CONTROL SAMPLE: 60915

Analysis Date/Time Analyst: 08/04/2010 03:00 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Gasoline Range Organics	mg/l	1.0	0.89	89.0	70-130
4-Bromofluorobenzene (S)	%			104	50-158
1,4-Difluorobenzene (S)	%			95.2	60-155

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 60916 60917 Original: H10070767003

MS Analysis Date/Time Analyst: 08/04/2010 08:44 NNM

MSD Analysis Date/Time Analyst: 08/04/2010 09:12 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Gasoline Range Organics	mg/l	ND	1.0	0.80	0.747	80.0	74.7	36-160	6.9	36
4-Bromofluorobenzene (S)	%	100				103	103	50-158		30
1,4-Difluorobenzene (S)	%	94.1				97.6	97.0	60-155		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

QC Batch: GCVW/1905 Analysis Method: SW-846 8021B
 QC Batch Method: SW-846 5030 Preparation: 08/05/2010 00:00 by GCV
 Associated Lab Samples: H10070767013 H10070767014 H10070767023 H10080076015 H10080112006 H10080114008

METHOD BLANK: 61221

Analysis Date/Time Analyst: 08/05/2010 06:09 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Benzene	ug/l	ND		1.0
Ethylbenzene	ug/l	ND		1.0
Toluene	ug/l	ND		1.0
m,p-Xylene	ug/l	ND		1.0
o-Xylene	ug/l	ND		1.0
Xylenes, Total	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	97.6		70-130
4-Bromofluorobenzene (S)	%	104		70-130

LABORATORY CONTROL SAMPLE: 61222

Analysis Date/Time Analyst: 08/05/2010 06:37 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Benzene	ug/l	20	21.4	107	70-130
Ethylbenzene	ug/l	20	19.8	98.8	70-130
Toluene	ug/l	20	21.1	106	70-130
m,p-Xylene	ug/l	40	39.4	98.4	70-130
o-Xylene	ug/l	20	19.7	98.3	70-130
Xylenes, Total	ug/l	60	59.0	98.4	70-130
1,4-Difluorobenzene (S)	%			96.7	70-130
4-Bromofluorobenzene (S)	%			104	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 61223 61224 Original: H10070767014

MS Analysis Date/Time Analyst: 08/05/2010 14:48 NNM

MSD Analysis Date/Time Analyst: 08/05/2010 15:16 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Benzene	ug/l	ND	20	22.2	22.8	111	114	66-141	200 *	31
Ethylbenzene	ug/l	ND	20	20.8	21.3	104	106	52-136	200 *	28
Toluene	ug/l	ND	20	22.1	22.4	110	112	61-131	200 *	25
m,p-Xylene	ug/l	ND	40	41.3	42.2	103	106	60-130	200 *	36
o-Xylene	ug/l	ND	20	20.3	20.8	102	104	64-130	200 *	30
Xylenes, Total	ug/l	ND	60	61.6	63.0	103	105	60-130	200 *	36

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:61223 61224 Original: H10070767014

MS Analysis Date/Time Analyst: 08/05/2010 14:48 NNM

MSD Analysis Date/Time Analyst: 08/05/2010 15:16 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
1,4-Difluorobenzene (S)	%	97.3				96.5	96.6	70-130	*	30
4-Bromofluorobenzene (S)	%	104				105	105	70-130	*	30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

QC Batch: GCVW/1907 Analysis Method: SW-846 8015B GRO Gas
 QC Batch Method: SW-846 5030 Preparation: 08/05/2010 00:00 by GCV
 Associated Lab Samples: H10070767013 H10070767014 H10070767023

METHOD BLANK: 61242
 Analysis Date/Time Analyst: 08/05/2010 06:09 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Gasoline Range Organics	mg/l	ND		0.10
4-Bromofluorobenzene (S)	%	101		50-158
1,4-Difluorobenzene (S)	%	94.9		60-155

LABORATORY CONTROL SAMPLE: 61243
 Analysis Date/Time Analyst: 08/05/2010 07:05 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Gasoline Range Organics	mg/l	1.0	0.875	87.5	70-130
4-Bromofluorobenzene (S)	%			103	50-158
1,4-Difluorobenzene (S)	%			94.4	60-155

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:61244 61245 Original: H10070767013

MS Analysis Date/Time Analyst: 08/05/2010 10:36 NNM
 MSD Analysis Date/Time Analyst: 08/05/2010 11:04 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Gasoline Range Organics	mg/l	ND	1.0	1.0	0.98	100	98.0	36-160	2.5	36
4-Bromofluorobenzene (S)	%	101				105	104	50-158		30
1,4-Difluorobenzene (S)	%	94.8				99.6	98.6	60-155		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

QC Batch: GCVW/1917 Analysis Method: SW-846 8021B
 QC Batch Method: SW-846 5030 Preparation: 08/06/2010 00:00 by GCV
 Associated Lab Samples: H10070725001 H10070725002 H10070725004 H10070725005 H10070725006 H10070767015
 H10070767018 H10070822001 H10080149008 H10080150011 H10080151007

METHOD BLANK: 61751

Analysis Date/Time Analyst: 08/06/2010 10:10 JWS

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Benzene	ug/l	ND		1.0
Ethylbenzene	ug/l	ND		1.0
Toluene	ug/l	ND		1.0
m,p-Xylene	ug/l	ND		1.0
o-Xylene	ug/l	ND		1.0
Xylenes, Total	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	98.7		70-130
4-Bromofluorobenzene (S)	%	101		70-130

LABORATORY CONTROL SAMPLE: 61752

Analysis Date/Time Analyst: 08/06/2010 10:38 JWS

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Benzene	ug/l	20	20.9	105	70-130
Ethylbenzene	ug/l	20	19.4	97.2	70-130
Toluene	ug/l	20	20.5	103	70-130
m,p-Xylene	ug/l	40	38.6	96.5	70-130
o-Xylene	ug/l	20	19.2	96.0	70-130
Xylenes, Total	ug/l	60	57.8	96.4	70-130
1,4-Difluorobenzene (S)	%			99.0	70-130
4-Bromofluorobenzene (S)	%			102	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 61757 61758 Original: H10070725004

MS Analysis Date/Time Analyst: 08/06/2010 13:15 JWS

MSD Analysis Date/Time Analyst: 08/06/2010 13:43 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Benzene	ug/l	ND	20	24.7	23.5	124	118	66-141	4.9	31
Ethylbenzene	ug/l	ND	20	23.3	18.1	116	90.3	52-136	25.2	28
Toluene	ug/l	0.014	20	27.2	22.5	136 *	112	61-131	19.1	25
m,p-Xylene	ug/l	0.51	40	47.8	37.5	118	92.5	60-130	24.2	36
o-Xylene	ug/l	0.16	20	26.6	20.6	132 *	102	64-130	25.5	30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:61757 61758 Original: H10070725004

MS Analysis Date/Time Analyst: 08/06/2010 13:15 JWS

MSD Analysis Date/Time Analyst: 08/06/2010 13:43 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Xylenes, Total	ug/l	ND	60	74.4	58.1	124	96.8	60-130	24.7	36
1,4-Difluorobenzene (S)	%	100				101	100	70-130		30
4-Bromofluorobenzene (S)	%	102				130	106	70-130		30

QC results presented in the QC Control Data 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. Also, MS/MSD.% recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

QC Batch: GCVW/1919 Analysis Method: SW-846 8015B GRO Gas
 QC Batch Method: SW-846 5030 Preparation: 08/06/2010 00:00 by GCV
 Associated Lab Samples: H10070725001 H10070725002 H10070725004 H10070725005 H10070725006 H10070767015
 H10070767018

METHOD BLANK: 61868

Analysis Date/Time Analyst: 08/06/2010 10:10 JWS

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Gasoline Range Organics	mg/l	ND		0.10
4-Bromofluorobenzene (S)	%	99.1		50-158
1,4-Difluorobenzene (S)	%	96.9		60-155

LABORATORY CONTROL SAMPLE: 61869

Analysis Date/Time Analyst: 08/06/2010 11:07 JWS

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Gasoline Range Organics	mg/l	1.0	0.918	91.8	70-130
4-Bromofluorobenzene (S)	%			101	50-158
1,4-Difluorobenzene (S)	%			97.8	60-155

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 61870 61871 Original: H10070725002

MS Analysis Date/Time Analyst: 08/06/2010 14:11 JWS

MSD Analysis Date/Time Analyst: 08/06/2010 14:39 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Gasoline Range Organics	mg/l	0.24	1.0	1.08	1.01	84.4	77.2	36-160	6.9	36
4-Bromofluorobenzene (S)	%	111				110	106	50-158		30
1,4-Difluorobenzene (S)	%	97.6				102	101	60-155		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

QC Batch: GCVW/1921 Analysis Method: SW-846 8015B GRO Gas
 QC Batch Method: SW-846 5030 Preparation: 08/04/2010 00:00 by GCV
 Associated Lab Samples: H10070767006 H10070767007 H10070767008 H10070767009 H10070767010 H10070767011
 H10070767012

METHOD BLANK: 61875

Analysis Date/Time Analyst: 08/04/2010 19:56 JWS

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Gasoline Range Organics	mg/l	ND		0.10
4-Bromofluorobenzene (S)	%	102		50-158
1,4-Difluorobenzene (S)	%	94.9		60-155

LABORATORY CONTROL SAMPLE: 61876

Analysis Date/Time Analyst: 08/04/2010 20:52 JWS

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Gasoline Range Organics	mg/l	1.0	0.908	90.8	70-130
4-Bromofluorobenzene (S)	%			104	50-158
1,4-Difluorobenzene (S)	%			96.5	60-155

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 61877 61878 Original: H10070767007

MS Analysis Date/Time Analyst: 08/05/2010 00:32 JWS

MSD Analysis Date/Time Analyst: 08/05/2010 01:00 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Gasoline Range Organics	mg/l	ND	1.0	1.02	1.03	102	103	36-160	0.8	36
4-Bromofluorobenzene (S)	%	100				104	105	50-158		30
1,4-Difluorobenzene (S)	%	94.4				94.7	94.6	60-155		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

QC Batch: GCVW/1923 Analysis Method: SW-846 8021B
 QC Batch Method: SW-846 5030 Preparation: 08/09/2010 00:00 by GCV
 Associated Lab Samples: H10070767017 H10070767019 H10070767021 H10070767024

METHOD BLANK: 61900

Analysis Date/Time Analyst: 08/09/2010 08:20 JWS

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Benzene	ug/l	ND		1.0
Ethylbenzene	ug/l	ND		1.0
Toluene	ug/l	ND		1.0
m,p-Xylene	ug/l	ND		1.0
o-Xylene	ug/l	ND		1.0
Xylenes, Total	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	98.9		70-130
4-Bromofluorobenzene (S)	%	101		70-130

LABORATORY CONTROL SAMPLE: 61901

Analysis Date/Time Analyst: 08/09/2010 08:48 JWS

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Benzene	ug/l	20	21.1	105	70-130
Ethylbenzene	ug/l	20	19.6	97.8	70-130
Toluene	ug/l	20	20.9	104	70-130
m,p-Xylene	ug/l	40	39.1	97.7	70-130
o-Xylene	ug/l	20	19.4	96.8	70-130
Xylenes, Total	ug/l	60	58.4	97.4	70-130
1,4-Difluorobenzene (S)	%			98.9	70-130
4-Bromofluorobenzene (S)	%			102	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 61902 61903 Original: H10070767021

MS Analysis Date/Time Analyst: 08/09/2010 16:13 JWS

MSD Analysis Date/Time Analyst: 08/09/2010 16:41 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Benzene	ug/l	1.2	20	30.3	30.0	146 *	144 *	66-141	1.0	31
Ethylbenzene	ug/l	1.2	20	24.8	24.7	118	117	52-136	0.4	28
Toluene	ug/l	0.19	20	26.4	26.2	131	130	61-131	0.7	25
m,p-Xylene	ug/l	0.62	40	47.8	47.6	118	117	60-130	0.5	36
o-Xylene	ug/l	ND	20	24.6	24.5	123	122	64-130	0.6	30
Xylenes, Total	ug/l	ND	60	72.5	72.1	121	120	60-130	0.5	36

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 61902 61903 Original: H10070767021

MS Analysis Date/Time Analyst: 08/09/2010 16:13 JWS

MSD Analysis Date/Time Analyst: 08/09/2010 16:41 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
1,4-Difluorobenzene (S)	%	102				101	101	70-130		30
4-Bromofluorobenzene (S)	%	103				104	104	70-130		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

QC Batch: GCWV/1927 Analysis Method: SW-846 8015B GRO Gas
 QC Batch Method: SW-846 5030 Preparation: 08/09/2010 00:00 by GCV
 Associated Lab Samples: H10070767017 H10070767019 H10070767021

METHOD BLANK: 62085

Analysis Date/Time Analyst: 08/09/2010 08:20 JWS

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Gasoline Range Organics	mg/l	ND		0.10
4-Bromofluorobenzene (S)	%	99		50-158
1,4-Difluorobenzene (S)	%	97.1		60-155

LABORATORY CONTROL SAMPLE: 62086

Analysis Date/Time Analyst: 08/09/2010 09:16 JWS

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Gasoline Range Organics	mg/l	1.0	1.01	101	70-130
4-Bromofluorobenzene (S)	%			102	50-158
1,4-Difluorobenzene (S)	%			103	60-155

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:62104 62105 Original: H10080238001

MS Analysis Date/Time Analyst: 08/09/2010 11:59 JWS

MSD Analysis Date/Time Analyst: 08/09/2010 12:27 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Gasoline Range Organics	mg/l	0.11	1.0	1.24	1.27	113	115	36-160	1.7	36
4-Bromofluorobenzene (S)	%	ND				103	104	50-158		30
1,4-Difluorobenzene (S)	%	ND				102	102	60-155		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

QC Batch: GCVW/1929 Analysis Method: SW-846 8021B
 QC Batch Method: SW-846 5030 Preparation: 08/04/2010 00:00 by GCV
 Associated Lab Samples: H10070725003 H10070725007 H10070725009 H10070767001

METHOD BLANK: 62174

Analysis Date/Time Analyst: 08/03/2010 15:41 JWS

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Benzene	ug/l	ND		1.0
Ethylbenzene	ug/l	ND		1.0
Toluene	ug/l	ND		1.0
m,p-Xylene	ug/l	ND		1.0
o-Xylene	ug/l	ND		1.0
Xylenes, Total	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	97.4		70-130
4-Bromofluorobenzene (S)	%	103		70-130

LABORATORY CONTROL SAMPLE: 62175

Analysis Date/Time Analyst: 08/03/2010 16:09 JWS

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Benzene	ug/l	20	20.6	103	70-130
Ethylbenzene	ug/l	20	19.1	95.6	70-130
Toluene	ug/l	20	20.4	102	70-130
m,p-Xylene	ug/l	40	38.2	95.5	70-130
o-Xylene	ug/l	20	19.0	94.8	70-130
Xylenes, Total	ug/l	60	57.2	95.3	70-130
1,4-Difluorobenzene (S)	%			97.7	70-130
4-Bromofluorobenzene (S)	%			105	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 62176 62177 Original: H10070725003

MS Analysis Date/Time Analyst: 08/03/2010 18:31 JWS

MSD Analysis Date/Time Analyst: 08/03/2010 18:59 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Benzene	ug/l	ND	20	20.5	20.4	102	102	66-141	0.5	31
Ethylbenzene	ug/l	ND	20	18.9	18.7	94.4	93.5	52-136	1.0	28
Toluene	ug/l	0.086	20	20.3	19.9	101	98.9	61-131	2.0	25
m,p-Xylene	ug/l	0.18	40	37.6	37.2	93.5	92.6	60-130	1.0	36
o-Xylene	ug/l	ND	20	18.6	18.5	93.1	92.6	64-130	0.5	30
Xylenes, Total	ug/l	ND	60	56.2	55.7	93.7	92.9	60-130	0.8	36

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



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QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:62176 62177 Original: H10070725003

MS Analysis Date/Time Analyst: 08/03/2010 18:31 JWS

MSD Analysis Date/Time Analyst: 08/03/2010 18:59 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
1,4-Difluorobenzene (S)	%	97.5				97.0	96.7	70-130		30
4-Bromofluorobenzene (S)	%	103				105	104	70-130		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

QC Batch: GCVW/1931 Analysis Method: SW-846 8021B
 QC Batch Method: SW-846 5030 Preparation: 08/04/2010 00:00 by GCV
 Associated Lab Samples: H10070767006 H10070767007 H10070767008 H10070767009 H10070767010 H10070767011
 H10070767012

METHOD BLANK: 62190

Analysis Date/Time Analyst: 08/04/2010 19:56 JWS

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Benzene	ug/l	ND		1.0
Ethylbenzene	ug/l	ND		1.0
Toluene	ug/l	ND		1.0
m,p-Xylene	ug/l	ND		1.0
o-Xylene	ug/l	ND		1.0
Xylenes, Total	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	97.7		70-130
4-Bromofluorobenzene (S)	%	104		70-130

LABORATORY CONTROL SAMPLE: 62191

Analysis Date/Time Analyst: 08/04/2010 20:24 JWS

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Benzene	ug/l	20	21.4	107	70-130
Ethylbenzene	ug/l	20	19.9	99.5	70-130
Toluene	ug/l	20	20.9	105	70-130
m,p-Xylene	ug/l	40	39.5	98.8	70-130
o-Xylene	ug/l	20	19.7	98.4	70-130
Xylenes, Total	ug/l	60	59.2	98.7	70-130
1,4-Difluorobenzene (S)	%			96.8	70-130
4-Bromofluorobenzene (S)	%			105	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 62192 62193 Original: H10070767008

MS Analysis Date/Time Analyst: 08/04/2010 23:36 JWS

MSD Analysis Date/Time Analyst: 08/05/2010 00:04 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Benzene	ug/l	0.33	20	19.3	25.5	95.0	126	66-141	27.7	31
Ethylbenzene	ug/l	ND	20	17.3	23.5	86.3	118	52-136	30.6 *	28
Toluene	ug/l	0.57	20	19.0	25.2	92.2	123	61-131	28.1 *	25
m,p-Xylene	ug/l	0.27	40	34.5	47.1	85.6	117	60-130	30.8	36
o-Xylene	ug/l	0.17	20	17.2	23.6	85.2	117	64-130	31.2 *	30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:62192 62193 Original: H10070767008

MS Analysis Date/Time Analyst: 08/04/2010 23:36 JWS

MSD Analysis Date/Time Analyst: 08/05/2010 00:04 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Xylenes, Total	ug/l	ND	60	51.7	70.6	86.2	118	60-130	30.9	36
1,4-Difluorobenzene (S)	%	98.8				97.2	98.1	70-130		30
4-Bromofluorobenzene (S)	%	106				106	106	70-130		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

QC Batch: GCVW/1935 Analysis Method: SW-846 8015B GRO Gas
 QC Batch Method: SW-846 5030 Preparation: 08/10/2010 00:00 by NNM
 Associated Lab Samples: H10070725008 H10070767016 H10070767020 H10070767022

METHOD BLANK: 62352
 Analysis Date/Time Analyst: 08/10/2010 15:25 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Gasoline Range Organics	mg/l	ND		0.10
4-Bromofluorobenzene (S)	%	102		50-158
1,4-Difluorobenzene (S)	%	97.9		60-155

LABORATORY CONTROL SAMPLE: 62353
 Analysis Date/Time Analyst: 08/10/2010 16:22 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Gasoline Range Organics	mg/l	1.0	1.06	106	70-130
4-Bromofluorobenzene (S)	%			105	50-158
1,4-Difluorobenzene (S)	%			102	60-155

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 62354 62355 Original: H10070767005

MS Analysis Date/Time Analyst: 08/10/2010 19:14 NNM

MSD Analysis Date/Time Analyst: 08/10/2010 19:41 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Gasoline Range Organics	mg/l	0.37	1.0	1.28	1.34	90.9	96.6	36-160	4.4	36
4-Bromofluorobenzene (S)	%	21.2				109	107	50-158		30
1,4-Difluorobenzene (S)	%	21.2				106	109	60-155		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

QC Batch: GCVW/1937 Analysis Method: SW-846 8021B
 QC Batch Method: SW-846 5030 Preparation: 08/10/2010 00:00 by GCV
 Associated Lab Samples: H10070725008 H10070767005 H10070767016 H10070767017 H10070767020 H10070767022

METHOD BLANK: 62359

Analysis Date/Time Analyst: 08/10/2010 15:25 JWS

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Benzene	ug/l	ND		1.0
Ethylbenzene	ug/l	ND		1.0
Toluene	ug/l	ND		1.0
m,p-Xylene	ug/l	ND		1.0
o-Xylene	ug/l	ND		1.0
Xylenes, Total	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	98.1		70-130
4-Bromofluorobenzene (S)	%	103		70-130

LABORATORY CONTROL SAMPLE: 62360

Analysis Date/Time Analyst: 08/10/2010 15:54 JWS

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Benzene	ug/l	20	21.4	107	70-130
Ethylbenzene	ug/l	20	20.1	101	70-130
Toluene	ug/l	20	21.0	105	70-130
m,p-Xylene	ug/l	40	40.0	100	70-130
o-Xylene	ug/l	20	19.8	98.9	70-130
Xylenes, Total	ug/l	60	59.8	99.6	70-130
1,4-Difluorobenzene (S)	%			98.7	70-130
4-Bromofluorobenzene (S)	%			104	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 62361 62362 Original: H10070767005

MS Analysis Date/Time Analyst: 08/10/2010 18:18 JWS

MSD Analysis Date/Time Analyst: 08/10/2010 18:46 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Benzene	ug/l	3.2	20	26.1	25.9	115	113	66-141	1.1	31
Ethylbenzene	ug/l	7.6	20	22.9	22.9	76.6	76.5	52-136	0.0	28
m,p-Xylene	ug/l	0.71	40	39.4	39.2	96.6	96.2	60-130	0.4	36
Xylenes, Total	ug/l	ND	60	59.6	59.3	99.3	98.9	60-130	0.4	36
1,4-Difluorobenzene (S)	%	103				100	99.8	70-130		30
4-Bromofluorobenzene (S)	%	104				104	105	70-130		30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



Legend

(S) - Indicates analyte is a surrogate

Qualifier	Qualifier Description
-----------	-----------------------

*	Recovery/RPD value outside QC limits
+	DCS Concentration
B	Analyte detected in the Method Blank
C	MTBE results were not confirmed by GCMS
D	Recovery out of range due to dilution
E	Results exceed calibration range
H	Exceeds holding time
I	Estimated value, between MDL and PQL (Florida)
J	Estimated value
JN	The analysis indicates the presence of an analyte
MI	Matrix Interference
N	Recovery outside of control limits
NC	Not Calculable (Sample Duplicate)
NC	Not Calculated - Sample concentration > 4 times the spike
ND	Not Detected at reporting Limits
P	Pesticide dual column results, greater than 25%
Q	Received past holding time
TNTC	Too numerous to count
U	Not Detected at reporting Limits



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
H10070767001	MW-21	SW-846 8015B DRO LVI	EXTO/2044	SW-846 8015B DRO LVI	GCSV/1817
H10070767002	MW-16	SW-846 8015B DRO LVI	EXTO/2044	SW-846 8015B DRO LVI	GCSV/1817
H10070767003	MW-20	SW-846 8015B DRO LVI	EXTO/2044	SW-846 8015B DRO LVI	GCSV/1817
H10070767004	MW-25	SW-846 8015B DRO LVI	EXTO/2044	SW-846 8015B DRO LVI	GCSV/1817
H10070767005	MW-24	SW-846 8015B DRO LVI	EXTO/2044	SW-846 8015B DRO LVI	GCSV/1817
H10070767006	MW-15	SW-846 8015B DRO LVI	EXTO/2044	SW-846 8015B DRO LVI	GCSV/1817
H10070767007	MW-4	SW-846 8015B DRO LVI	EXTO/2044	SW-846 8015B DRO LVI	GCSV/1817
H10070767008	MW-5	SW-846 8015B DRO LVI	EXTO/2044	SW-846 8015B DRO LVI	GCSV/1817
H10070767009	MW-26	SW-846 8015B DRO LVI	EXTO/2044	SW-846 8015B DRO LVI	GCSV/1817
H10070767010	MW-27	SW-846 8015B DRO LVI	EXTO/2044	SW-846 8015B DRO LVI	GCSV/1817
H10070767011	MW-23	SW-846 8015B DRO LVI	EXTO/2044	SW-846 8015B DRO LVI	GCSV/1817
H10070767012	MW-22	SW-846 8015B DRO LVI	EXTO/2045	SW-846 8015B DRO LVI	GCSV/1816
H10070767013	MW-13	SW-846 8015B DRO LVI	EXTO/2045	SW-846 8015B DRO LVI	GCSV/1816
H10070767014	MW-19	SW-846 8015B DRO LVI	EXTO/2045	SW-846 8015B DRO LVI	GCSV/1816
H10070767015	MW-14	SW-846 8015B DRO LVI	EXTO/2045	SW-846 8015B DRO LVI	GCSV/1816
H10070767016	MW-18	SW-846 8015B DRO LVI	EXTO/2045	SW-846 8015B DRO LVI	GCSV/1816
H10070767017	MW-12	SW-846 8015B DRO LVI	EXTO/2045	SW-846 8015B DRO LVI	GCSV/1816
H10070767018	SVE-10	SW-846 8015B DRO LVI	EXTO/2045	SW-846 8015B DRO LVI	GCSV/1816
H10070767019	MW-11	SW-846 8015B DRO LVI	EXTO/2045	SW-846 8015B DRO LVI	GCSV/1816
H10070767020	MW-6	SW-846 8015B DRO LVI	EXTO/2045	SW-846 8015B DRO LVI	GCSV/1816
H10070767021	Dup #1	SW-846 8015B DRO LVI	EXTO/2045	SW-846 8015B DRO LVI	GCSV/1816
H10070767022	Dup #2	SW-846 8015B DRO LVI	EXTO/2045	SW-846 8015B DRO LVI	GCSV/1816
H10070767001	MW-21	EPA 300.0	IC/1400		
H10070767002	MW-16	EPA 300.0	IC/1400		
H10070767003	MW-20	EPA 300.0	IC/1400		
H10070767004	MW-25	EPA 300.0	IC/1400		
H10070767005	MW-24	EPA 300.0	IC/1400		
H10070767006	MW-15	EPA 300.0	IC/1400		
H10070767007	MW-4	EPA 300.0	IC/1400		



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
H10070767008	MW-5	EPA 300.0	IC/1400		
H10070767009	MW-26	EPA 300.0	IC/1400		
H10070767010	MW-27	EPA 300.0	IC/1400		
H10070767011	MW-23	EPA 300.0	IC/1400		
H10070767012	MW-22	EPA 300.0	IC/1400		
H10070767013	MW-13	EPA 300.0	IC/1400		
H10070767014	MW-19	EPA 300.0	IC/1400		
H10070767015	MW-14	EPA 300.0	IC/1400		
H10070767016	MW-18	EPA 300.0	IC/1400		
H10070767017	MW-12	EPA 300.0	IC/1400		
H10070767018	SVE-10	EPA 300.0	IC/1400		
H10070767019	MW-11	EPA 300.0	IC/1400		
H10070767020	MW-6	EPA 300.0	IC/1400		
H10070767021	Dup #1	EPA 300.0	IC/1400		
H10070767022	Dup #2	EPA 300.0	IC/1400		
H10070767001	MW-21	SW-846 8015B GRO Gas	GCVW/1897	SW-846 8015B GRO Gas	GCVW/1898
H10070767002	MW-16	SW-846 5030	GCVW/1899	SW-846 8021B	GCVW/1900
H10070767003	MW-20	SW-846 5030	GCVW/1899	SW-846 8021B	GCVW/1900
H10070767004	MW-25	SW-846 5030	GCVW/1899	SW-846 8021B	GCVW/1900
H10070767002	MW-16	SW-846 8015B GRO Gas	GCVW/1901	SW-846 8015B GRO Gas	GCVW/1902
H10070767003	MW-20	SW-846 8015B GRO Gas	GCVW/1901	SW-846 8015B GRO Gas	GCVW/1902
H10070767004	MW-25	SW-846 8015B GRO Gas	GCVW/1901	SW-846 8015B GRO Gas	GCVW/1902
H10070767013	MW-13	SW-846 5030	GCVW/1905	SW-846 8021B	GCVW/1906
H10070767014	MW-19	SW-846 5030	GCVW/1905	SW-846 8021B	GCVW/1906
H10070767023	Trip Blank	SW-846 5030	GCVW/1905	SW-846 8021B	GCVW/1906
H10070767013	MW-13	SW-846 8015B GRO Gas	GCVW/1907	SW-846 8015B GRO Gas	GCVW/1908
H10070767014	MW-19	SW-846 8015B GRO Gas	GCVW/1907	SW-846 8015B GRO Gas	GCVW/1908
H10070767023	Trip Blank	SW-846 8015B GRO Gas	GCVW/1907	SW-846 8015B GRO Gas	GCVW/1908



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
H10070767015	MW-14	SW-846 5030	GCVW/1917	SW-846 8021B	GCVW/1918
H10070767018	SVE-10	SW-846 5030	GCVW/1917	SW-846 8021B	GCVW/1918
H10070767015	MW-14	SW-846 8015B GRO Gas	GCVW/1919	SW-846 8015B GRO Gas	GCVW/1920
H10070767018	SVE-10	SW-846 8015B GRO Gas	GCVW/1919	SW-846 8015B GRO Gas	GCVW/1920
H10070767006	MW-15	SW-846 8015B GRO Gas	GCVW/1921	SW-846 8015B GRO Gas	GCVW/1922
H10070767007	MW-4	SW-846 8015B GRO Gas	GCVW/1921	SW-846 8015B GRO Gas	GCVW/1922
H10070767008	MW-5	SW-846 8015B GRO Gas	GCVW/1921	SW-846 8015B GRO Gas	GCVW/1922
H10070767009	MW-26	SW-846 8015B GRO Gas	GCVW/1921	SW-846 8015B GRO Gas	GCVW/1922
H10070767010	MW-27	SW-846 8015B GRO Gas	GCVW/1921	SW-846 8015B GRO Gas	GCVW/1922
H10070767011	MW-23	SW-846 8015B GRO Gas	GCVW/1921	SW-846 8015B GRO Gas	GCVW/1922
H10070767012	MW-22	SW-846 8015B GRO Gas	GCVW/1921	SW-846 8015B GRO Gas	GCVW/1922
H10070767017	MW-12	SW-846 5030	GCVW/1923	SW-846 8021B	GCVW/1924
H10070767019	MW-11	SW-846 5030	GCVW/1923	SW-846 8021B	GCVW/1924
H10070767021	Dup #1	SW-846 5030	GCVW/1923	SW-846 8021B	GCVW/1924
H10070767024	Trip Blank #2	SW-846 5030	GCVW/1923	SW-846 8021B	GCVW/1924
H10070767005	MW-24	SW-846 5030	GCVW/1925	SW-846 8021B	GCVW/1926
H10070767017	MW-12	SW-846 8015B GRO Gas	GCVW/1927	SW-846 8015B GRO Gas	GCVW/1928
H10070767019	MW-11	SW-846 8015B GRO Gas	GCVW/1927	SW-846 8015B GRO Gas	GCVW/1928
H10070767021	Dup #1	SW-846 8015B GRO Gas	GCVW/1927	SW-846 8015B GRO Gas	GCVW/1928
H10070767001	MW-21	SW-846 5030	GCVW/1929	SW-846 8021B	GCVW/1930
H10070767006	MW-15	SW-846 5030	GCVW/1931	SW-846 8021B	GCVW/1932
H10070767007	MW-4	SW-846 5030	GCVW/1931	SW-846 8021B	GCVW/1932
H10070767008	MW-5	SW-846 5030	GCVW/1931	SW-846 8021B	GCVW/1932
H10070767009	MW-26	SW-846 5030	GCVW/1931	SW-846 8021B	GCVW/1932
H10070767010	MW-27	SW-846 5030	GCVW/1931	SW-846 8021B	GCVW/1932



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: H10070767 : East Hobbs Junction

Project Number: East Hobbs Junction /

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
H10070767011	MW-23	SW-846 5030	GCVW/1931	SW-846 8021B	GCVW/1932
H10070767012	MW-22	SW-846 5030	GCVW/1931	SW-846 8021B	GCVW/1932
H10070767016	MW-18	SW-846 8015B GRO Gas	GCVW/1935	SW-846 8015B GRO Gas	GCVW/1936
H10070767020	MW-6	SW-846 8015B GRO Gas	GCVW/1935	SW-846 8015B GRO Gas	GCVW/1936
H10070767022	Dup #2	SW-846 8015B GRO Gas	GCVW/1935	SW-846 8015B GRO Gas	GCVW/1936
H10070767005	MW-24	SW-846 8015B GRO Gas	GCVW/1936		
H10070767005	MW-24	SW-846 5030	GCVW/1937	SW-846 8021B	GCVW/1938
H10070767016	MW-18	SW-846 5030	GCVW/1937	SW-846 8021B	GCVW/1938
H10070767017	MW-12	SW-846 5030	GCVW/1937	SW-846 8021B	GCVW/1938
H10070767020	MW-6	SW-846 5030	GCVW/1937	SW-846 8021B	GCVW/1938
H10070767022	Dup #2	SW-846 5030	GCVW/1937	SW-846 8021B	GCVW/1938



Sample Receipt Checklist

WorkOrder:	H10070767	Received By	LOG
Date and Time	07/29/2010 09:00	Carrier Name:	FEDEXS
Temperature:	4.0/3.0/4.5°C	Chilled By:	Water Ice

Airbill - Temp: 871147038525-3.0C-60lb/871147038536-4.5C-50lb/871147038547-4.0C-52lb/

- | | |
|---|----------------|
| 1. Shipping container/cooler in good condition? | YES |
| 2. Custody seals intact on shipping container/cooler? | YES |
| 3. Custody seals intact on sample bottles? | Not Present |
| 4. Chain of custody present? | YES |
| 5. Chain of custody signed when relinquished and received? | YES |
| 6. Chain of custody agrees with sample labels?
Lab received a second Trip Blank not listed on the COC. | NO |
| 7. Samples in proper container/bottle? | YES |
| 8. Samples containers intact? | YES |
| 9. Sufficient sample volume for indicated test? | YES |
| 10. All samples received within holding time? | YES |
| 11. Container/Temp Blank temperature in compliance? | YES |
| 12. Water - VOA vials have zero headspace? | YES |
| 13. Water - Preservation checked upon receipt(except VOA*)? | Not Applicable |

*VOA Preservation Checked After Sample Analysis

SPL Representative:
 Client Name Contacted:
 Client Instructions:

Contact Date & Time:



Analysis Request & Chain of Custody Report

SPL, Inc.

Client Name: 7th Trk
 Address: 1910 N 13th Street State: TX Zip: 75205
 City: Malden
 Phone/Fax: (432) 682-4559
 Client Contact: Greg Ross Email: greg.ross@7thtrk.com
 Project Name/No.: 1st-6000000
 Site Name: East Habbs Junction
 Site Location: Habbs Jct
 Invoice To: Conoco Phillips

DATE: 7/27/10 TIME: 1313 comp: X grab: W
 DATE: 7/27/10 TIME: 1323 comp: X grab: W
 DATE: 7/27/10 TIME: 1343 comp: X grab: W
 DATE: 7/27/10 TIME: 1400 comp: X grab: W

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

Requested Analysis
 13TEX 6071
 GRC 8015
 DRO 8015
 Chloride 300.0

Client/Consultant Remarks: Laboratory remarks:
 Requested TAT: 1 Business Day Contract 2 Business Days Standard 3 Business Days Other
 Rush TAT requires prior notice

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

1. Rediquished by Sampler: Greg Ross date: 7/28/10 time: 1100
 2. Received by: VERNONA
 3. Rediquished by: Greg Ross date: 7/28/10 time: 1100
 4. Received by: VERNONA
 5. Relinquished by: Greg Ross date: 7/29/10 time: 9:00
 6. Received by Laboratory: VERNONA

Intact? Y N
 Ice? Y N
 Temp: 40.5 P/M review (initial): VERNONA

SPL Workorder No. H10070767
 289232
 page 2 of 2



SPL, Inc.
 Analysts Request & Chain of Custody Record

SPL Workorder No. **H10070767**
 289234
 page 3 of 7

Client Name: Fina Tech
 Address: 1910 N 13th Street State TX Zip 74705
 City: Midland
 Phone/Fax: (337) 482-4554
 Client Contact: Greg Pope Email: greg.pope@fina-tech.com
 Project Name/No.: 114-040600
 Site Name: East Hobbs Junction
 Site Location: Hobbs, NM
 Invoice To: Conoco Phillips P#: _____
 SAMPLE ID: _____ DATE: _____ TIME: _____ comp: _____ grab: _____

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
MW-4	7/27/10	1400		X	W	P	1L	X	1	
MW-5		1413				V	40	1	6	X
MW-26	7/28/10	0720				V	40	1	6	X
MW-27		0738				V	40	1	6	X

matrix: W=water S=soil O=oil A=air SL=sludge E=encore 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
 GRO 8015
 DRO 8015
 Chloride 300.0

Client/consultant Remarks: _____
 Laboratory remarks: _____

Requested TAT: 1 Business Day Contract 2 Business Days Standard 3 Business Days Other _____
 Rush TAT requires prior notice

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

1. Relinquished by Sampler: Sherry Threanock date: 7/28/10 time: 1100
 2. Received by: _____
 3. Requisitioned by: _____ date: _____ time: _____
 4. Received by: _____
 5. Relinquished by: _____ date: 7/28/10 time: 9:00
 6. Received by Laboratory: Sherry Threanock

Intact? Yes No
 Temp: 40.3
 PSM review (initials): SHY

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. A10070767
 289230
 page 4 of 7

Client Name: Terra Tech
 Address: 1416 N 13th Street State TX Zip 75705
 City Meadland
 Phone/Fax: (432) 682-4554 Email: gcs@terra-tech.com
 Client Contact: Greg Pope
 Project Name/No.: 194-4406UL
 Site Name: East Hobbs Junction
 Site Location: Hobbs, NM
 Invoice To: Conoco Phillips P.O. #
 SAMPLE ID DATE TIME comp grab matrix bottle size pres. Number of Containers Requested Analysis

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
MU-23	7/26/10	0755		X	W	A	40	1	2	X
MU-22		0812				V	40	1	2	X
MU-13		0822				V	40	1	2	X
MU-19		0830				V	40	1	2	X

Client/Consultant Remarks: Laboratory remarks: Intact? Y N
 Ice? X N
 Temp: 4.03 PM review (initial): 4.50

Requested TAT: 1 Business Day Contract 2 Business Days Standard 3 Business Days Other

Special Reporting Requirements Results: Fax Email PDF Standard QC Level 1 QC Level 4 QC TX TRRP LA RECAP

1. Relinquished by Sampler: JTS date 7/24/10 time 1100
 2. Received by: VIKRAM
 3. Relinquished by: JTS date 7/24/10 time 9:00
 4. Received by: VIKRAM

5. Relinquished by: JTS date 7/24/10 time 9:00
 Received by Laboratory: VIKRAM

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.
 H10070767

289239

page 5 of 7

Client Name: King, Tel
 Address: 1410 N Bay Springs State TX Zip 77058
 City: Midland
 Phone/Fax: (432) 682-4555
 Client Contact: Gary Pope Email: gary.pope@tntrial.com
 Project Name/No: 114-4100-0006
 Site Name: East Hubbs Junction
 Site Location: Hubbs, NM
 Invoice To: Conoco Phillips P#: _____

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
MW-19	7/26/10	0830		X	A	LD	1	Z		BTEX 8021 GRO 8015 PBC 8015 chloride 300.0
MW-14		0905			P	LD	1	Z		
MW-18		0920			P	LD	1	Z		
MW-12		0934			P	LD	1	Z		

Client/Consultant Remarks: _____
 Laboratory remarks: _____

Intact? Yes No
 Temp: 4.0 3.0 1.5
 PML rev# (initial): _____

Requested TAT
 1 Business Day Contract
 2 Business Days Standard
 3 Business Days
 Other _____
 Rush TAT requires prior notice

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

1. Relinquished by Sampler: Henry Trivierth date 7/26/10 time 11:00
 2. Received by: _____
 3. Relinquished by: _____ date _____ time _____
 4. Received by: _____
 5. Relinquished by: _____ date 7/26/10 time 9:00
 6. Received by Laboratory: [Signature]

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.
H10070767

2009228

page 6 of 7

Client Name: Tetra Tech
Address: 1510 N Big Spring State TX Zip: 75705
City: Middland Phone/Fax: (432) 682-4553
Client Contact: Gary Pope Email: gary.pope@tetra.tech.com
Project Name/No: 114-1400262
Site Name: East Hobbs Junction
Site Location: Hobbs, NM
Invoice To: Enviro P.L.L.P.S. Ph: _____

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
MU-12	7/28/10	0534		X	W	P	1G	X	1	
5VE-10		0550			W	V	40	1	6	X
					W	A	60	1	2	X
MU-11		1003			W	V	40	1	6	X
					W	A	60	1	2	X
MU-6		1020			W	V	40	1	6	X
					W	A	60	1	2	X

Legend: W=water S=soil O=oil A=air SL=sludge E=encore X=other
P=plastic A=amber glass G=glass V=vial X=other
1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other
1=HCl 2=HNO3 3=H2SO4 X=other

Client/Consultant Remarks: _____
Laboratory remarks: _____

Requested TAT: 1 Business Day Contract 2 Business Days Standard 3 Business Days Other _____
Rush TAT requires prior notice

Special Reporting Requirements Results: Fax Email PDF Special Detection Limits (specify): _____
Standard QC Level 3 QC Level 4 QC TX TRRP LA RRCAP

1. Relinquished by Sampler: Henry Fitzwater date: 7/28/10 time: 1100
2. Received by: _____
3. Relinquished by: _____ date: _____ time: _____
4. Received by: _____

Received by Laboratory: [Signature] date: 7/29/10 time: 9:00
Received by: [Signature]

Intact? Y N N
Temp: 40.3 PM review Initials: _____

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.
H10070767
289227

page 7 of 7

Client Name: Tetra Tech
Address: 1510 N Bis Spring State TX Zip 75705
City Millland
Phone/Fax: (432) 682-955-9
Client Contact: Gary Ross Email: gary.ross@tetra-tech.com
Project Name/No: 14-CUD0606
Site Name: East Hobbs Junction
Site Location: Hobbs RSM
Invoice To: Genex P/L/LLP Ph: _____

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis	
Dep #1	7/27/10	—		X	W	V	1L	1	6	X	BTEX 8021
						A	60	1	2	X	GRO 8015
						P	1	X	1		DRO 8015
						V	40	1	6	X	Chloride 300.0
Dep #2	7/28/10	—				V	40	1	2	X	
						A	60	1	2		
						P	1	X	1		
						V	40		2		
Tip Blank						V	40		2		

Client/Consultant Remarks: _____
Laboratory remarks: _____

Intact? **EX**
Ice? **JN**
Temp: 40.3
PM review (initial): SK

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

Requested TAT
 1 Business Day Contract
 2 Business Days Standard
 3 Business Days
 Other _____
 Rush TAT requires prior notice

1. Relinquished by Sampler: Anthony Tysworth date 7/26/10 time 1100
 2. Received by: _____
 3. Relinquished by: _____ date _____ time _____
 4. Received by: _____
 5. Relinquished by: _____ date 7/27/10 time 9:00
 6. Received by: Michelle Vanden

8880 Interchange Drive Houston, TX 77054 (713) 660-0901
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 459 Hughes Drive Traverse City MI 49686 (231) 947-5777



SPL, Inc.
Analysis Request & Chain of Custody Record

H10070767



289233

age 1 of 7

Requested Analysis

Client Name: Tetra Tech
 Address: 1910 N Big Springs State TX Zip 75120
 City Midland
 Phone/Fax: (432) 682-4559 Email: greg.pepe@tetra.tech.com
 Client Contact: Greg Pope
 Project Name/No.: 114-040606
 Site Name: East Hobbs Junction
 Site Location: Hobbs, NM
 Invoice To: Conoco Phillips Ph: _____
 SAMPLE ID DATE TIME comp grab matrix bottle size pres. Number of Containers
 MW-21 7/27/10 1225 X W V 40 1 2 X X
 MW-16 1238 P 16 1 1 X X
 MW-20 1300 V 40 1 2 X X
 MW-25 1313 P 16 1 1 X X
 Requested Analysis: BTEX 8021, G120 8015, D120 8015, chloride 300.0

Client/Consultant Remarks: _____
 Laboratory remarks: _____
 In fact? Y N
 Ice? Y N
 Temp: 4.0 F C
 PM review (initial): _____
 Requested TAT: 1 Business Day Contract Standard
 2 Business Days Standard
 3 Business Days
 Other _____
 Rush TAT requires prior notice
 Special Reporting Requirements Results: Fax Email PDF
 Standard QC Level 3 QC Level 4 QC TX TRRP LA RECAP
 1. Relinquished by Sampler: Johnny T. Swank date 7/28/10 time 11:00
 2. Received by: _____
 3. Relinquished by: _____ date _____ time _____
 4. Received by: _____
 5. Relinquished by: _____ date 7/29/10 time 9:00
 6. Received by Laboratory: Veronica

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Analysis Request & Chain of Custody Record

SPL, Inc.

SPL Workorder No. **F1100107167**

289232

page **2** of **7**

Requested Analysis

Client Name: **Tetra Tech**

Address: **1910 N 13th Spring**

City: **Middland** State: **TX** Zip: **75205-0100**

Phone/Fax: **(432) 682-4559**

Client Contact: **Greg Pope** Email: **greg.pope@tetratech.com**

Project Name/No.: **1141-6100606**

Site Name: **East Hobbs Junction**

Site Location: **Hobbs DM**

Invoice To: **Conoco Phillips** Ph: _____

SAMPLE ID

DATE

TIME

comp

grab

matrix bottle size pres.

W=water S=soil O=oil A=air SL=sludge E=encore X=other

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

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

1=HCl 2=HNO3 3=H2SO4 X=other

Number of Containers

13TEX 8021

GRO 8015

DRO 8015

Chloride 300.0

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
MW-25	7/27/10	1313		X	W	A	60	1	2	X
MW-24		1323			V	A	40	1	6	X
MW-15		1343			P	A	16	X	1	X
MW-4		1400			V	A	40	1	6	X

Client/Consultant Remarks: _____

Laboratory remarks: _____

Intact? Y N

Ice? Y N

Temp: **4.05** Y N

PM review (initial): **DN**

Requested TAT

- 1 Business Day Contract
 - 2 Business Days Standard
 - 3 Business Days
 - Other _____
- Rush TAT requires prior notice

Special Reporting Requirements Results: Fax Email PDF

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

1. Relinquished by Sampler: **Henry Thibault**

3. Relinquished by: _____

5. Relinquished by: _____

2. Received by: _____

4. Received by: _____

6. Received by Laboratory: _____

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Houston, TX 77054 (713) 660-0901

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SPL Workorder No.
H100707107

289231

Requested Analysis

matrix bottle size pres.

W=water S=soil O=oil A=air
SL=sludge E=encore X=other

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

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

1=HCl 2=HNO3
3=H2SO4 X=other

Number of Containers

BTEX 8021

GRO 8015

DRO 8015

Chloride 300.0

Client Name	Address	City	State	Zip	Phone	Ph:	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis	
Terra Tech	1410 N 13th Springs	Midland	TX	79705	79705		7/27/10	1400		X	W	P	1L	X	1		
MU-4												V	40	1	6	X	
MU-5								1413				A	60	1	2	X	
MU-26							7/28/10	0720				V	40	1	6	X	
MU-27								0738				V	40	1	6	X	

Client/Consultant Remarks: _____

Laboratory remarks: _____

Intact? Y N
Ice? Y N
Temp: 40.5 07/28/10
PM review (initial): _____

Requested TAT

1 Business Day Contract
 2 Business Days Standard
 3 Business Days
 Other _____

Rush TAT requires prior notice

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

1. Relinquished by Sampler: _____ date: 7/28/10 time: 1100
 2. Received by: _____

3. Relinquished by: _____ date: _____ time: _____
 4. Received by: _____

5. Relinquished by: _____ date: 7/29/10 time: 9:00
 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



Analysis Request & Chain of Custody Record

SPL, Inc.

SPL Workorder No. **AD0707167**

289230

page 4 of 7

Requested Analysis

Client Name: **Tetra Tech**

Address: **1410 N 131st Street**

City: **Midland** State: **TX** Zip: **79701**

Phone/Fax: **(432) 482-4554**

Client Contact: **Gary Pope** Email: **gary.pope@tetra-tech.com**

Project Name/No.: **114-440016**

Site Name: **East Hobbs Junction**

Site Location: **Hobbs, NM**

Invoice To: **Conoco Phillips**

Ph: **SAMPLE ID**

DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
7/28/10	0755		X	W	V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V	40	1	6	X
					A	60	1	2	X
					P	16	X	1	X
					V</				



SPL, Inc.
Analysis Request & Chain of Custody Record

SPL Workorder No. **HTD0707167**
289239

page 5 of 7

Client Name: Tetra Tech

Address: 1410 N Big Springs

City: Midland State: TX Zip: 79701

Phone/Fax: (432) 682-4559

Client Contact: Greg Pope Email: greg.pope@tetra.tech.com

Project Name/No.: 114-4400000

Site Name: East Hobbs Junction

Site Location: Hobbs, NM

Invoice To: Grece Phillips Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
MU-14	7/28/10	0830		X	W	P	1L	1	2	BTEX 8021 GRO 8015 PRO 8015 chloride 300.0
MU-14		0905			W	V	40	1	4	
MU-18		0920			W	V	40	1	4	
MU-12		0934			W	V	40	1	4	

Client/Consultant Remarks: _____ Laboratory remarks: _____

Intact? Y N
Ice? Y N
Temp: 4.0 3.0 1.5
PM review (initial): _____

Requested TAT

- 1 Business Day Contract
- 2 Business Days Standard
- 3 Business Days
- Other _____

Special Reporting Requirements Results:

- Standard QC Level 3 QC Level 4 QC TX TRRP IA RECAP
- 1. Relinquished by Sampler: Henry Thsworth date: 7/28/10 time: 11:00
- 3. Relinquished by: _____ date: _____ time: _____
- 5. Relinquished by: _____ date: 7/29/10 time: 9:00

Special Detection Limits (specify):

- 2. Received by: _____
- 4. Received by: _____
- 6. Received by Laboratory: _____

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



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8880 Interchange Drive
Houston, TX 77054
Phone: (713) 660-0901
Fax: (713) 660-8975

Certificate of Analysis

November 11, 2010

Workorder: H10100680

Greg W Pope, PG
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Project: East Hobbs Junction

Project Number: EHJ / 114-6400709

Site: East Hobbs Junction, Hobbs, NM

PO Number: 4511063196

NELAC Cert. No.: T104704205-09-3

This Report Contains A Total Of 40 Pages

Excluding Any Attachments



Certificate of Analysis

November 11, 2010

Workorder: H10100680

Greg W Pope, PG
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Project: East Hobbs Junction
Project Number: EHJ / 114-6400709
Site: East Hobbs Junction, Hobbs, NM
PO Number: 4511063196
NELAC Cert. No.: T104704205-09-3

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II: ANALYSES AND EXCEPTIONS:

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.

8015 - Diesel Range Organics analysis:

Due to limited sample volume, a Matrix Spike (MS) or Matrix Spike Duplicate (MSD) was not analyzed with Batch ID: EXTO/2440. 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.

III. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis, unless dry-weight correction is denoted in the units field on the analytical report (" mg/kg-dry " or " ug/kg-dry ").

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.

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).



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Houston, TX 77054
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Certificate of Analysis

November 11, 2010

Workorder: H10100680

Greg W Pope, PG
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Project: East Hobbs Junction
Project Number: EHJ / 114-6400709
Site: East Hobbs Junction, Hobbs, NM
PO Number: 4511063196
NELAC Cert. No.: T104704205-09-3

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.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or by his designee, as verified by the following signature.

Erica Cardenas, Senior Project Manager

Enclosures



SAMPLE SUMMARY

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID	Sample ID	Matrix	COC ID	Date/Time Collected	Date/Time Received
H10100680001	MW-21	Water		10/26/2010 12:25	10/28/2010 09:28
H10100680002	MW-16	Water		10/26/2010 12:40	10/28/2010 09:28
H10100680003	MW-20	Water		10/26/2010 12:55	10/28/2010 09:28
H10100680004	MW-25	Water		10/26/2010 13:10	10/28/2010 09:28
H10100680005	MW-24	Water		10/26/2010 13:20	10/28/2010 09:28
H10100680006	DUP	Water		10/26/2010 00:00	10/28/2010 09:28
H10100680007	MW-15	Water		10/26/2010 13:55	10/28/2010 09:28
H10100680008	MW-4	Water		10/26/2010 14:05	10/28/2010 09:28
H10100680009	MW-5	Water		10/26/2010 14:15	10/28/2010 09:28
H10100680010	Trip Blank	Water		10/26/2010 00:00	10/28/2010 09:28



ANALYTICAL RESULTS

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID: H10100680001

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-21

Date/Time Collected: 10/26/2010 12:25

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						Batch Information	
		Batch: 2251 SW-846 8021B on 11/04/2010 06:54 by NNM						Prep	Analysis
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis	
	ug/l								
Benzene	ND		1.0	0.32	1			2251	
Ethylbenzene	ND		1.0	0.22	1			2251	
Toluene	ND		1.0	0.19	1			2251	
m,p-Xylene	ND		1.0	0.29	1			2251	
o-Xylene	ND		1.0	0.21	1			2251	
Xylenes, Total	ND		1.0	0.21	1			2251	
1,4-Difluorobenzene (S)	96.9 %		70-130		1			2251	
4-Bromofluorobenzene (S)	101 %		70-130		1			2251	
Preservation pH	<2				1			2251	

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						Batch Information	
		Batch: 2245 SW-846 8015B GRO Gas on 11/04/2010 06:54 by NNM						Prep	Analysis
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis	
	mg/l								
Gasoline Range Organics	ND		0.10	0.017	1			2245	
1,4-Difluorobenzene (S)	102 %		60-155		1			2245	
4-Bromofluorobenzene (S)	104 %		50-158		1			2245	

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI		Preparation Batches:						Batch Information	
		Batch: 2440 SW-846 8015B DRO LVI on 11/02/2010 16:08 by A.G						Prep	Analysis
		Analytical Batches:						Prep	Analysis
		Batch: 2136 SW-846 8015B DRO LVI on 11/04/2010 11:07 by NDW						Prep	Analysis
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis	
	mg/l								
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2440	2136	
n-Pentacosane (S)	93.2 %		10-185		1		2440	2136	

WET CHEMISTRY



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8880 Interchange Drive
Houston, TX 77054
Phone: (713) 660-0901
Fax: (713) 660-8975

ANALYTICAL RESULTS

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID: H10100680001

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-21

Date/Time Collected: 10/26/2010 12:25

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1538 EPA 300.0 on 11/08/2010 13:35 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	944		50.0	12.6	100		1538



ANALYTICAL RESULTS

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID: H10100680002

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-16

Date/Time Collected: 10/26/2010 12:40

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2251 SW-846 8021B on 11/04/2010 07:21 by NNM

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	ug/l	Qual					Prep	Analysis
Benzene	ND		1.0	0.32	1			2251
Ethylbenzene	ND		1.0	0.22	1			2251
Toluene	ND		1.0	0.19	1			2251
m,p-Xylene	ND		1.0	0.29	1			2251
o-Xylene	ND		1.0	0.21	1			2251
Xylenes, Total	ND		1.0	0.21	1			2251
1,4-Difluorobenzene (S)	96.7 %		70-130		1			2251
4-Bromofluorobenzene (S)	101 %		70-130		1			2251
Preservation pH	<2				1			2251

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2245 SW-846 8015B GRO Gas on 11/04/2010 07:21 by NNM

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Gasoline Range Organics	ND		0.10	0.017	1			2245
1,4-Difluorobenzene (S)	102 %		60-155		1			2245
4-Bromofluorobenzene (S)	106 %		50-158		1			2245

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI Preparation Batches:
 Batch: 2440 SW-846 8015B DRO LVI on 11/02/2010 16:08 by A_G
 Analytical Batches:
 Batch: 2136 SW-846 8015B DRO LVI on 11/04/2010 11:56 by NDW

Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2440	2136
n-Pentacosane (S)	101 %		10-185		1		2440	2136

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ANALYTICAL RESULTS

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID: H10100680002

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-16

Date/Time Collected: 10/26/2010 12:40

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1538 EPA 300.0 on 11/08/2010 13:52 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	134		5.00	1.26	10		1538



ANALYTICAL RESULTS

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID: H10100680003

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-20

Date/Time Collected: 10/26/2010 12:55

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2251 SW-846 8021B on 11/04/2010 07:49 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		2251
Ethylbenzene	ND		1.0	0.22	1		2251
Toluene	ND		1.0	0.19	1		2251
m,p-Xylene	ND		1.0	0.29	1		2251
o-Xylene	ND		1.0	0.21	1		2251
Xylenes, Total	ND		1.0	0.21	1		2251
1,4-Difluorobenzene (S)	96.9 %		70-130		1		2251
4-Bromofluorobenzene (S)	101 %		70-130		1		2251
Preservation pH	<2				1		2251

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2245 SW-846 8015B GRO Gas on 11/04/2010 07:49 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND		0.10	0.017	1		2245
1,4-Difluorobenzene (S)	102 %		60-155		1		2245
4-Bromofluorobenzene (S)	105 %		50-158		1		2245

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI Preparation Batches:
 Batch: 2440 SW-846 8015B DRO LVI on 11/02/2010 16:08 by A_G
 Analytical Batches:
 Batch: 2136 SW-846 8015B DRO LVI on 11/04/2010 12:44 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2440 2136
n-Pentacosane (S)	101 %		10-185		1		2440 2136

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ANALYTICAL RESULTS

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID: H10100680003

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-20

Date/Time Collected: 10/26/2010 12:55

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1538 EPA 300.0 on 11/08/2010 14:06 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	130		5.00	1.26	10		1538



ANALYTICAL RESULTS

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID: H10100680004

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-25

Date/Time Collected: 10/26/2010 13:10

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2251 SW-846 8021B on 11/04/2010 08:18 by NNM

Parameters	Results				DF	RegLmt	Batch Information	
	ug/l	Qual	Report Limit	MDL			Prep	Analysis
Benzene	ND		1.0	0.32	1			2251
Ethylbenzene	ND		1.0	0.22	1			2251
Toluene	ND		1.0	0.19	1			2251
m,p-Xylene	ND		1.0	0.29	1			2251
o-Xylene	ND		1.0	0.21	1			2251
Xylenes, Total	ND		1.0	0.21	1			2251
1,4-Difluorobenzene (S)	96.8 %		70-130		1			2251
4-Bromofluorobenzene (S)	99.1 %		70-130		1			2251
Preservation pH	<2				1			2251

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2245 SW-846 8015B GRO Gas on 11/04/2010 08:18 by NNM

Parameters	Results				DF	RegLmt	Batch Information	
	mg/l	Qual	Report Limit	MDL			Prep	Analysis
Gasoline Range Organics	ND		0.10	0.017	1			2245
1,4-Difluorobenzene (S)	102 %		60-155		1			2245
4-Bromofluorobenzene (S)	104 %		50-158		1			2245

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI Preparation: Batches:
 Batch: 2440 SW-846 8015B DRO LVI on 11/02/2010 16:08 by A_G
 Analytical Batches:
 Batch: 2136 SW-846 8015B DRO LVI on 11/04/2010 13:33 by NDW

Parameters	Results				DF	RegLmt	Batch Information	
	mg/l	Qual	Report Limit	MDL			Prep	Analysis
Diesel Range Organics(C10-C28)	0.11		0.050	0.012	1		2440	2136
n-Pentacosane (S)	117 %		10-185		1		2440	2136

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ANALYTICAL RESULTS

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID: H10100680004

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-25

Date/Time Collected: 10/26/2010 13:10

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1538 EPA 300.0 on 11/08/2010 14:22 by:ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	118		5.00	1.26	10		1538



ANALYTICAL RESULTS

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID: H10100680005

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-24

Date/Time Collected: 10/26/2010 13:20

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2251 SW-846 8021B on 11/04/2010 08:45 by NNM

Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt	Batch Information	
	ug/l						Prep	Analysis
Benzene	2.0		1.0	0.32	1			2251
Ethylbenzene	3.7		1.0	0.22	1			2251
Toluene	ND		1.0	0.19	1			2251
Total BTEX	5.7		1.0	0.19	1			2251
m,p-Xylene	ND		1.0	0.29	1			2251
o-Xylene	ND		1.0	0.21	1			2251
Xylenes, Total	ND		1.0	0.21	1			2251
1,4-Difluorobenzene (S)	100 %		70-130		1			2251
4-Bromofluorobenzene (S)	101 %		70-130		1			2251
Preservation pH	<2				1			2251

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2245 SW-846 8015B GRO Gas on 11/04/2010 08:45 by NNM

Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l						Prep	Analysis
Gasoline Range Organics	0.22		0.10	0.017	1			2245
1,4-Difluorobenzene (S)	112 %		60-155		1			2245
4-Bromofluorobenzene (S)	106 %		50-158		1			2245

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI Preparation Batches:
 Batch: 2440 SW-846 8015B DRO LVI on 11/02/2010 16:08 by A_G
 Analytical Batches:
 Batch: 2136 SW-846 8015B DRO LVI on 11/04/2010 14:20 by NDW

Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l						Prep	Analysis
Diesel Range Organics(C10-C28)	0.20		0.050	0.012	1		2440	2136
n-Pentacosane (S)	89.4 %		10-185		1		2440	2136

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ANALYTICAL RESULTS

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID: H10100680005

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-24

Date/Time Collected: 10/26/2010 13:20

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1538 EPA 300.0 on 11/08/2010 14:37 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	Reg Limit	Prep Analysis
Chloride	221		10.0	2.52	20		1538



ANALYTICAL RESULTS

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID: H10100680006

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: DUP

Date/Time Collected: 10/26/2010 00:00

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2251 SW-846 8021B on 11/04/2010 09:13 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	2.3		1.0	0.32	1		2251
Ethylbenzene	4.7		1.0	0.22	1		2251
Toluene	ND		1.0	0.19	1		2251
Total BTEX	7		1.0	0.19	1		2251
m,p-Xylene	ND		1.0	0.29	1		2251
o-Xylene	ND		1.0	0.21	1		2251
Xylenes, Total	ND		1.0	0.21	1		2251
1,4-Difluorobenzene (S)	99.7 %		70-130		1		2251
4-Bromofluorobenzene (S)	102 %		70-130		1		2251
Preservation pH	<2				1		2251

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2245 SW-846 8015B GRO Gas on 11/04/2010 09:13 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	0.21		0.10	0.017	1		2245
1,4-Difluorobenzene (S)	110 %		60-155		1		2245
4-Bromofluorobenzene (S)	106 %		50-158		1		2245

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI Preparation Batches:
 Batch: 2440 SW-846 8015B DRO LVI on 11/02/2010 16:08 by A_G
 Analytical Batches:
 Batch: 2136 SW-846 8015B DRO LVI on 11/04/2010 15:07 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.24		0.050	0.012	1		2440 2136
n-Pentacosane (S)	103 %		10-185		1		2440 2136

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ANALYTICAL RESULTS

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID: H10100680006

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: DUP

Date/Time Collected: 10/26/2010 00:00

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	214		10.0	2.52	20		1538



ANALYTICAL RESULTS

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID: H10100680007

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-15

Date/Time Collected: 10/26/2010 13:55

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2255 SW-846 8021B on 11/04/2010 22:11 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		2255
Ethylbenzene	ND		1.0	0.22	1		2255
Toluene	ND		1.0	0.19	1		2255
m,p-Xylene	ND		1.0	0.29	1		2255
o-Xylene	ND		1.0	0.21	1		2255
Xylenes, Total	ND		1.0	0.21	1		2255
1,4-Difluorobenzene (S)	96.8 %		70-130		1		2255
4-Bromofluorobenzene (S)	96.4 %		70-130		1		2255
Preservation pH	<2				1		2255

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2253 SW-846 8015B GRO Gas on 11/04/2010 22:11 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND		0.10	0.017	1		2253
1,4-Difluorobenzene (S)	101 %		60-155		1		2253
4-Bromofluorobenzene (S)	102 %		50-158		1		2253

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI Preparation Batches:
 Batch: 2440 SW-846 8015B DRO LVI on 11/02/2010 16:08 by A_G
 Analytical Batches:
 Batch: 2136 SW-846 8015B DRO LVI on 11/04/2010 15:53 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.48		0.050	0.012	1		2440 2136
n-Pentacosane (S)	106 %		10-185		1		2440 2136

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ANALYTICAL RESULTS

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID: H10100680007

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-15

Date/Time Collected: 10/26/2010 13:55

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1538 EPA 300.0 on 11/08/2010 15:09 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	183		10.0	2.52	20		1538



ANALYTICAL RESULTS

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID: H10100680008

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-4

Date/Time Collected: 10/26/2010 14:05

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						Batch Information	
		Batch: 2255 SW-846 8021B on 11/04/2010 23:33 by NNM						Prep	Analysis
Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information		
	ug/l	Qual					Prep	Analysis	
Benzene	ND		1.0	0.32	1		2255		
Ethylbenzene	ND		1.0	0.22	1		2255		
Toluene	ND		1.0	0.19	1		2255		
m,p-Xylene	ND		1.0	0.29	1		2255		
o-Xylene	ND		1.0	0.21	1		2255		
Xylenes, Total	ND		1.0	0.21	1		2255		
1,4-Difluorobenzene (S)	96.1 %		70-130		1		2255		
4-Bromofluorobenzene (S)	96.4 %		70-130		1		2255		
Preservation pH	<2				1		2255		

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						Batch Information	
		Batch: 2253 SW-846 8015B GRO Gas on 11/04/2010 23:33 by NNM						Prep	Analysis
Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information		
	mg/l	Qual					Prep	Analysis	
Gasoline Range Organics	ND		0.10	0.017	1		2253		
1,4-Difluorobenzene (S)	102 %		60-155		1		2253		
4-Bromofluorobenzene (S)	100 %		50-158		1		2253		

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI		Preparation Batches:						Batch Information	
		Batch: 2440 SW-846 8015B DRO LVI on 11/02/2010 16:00 by A G						Prep	Analysis
		Analytical Batches:						Prep	Analysis
		Batch: 2136 SW-846 8015B DRO LVI on 11/04/2010 06:05 by NDW						Prep	Analysis
Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information		
	mg/l	Qual					Prep	Analysis	
Diesel Range Organics (C10-C28)	ND		0.050	0.012	1		2440	2136	
n-Pentacosane (S)	104 %		10-185		1		2440	2136	

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ANALYTICAL RESULTS

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID: H10100680008

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-4

Date/Time Collected: 10/26/2010 14:05

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1538 EPA 300.0 on 11/08/2010 15:25 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	61.9		5.00	1.26	10		1538



ANALYTICAL RESULTS

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID: H10100680009

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-5

Date/Time Collected: 10/26/2010 14:15

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2255 SW-846 8021B on 11/05/2010 00:57 by NNM DF = 1
 Batch: 2267 SW-846 8021B on 11/09/2010 09:25 by JWS DF = 1

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		2255
Ethylbenzene	ND		1.0	0.22	1		2255
Toluene	ND		1.0	0.19	1		2255
Total BTEX	4.2		1.0	0.19	1		2267
m,p-Xylene	2.1		1.0	0.29	1		2267
o-Xylene	2.1		1.0	0.21	1		2255
Xylenes, Total	4.2		1.0	0.21	1		2267
1,4-Difluorobenzene (S)	98 %		70-130		1		2255
1,4-Difluorobenzene (S)	100 %		70-130		1		2267
4-Bromofluorobenzene (S)	89.3 %		70-130		1		2267
4-Bromofluorobenzene (S)	101 %		70-130		1		2255
Preservation pH	<2				1		2255
Preservation pH	<2				1		2267

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2253 SW-846 8015B GRO Gas on 11/05/2010 00:57 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND		0.10	0.017	1		2253
1,4-Difluorobenzene (S)	102 %		60-155		1		2253
4-Bromofluorobenzene (S)	102 %		50-158		1		2253

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI Preparation Batches:
 Batch: 2440 SW-846 8015B DRO LVI on 11/02/2010 16:09 by A.G
 Analytical Batches:
 Batch: 2136 SW-846 8015B DRO LVI on 11/04/2010 06:40 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2440 2136
n-Pentacosane (S)	107 %		10-185		1		2440 2136



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ANALYTICAL RESULTS

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID: H10100680009

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-5

Date/Time Collected: 10/26/2010 14:15

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Parameters	Analytical Batches						Batch Information	
	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Chloride	67.2		5.00	1.26	10			1538



ANALYTICAL RESULTS

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID: H10100680010

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: Trip Blank

Date/Time Collected: 10/26/2010 00:00

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 2251 SW-846 8021B on: 11/04/2010 06:26 by: NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		2251
Ethylbenzene	ND		1.0	0.22	1		2251
Toluene	ND		1.0	0.19	1		2251
m,p-Xylene	ND		1.0	0.29	1		2251
o-Xylene	ND		1.0	0.21	1		2251
Xylenes, Total	ND		1.0	0.21	1		2251
1,4-Difluorobenzene (S)	96.7 %		70-130		1		2251
4-Bromofluorobenzene (S)	101 %		70-130		1		2251
Preservation pH	<2				1		2251



QUALITY CONTROL DATA

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

QC Batch: GCVW/2244 Analysis Method: SW-846 8015B GRO Gas
 QC Batch Method: SW-846 5030 Preparation: 11/03/2010 00:00 by GCV
 Associated Lab Samples: H10100680001 H10100680002 H10100680003 H10100680004 H10100680005 H10100680006

METHOD BLANK: 80409

Analysis Date/Time Analyst: 11/04/2010 05:01 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Gasoline Range Organics	mg/l	ND		0.10
4-Bromofluorobenzene (S)	%	106		50-158
1,4-Difluorobenzene (S)	%	102		60-155

LABORATORY CONTROL SAMPLE: 80410

Analysis Date/Time Analyst: 11/04/2010 05:30 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Gasoline Range Organics	mg/l	1.0	0.86	86.0	70-130
4-Bromofluorobenzene (S)	%			107	50-158
1,4-Difluorobenzene (S)	%			106	60-155

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:80411 80412 Original: H10100680001

MS Analysis Date/Time Analyst: 11/04/2010 11:15 NNM

MSD Analysis Date/Time Analyst: 11/04/2010 11:43 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Gasoline Range Organics	mg/l	ND	1.0	0.932	0.929	93.2	92.9	36-160	0.3	36
4-Bromofluorobenzene (S)	%	104				108	108	50-158		
1,4-Difluorobenzene (S)	%	102				110	110	60-155		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

QC Batch: GCVW/2250 Analysis Method: SW-846 8021B
 QC Batch Method: SW-846 5030 Preparation: 11/03/2010 00:00 by GCV
 Associated Lab Samples: H10100680001 H10100680002 H10100680003 H10100680004 H10100680005 H10100680006
 H10100680010

METHOD BLANK: 80464

Analysis Date/Time Analyst: 11/04/2010 05:01 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Benzene	ug/l	ND		1.0
Ethylbenzene	ug/l	ND		1.0
Toluene	ug/l	ND		1.0
m,p-Xylene	ug/l	ND		1.0
o-Xylene	ug/l	ND		1.0
Total BTEX	ug/l	ND		1.0
Xylenes, Total	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	96.7		70-130
4-Bromofluorobenzene (S)	%	101		70-130

LABORATORY CONTROL SAMPLE: 80465

Analysis Date/Time Analyst: 11/04/2010 05:57 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Benzene	ug/l	20	20.4	102	70-130
Ethylbenzene	ug/l	20	19.8	99.1	70-130
Toluene	ug/l	20	20.0	99.9	70-130
m,p-Xylene	ug/l	40	38.6	96.6	70-130
o-Xylene	ug/l	20	19.2	95.9	70-130
Total BTEX	ug/l	120	60.2	50.2 *	70-130
Xylenes, Total	ug/l	60	57.8	96.4	70-130
1,4-Difluorobenzene (S)	%			96.2	70-130
4-Bromofluorobenzene (S)	%			101	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:80466 80467 Original: H10100680002

MS Analysis Date/Time Analyst: 11/04/2010 12:10 NNM

MSD Analysis Date/Time Analyst: 11/04/2010 12:38 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Benzene	ug/l	ND	20	21.0	20.8	105	104	66-141	0.9	31
Ethylbenzene	ug/l	ND	20	20.8	20.7	104	103	52-136	0.6	28
Toluene	ug/l	ND	20	20.9	20.6	104	103	61-131	1.7	25

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:80466 80467 Original: H10100680002

MS Analysis Date/Time Analyst: 11/04/2010 12:10 NNM

MSD Analysis Date/Time Analyst: 11/04/2010 12:38 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
m,p-Xylene	ug/l	ND	40	40.5	40.2	101	100	60-130	0.8	36
o-Xylene	ug/l	ND	20	19.8	19.7	98.9	98.5	64-130	0.4	30
Total BTEX	ug/l	ND	120	62.7	62.0	52.3	51.7 *	52-141	1.1	36
Xylenes, Total	ug/l	ND	60	60.3	59.9	100	99.8	60-130	0.7	36
1,4-Difluorobenzene (S)	%	96.7				97.2	97.0	70-130		
4-Bromofluorobenzene (S)	%	101				101	99.8	70-130		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10100680 : East-Hobbs Junction

Project Number: EHJ / 114-6400709

QC Batch: GCVW/2252 Analysis Method: SW-846 8015B GRO Gas
 QC Batch Method: SW-846 5030 Preparation: 11/04/2010 00:00 by GCV
 Associated Lab Samples: H10100680007 H10100680008 H10100680009

METHOD BLANK: 80481

Analysis Date/Time Analyst: 11/04/2010 20:48 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Gasoline Range Organics	mg/l	ND		0.10
4-Bromofluorobenzene (S)	%	99.4		50-158
1,4-Difluorobenzene (S)	%	101		60-155

LABORATORY CONTROL SAMPLE: 80482

Analysis Date/Time Analyst: 11/04/2010 21:15 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Gasoline Range Organics	mg/l	1.0	0.904	90.4	70-130
4-Bromofluorobenzene (S)	%			105	50-158
1,4-Difluorobenzene (S)	%			109	60-155

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:80483 80484 Original: H10100680007

MS Analysis Date/Time Analyst: 11/04/2010 22:38 NNM

MSD Analysis Date/Time Analyst: 11/04/2010 23:06 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Gasoline Range Organics	mg/l	ND	1.0	0.815	0.82	81.4	81.9	36-160	0.6	36
4-Bromofluorobenzene (S)	%	102				104	108	50-158		
1,4-Difluorobenzene (S)	%	101				107	109	60-155		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

QC Batch: GCWW/2254 Analysis Method: SW-846 8021B
 QC Batch Method: SW-846 5030 Preparation: 11/04/2010 00:00 by GCV
 Associated Lab Samples: H10100680007 H10100680008 H10100680009

METHOD BLANK: 80505

Analysis Date/Time Analyst: 11/04/2010 20:48 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Benzene	ug/l	ND		1.0
Ethylbenzene	ug/l	ND		1.0
Toluene	ug/l	ND		1.0
m,p-Xylene	ug/l	ND		1.0
o-Xylene	ug/l	ND		1.0
Xylenes, Total	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	96.1		70-130
4-Bromofluorobenzene (S)	%	95		70-130

LABORATORY CONTROL SAMPLE: 80506

Analysis Date/Time Analyst: 11/04/2010 21:43 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Benzene	ug/l	20	21.2	106	70-130
Ethylbenzene	ug/l	20	20.9	105	70-130
Toluene	ug/l	20	21.1	106	70-130
m,p-Xylene	ug/l	40	41.0	102	70-130
o-Xylene	ug/l	20	20.1	100	70-130
Xylenes, Total	ug/l	60	61.0	102	70-130
1,4-Difluorobenzene (S)	%			96.8	70-130
4-Bromofluorobenzene (S)	%			97.8	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:80509 80510 Original: H10100680008

MS Analysis Date/Time Analyst: 11/05/2010 00:01 NNM

MSD Analysis Date/Time Analyst: 11/05/2010 00:29 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Benzene	ug/l	ND	20	20.6	20.3	103	101	66-141	1.2	31
Ethylbenzene	ug/l	ND	20	20.3	20.3	101	102	52-136	0.0	28
Toluene	ug/l	ND	20	20.5	20.2	102	101	61-131	1.1	25
m,p-Xylene	ug/l	ND	40	39.4	39.4	98.5	98.6	60-130	0.1	36
o-Xylene	ug/l	ND	20	19.4	19.3	96.8	96.4	64-130	0.3	30
Xylenes, Total	ug/l	ND	60	58.8	58.7	97.9	97.9	60-130	0.1	36

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:80509 80510 Original: H10100680008

MS Analysis Date/Time Analyst: 11/05/2010 00:01 NNM

MSD Analysis Date/Time Analyst: 11/05/2010 00:29 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
1,4-Difluorobenzene (S)	%	96.1				96.9	95.7	70-130		
4-Bromofluorobenzene (S)	%	96.4				99.9	98.2	70-130		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

QC Batch: GCVV/2266 Analysis Method: SW-846 8021B
 QC Batch Method: SW-846 5030 Preparation: 11/09/2010 00:00 by GCV
 Associated Lab Samples: H10100680009

METHOD BLANK: 80950

Analysis Date/Time Analyst: 11/09/2010 08:03 JWS

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
m,p-Xylene	ug/l	ND		1.0
Total BTEX	ug/l	ND		1.0
Xylenes, Total	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	98.2		70-130
4-Bromofluorobenzene (S)	%	89.3		70-130

LABORATORY CONTROL SAMPLE: 80951

Analysis Date/Time Analyst: 11/09/2010 08:57 JWS

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
m,p-Xylene	ug/l	40	36.0	90.1	70-130
Total BTEX	ug/l	120	54.8	45.7 *	70-130
Xylenes, Total	ug/l	60	53.4	88.9	70-130
1,4-Difluorobenzene (S)	%			98.0	70-130
4-Bromofluorobenzene (S)	%			88.7	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:80957 80958 Original: H10100681013

MS Analysis Date/Time Analyst: 11/09/2010 11:49 JWS

MSD Analysis Date/Time Analyst: 11/09/2010 12:17 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
m,p-Xylene	ug/l	16	40	49.5	46.6	84.0	76.7	60-130	6.1	36
Total BTEX	ug/l	180	120	185	174	4.4 *	0 *	52-141	200	36
Xylenes, Total	ug/l	22.2	60	73.4	69.2	85.3	78.4	60-130	5.8	36
1,4-Difluorobenzene (S)	%	ND				113	112	70-130		
4-Bromofluorobenzene (S)	%	ND				90.4	90.3	70-130		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

QC Batch: EXTO/2440 Analysis Method: SW-846 8015B DRO LVI
 QC Batch Method: SW-846 8015B DRO LVI Preparation: 11/02/2010 15:59 by A_G
 Associated Lab Samples: H10100680001 H10100680002 H10100680003 H10100680004 H10100680005 H10100680006
 H10100680007 H10100680008 H10100680009

METHOD BLANK: 79760

Analysis Date/Time Analyst: 11/04/2010 08:25 NDW

Parameter	Units	Blank Result *Qualifiers	Reporting Limit
Diesel Range Organics(C10-C28)	mg/l	ND	0.050
n-Pentacosane (S)	%	124	10-185

LABORATORY CONTROL SAMPLE & LCSD: 79761 79762

LCS Analysis Date/Time Analyst: 11/04/2010 09:00 NDW

LCSD Analysis Date/Time 11/04/2010 10:17 NDW

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD
Diesel Range Organics(C10-C28)	mg/l	2	2.45	2.89	122	144	21-175	16.4	43
n-Pentacosane (S)	%				144	161	10-185		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

QC Batch: IC/1538 Analysis Method: EPA 300.0
 QC Batch Method: EPA 300.0

Associated Lab Samples: H10100680001 H10100680002 H10100680003 H10100680004 H10100680005 H10100680006
 H10100680007 H10100680008 H10100680009

METHOD BLANK: 80837

Analysis Date/Time Analyst: 11/08/2010 12:28 ESK

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Chloride	mg/l	ND		0.500

LABORATORY CONTROL SAMPLE: 80838

Analysis Date/Time Analyst: 11/08/2010 12:44 ESK

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Chloride	mg/l	10	9.122	91.2	85-115

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:80841 80842 Original: H10100681002

MS Analysis Date/Time Analyst: 11/08/2010 17:34 ESK

MSD Analysis Date/Time Analyst: 11/08/2010 17:50 ESK

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Chloride	mg/l	124	100	225.2	235.2	101	111	80-120	4.3	20

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



Legend

(S) - Indicates analyte is a surrogate

Qualifier	Qualifier Description
*	Recovery/RPD value outside QC limits
+	DCS Concentration
B	Analyte detected in the Method Blank
C	MTBE results were not confirmed by GCMS
D	Recovery out of range due to dilution
E	Results exceed calibration range
H	Exceeds holding time
I	Estimated value, between MDL and PQL (Florida)
J	Estimated value
JN	The analysis indicates the presence of an analyte
MI	Matrix Interference
N	Recovery outside of control limits
NC	Not Calculable (Sample Duplicate)
NC	Not Calculated - Sample concentration > 4 times the spike
ND	Not Detected at reporting Limits
P	Pesticide dual column results, greater than 25%
Q	Received past holding time
TNTC	Too numerous to count
U	Not Detected at reporting Limits



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
H10100680001	MW-21	SW-846 8015B DRO LVI	EXTO/2440	SW-846 8015B DRO LVI	GCSV/2136
H10100680002	MW-16	SW-846 8015B DRO LVI	EXTO/2440	SW-846 8015B DRO LVI	GCSV/2136
H10100680003	MW-20	SW-846 8015B DRO LVI	EXTO/2440	SW-846 8015B DRO LVI	GCSV/2136
H10100680004	MW-25	SW-846 8015B DRO LVI	EXTO/2440	SW-846 8015B DRO LVI	GCSV/2136
H10100680005	MW-24	SW-846 8015B DRO LVI	EXTO/2440	SW-846 8015B DRO LVI	GCSV/2136
H10100680006	DUP	SW-846 8015B DRO LVI	EXTO/2440	SW-846 8015B DRO LVI	GCSV/2136
H10100680007	MW-15	SW-846 8015B DRO LVI	EXTO/2440	SW-846 8015B DRO LVI	GCSV/2136
H10100680008	MW-4	SW-846 8015B DRO LVI	EXTO/2440	SW-846 8015B DRO LVI	GCSV/2136
H10100680009	MW-5	SW-846 8015B DRO LVI	EXTO/2440	SW-846 8015B DRO LVI	GCSV/2136
H10100680001	MW-21	SW-846 8015B GRO Gas	GCVW/2244	SW-846 8015B GRO Gas	GCVW/2245
H10100680002	MW-16	SW-846 8015B GRO Gas	GCVW/2244	SW-846 8015B GRO Gas	GCVW/2245
H10100680003	MW-20	SW-846 8015B GRO Gas	GCVW/2244	SW-846 8015B GRO Gas	GCVW/2245
H10100680004	MW-25	SW-846 8015B GRO Gas	GCVW/2244	SW-846 8015B GRO Gas	GCVW/2245
H10100680005	MW-24	SW-846 8015B GRO Gas	GCVW/2244	SW-846 8015B GRO Gas	GCVW/2245
H10100680006	DUP	SW-846 8015B GRO Gas	GCVW/2244	SW-846 8015B GRO Gas	GCVW/2245
H10100680001	MW-21	SW-846 5030	GCVW/2250	SW-846 8021B	GCVW/2251
H10100680002	MW-16	SW-846 5030	GCVW/2250	SW-846 8021B	GCVW/2251
H10100680003	MW-20	SW-846 5030	GCVW/2250	SW-846 8021B	GCVW/2251
H10100680004	MW-25	SW-846 5030	GCVW/2250	SW-846 8021B	GCVW/2251
H10100680005	MW-24	SW-846 5030	GCVW/2250	SW-846 8021B	GCVW/2251
H10100680006	DUP	SW-846 5030	GCVW/2250	SW-846 8021B	GCVW/2251
H10100680010	Trip Blank	SW-846 5030	GCVW/2250	SW-846 8021B	GCVW/2251
H10100680007	MW-15	SW-846 8015B GRO Gas	GCVW/2252	SW-846 8015B GRO Gas	GCVW/2253
H10100680008	MW-4	SW-846 8015B GRO Gas	GCVW/2252	SW-846 8015B GRO Gas	GCVW/2253
H10100680009	MW-5	SW-846 8015B GRO Gas	GCVW/2252	SW-846 8015B GRO Gas	GCVW/2253
H10100680007	MW-15	SW-846 5030	GCVW/2254	SW-846 8021B	GCVW/2255
H10100680008	MW-4	SW-846 5030	GCVW/2254	SW-846 8021B	GCVW/2255
H10100680009	MW-5	SW-846 5030	GCVW/2254	SW-846 8021B	GCVW/2255



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: H10100680 : East Hobbs Junction

Project Number: EHJ / 114-6400709

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
H10100680001	MW-21	EPA 300.0	IC/1538		
H10100680002	MW-16	EPA 300.0	IC/1538		
H10100680003	MW-20	EPA 300.0	IC/1538		
H10100680004	MW-25	EPA 300.0	IC/1538		
H10100680005	MW-24	EPA 300.0	IC/1538		
H10100680006	DUP	EPA 300.0	IC/1538		
H10100680007	MW-15	EPA 300.0	IC/1538		
H10100680008	MW-4	EPA 300.0	IC/1538		
H10100680009	MW-5	EPA 300.0	IC/1538		
H10100680009	MW-5	SW-846 5030	GCVW/2266	SW-846 8021B	GCVW/2267



Sample Receipt Checklist

WorkOrder:	H10100680	Received By	BAF
Date and Time	10/28/2010 09:28	Carrier Name:	FEDEXS
Temperature:	4.0,4.0,3.5°C	Chilled By:	Water Ice

Airbill - Temp: 872703743218-4.0C-50lb/872703743229-4.0C-50lb/872703743230-3.5C-50lb/

1. Shipping container/cooler in good condition? YES
2. Custody seals intact on shipping container/cooler? YES
3. Custody seals intact on sample bottles? Not Present
4. Chain of custody present? YES
5. Chain of custody signed when relinquished and received? YES
6. Chain of custody agrees with sample labels? YES
7. Samples in proper container/bottle? YES
8. Samples containers intact? YES
9. Sufficient sample volume for indicated test? YES
10. All samples received within holding time? YES
11. Container/Temp Blank temperature in compliance? YES
12. Water - VOA vials have zero headspace? YES
13. Water - Preservation checked upon receipt(except VOA*)? Not Applicable

*VOA Preservation Checked After Sample Analysis

SPL Representative:
Client Name Contacted:
Client Instructions:

Contact Date & Time:



Analysis Request & Chain of Custody Record

SPL, Inc.



H10100680

300586

1 of 4

SAMPLE ID	DATE	TIME	Pile	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis							
											BTex	Geo	Pro	CI 300				
MW-21	26-10-10	1225				W	V	50	1	3								
						W	V	50	1	3								
						W	V	50	1	3								
MW-16		1240				W	V	50	1	3								
						W	V	50	1	3								
						W	V	50	1	3								
MW-20		1255				W	V	50	1	3								
						W	V	50	1	3								
MW-20	26-10-10	1255				W	V	50	1	3								

Client/Consultant Remarks: _____
 Laboratory remarks: _____
 Intact? BY BN
 Temp: _____
 PSM review (initials): _____

Requested TAT

1 Business Day Contract
 2 Business Days Standard
 3 Business Days
 Other _____

Rush TAT requires prior notice

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

Special Reporting Requirements Results: Fax Email PPF Special Detection Limits (specify): _____

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

1. Relinquished by Sampler: SAOENCS date 27-10-10 time 1:00
 2. Received by: _____
 3. Relinquished by: _____ date _____ time _____
 4. Received by: _____
 5. Relinquished by: _____ date 10-28-10 time 9:28
 6. Received by Laboratory: _____



Analysis Request & Chain of Custody Record

SPL, Inc.

SPL Workorder No.

300587

H1010680

page 2 of 4

Client Name: FETA Tech
 Address: 6910 N Brys Pkwy State TX Zip 77105
 City: Mckinney
 Phone/Fax: 432 626 2081
 Client Contact: G-Pope Email:
 Project Name/No.: 114-1400709
 Site Name: EAT
 Site Location: KOBBS
 Invoice To:
 Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
MW-20	26/6/10	1255			W	A	7		2	
MW-20		1255			W	A	7		2	
MW-25		110			W	V	5		2	
MW-24		120			W	V	5		2	
MW-24		120			W	V	5		2	
MW-24	26/6/10	120			W	V	5		2	

Client/Consultant Remarks:
 Laboratory remarks:
 Intact? Y N
 Ice? Y N
 Temp: Y N
 PAI review (initial):

Requested TAT:
 1 Business Day Contract
 2 Business Days Standard
 3 Business Days
 Other
 Rush TAT requires prior notice

Special Reporting Requirements Results: Fax Email PDF
 Standard QC Level 3 QC Level 4 QC TX TRRP LA RECAP
 1. Relinquished by Sampler: SADTev date 27/10/10 time 100
 2. Received by:
 3. Relinquished by:
 4. Received by:
 5. Relinquished by: date 10/28/10 time 928
 6. Received by Laboratory: [Signature]

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



Analysis Request & Chain of Custody Record

SPL, Inc.

SPL Workorder No.

300588

H10100680 page 3 of 4

Requested Analysis

Client Name: PETRA Tech
 Address: 11010 Big Sky Ave State: TX Zip: 77055
 City: MADRID
 Phone/Fax: 432 636 3081
 Client Contact: 6100E Email:
 Project Name/No.: 14-6400709
 Site Name: EH S
 Site Location: 110585
 Invoice To:

SAMPLE ID	DATE	TIME	Ph.		matrix	bottle	size	pres.	Number of Containers	Requested Analysis
			comp	grab						
DUP	261010	0000			W	V	40	1	3	BTX 60 Pro Cl 300
		0000			W	V	40	1	3	
		0000			W	V	40	1	3	
		0000			W	V	40	1	3	
MW-15		155			W	V	40	1	3	
					W	V	40	1	3	
					W	V	40	1	3	
MW-4		205			W	V	40	1	3	
					W	V	40	1	3	
MW-4	26/10	205			W	V	40	1	3	

Client/Consultant Remarks:
 Laboratory remarks:
 Intact? Y N
 Temp: 88

Requested TAT:
 1 Business Day Contract
 2 Business Days Standard
 3 Business Days
 Other
 Rush TAT requires prior notice

Special Reporting Requirements Results:
 Standard QC Level 3 QC Level 4 QC TX TRRP LA RECAP
 1. Relinquished by Sampler: SADens date: 27/10/10 time: 100
 2. Received by:
 3. Relinquished by:
 4. Received by:
 5. Relinquished by: date: 10/28/10 time: 928
 6. Received by Laboratory: [Signature]

Special Detection Limits (specify):
 PM review (initials): [Signature]

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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, Inc.

SPL Workorder No.

300588

H110100680

page 3 of 4

Requested Analysis

Client Name: LeRoy Kelly

Address: 110 N Big Spring

City: Minden State: LA Zip: 70560

Phone/Fax: 432 686 8081

Client Contact: E. POPE Email:

Project Name/No.: 14-6400709

Site Name: EHS

Site Location: H02835

Invoice To: SAMPLE ID Ph:

DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis	Intact? Ice? Temp:	PM review (initial):
261010	0000			W	V	40	1	3	Btes		
	0000			W	V	40	1	3	Bro		
	0000			W	V	40	1	3	Pro		
	155			W	V	40	1	3	CI		
	0000			W	V	40	1	3	300		

Client/Consultant Remarks: Laboratory remarks:

Requested TAT

- 1 Business Day Contract
- 2 Business Days Standard
- 3 Business Days
- Other

Rush TAT requires prior notice

Special Reporting Requirements Results:

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

Special Detection Limits (specify):

1. Relinquished by Sampler:	date	time	2. Received by:	date	time
<u>SADewis</u>	27/10/10	100			
3. Relinquished by:	date	time	4. Received by:	date	time
5. Relinquished by:	date	time	6. Received by Laboratory:	date	time
	10/28/10	928	<u>[Signature]</u>		

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Certificate of Analysis

November 15, 2010

Workorder: H10100681

Greg W Pope, PG
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Project: East Hobbs Junction

Project Number: EHJ 114-6400709

Site: East Hobbs Junction, Hobbs, NM

PO Number: 4511063196

NELAC Cert. No.: T104704205-09-3

This Report Contains A Total Of 51 Pages

Excluding Any Attachments



Certificate of Analysis

November 15, 2010

Workorder: H10100681

Greg W Pope, PG
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Project: East Hobbs Junction
Project Number: EHJ 114-6400709
Site: East Hobbs Junction, Hobbs, NM
PO Number: 4511063196
NELAC Cert. No.: T104704205-09-3

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

Sample MW-9 was written on the chain of custody but not received with the samples. Per the client, disregard MW-9 since it was not sampled. Two vials for sample ID "MW-26" were received broken however 4 remain for analysis.

II: ANALYSES AND EXCEPTIONS:

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.

SW8015 - Diesel Range Organics:

Due to limited sample volume, a Matrix Spike (MS) or Matrix Spike Duplicate (MSD) was not extracted with Batch ID: EXTO/2441. 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.

III. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report (" mg/kg-dry " or " ug/kg-dry ").

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.

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.



Certificate of Analysis

November 15, 2010

Workorder: H10100681

Greg W Pope, PG
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Project: East Hobbs Junction
Project Number: EHJ 114-6400709
Site: East Hobbs Junction, Hobbs, NM
PO Number: 4511063196
NELAC Cert. No.: T104704205-09-3

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.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or by his designee, as verified by the following signature.

Erica Cardenas, Senior Project Manager

Enclosures



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SAMPLE SUMMARY

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID	Sample ID	Matrix	COC ID	Date/Time Collected	Date/Time Received
H10100681001	MW-26	Water		10/27/2010 08:15	10/28/2010 09:28
H10100681002	MW-27	Water		10/27/2010 08:35	10/28/2010 09:28
H10100681003	MW-23	Water		10/27/2010 08:55	10/28/2010 09:28
H10100681004	MW-22	Water		10/27/2010 09:15	10/28/2010 09:28
H10100681005	MW-13	Water		10/27/2010 09:30	10/28/2010 09:28
H10100681006	MW-19	Water		10/27/2010 09:40	10/28/2010 09:28
H10100681007	MW-14	Water		10/27/2010 09:47	10/28/2010 09:28
H10100681008	MW-18	Water		10/27/2010 09:55	10/28/2010 09:28
H10100681009	MW-12	Water		10/27/2010 10:05	10/28/2010 09:28
H10100681010	DUP-2	Water		10/27/2010 00:00	10/28/2010 09:28
H10100681011	SVE-10	Water		10/27/2010 10:30	10/28/2010 09:28
H10100681013	MW-6	Water		10/27/2010 10:45	10/28/2010 09:28
H10100681014	Trip Blank	Water		10/27/2010 00:00	10/28/2010 09:28



ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681001

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-26

Date/Time Collected: 10/27/2010 08:15

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2255 SW-846 8021B on 11/05/2010 03:17 by NNM

Parameters	Results			MDL	DF	RegLmt	Batch Information	
	ug/l	Qual	Report Limit				Prep	Analysis
Benzene	ND		1.0	0.32	1			2255
Ethylbenzene	ND		1.0	0.22	1			2255
Toluene	ND		1.0	0.19	1			2255
m,p-Xylene	ND		1.0	0.29	1			2255
o-Xylene	ND		1.0	0.21	1			2255
Xylenes, Total	ND		1.0	0.21	1			2255
1,4-Difluorobenzene (S)	95.9 %		70-130		1			2255
4-Bromofluorobenzene (S)	100 %		70-130		1			2255
Preservation pH	<2				1			2255

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2253 SW-846 8015B GRO Gas on 11/05/2010 03:17 by NNM

Parameters	Results			MDL	DF	RegLmt	Batch Information	
	mg/l	Qual	Report Limit				Prep	Analysis
Gasoline Range Organics	ND		0.10	0.017	1			2253
1,4-Difluorobenzene (S)	101 %		60-155		1			2253
4-Bromofluorobenzene (S)	104 %		50-158		1			2253

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI Preparation Batches:
 Batch: 2441 SW-846 8015B DRO LVI on 11/02/2010 17:26 by A_G
 Analytical Batches:
 Batch: 2134 SW-846 8015B DRO LVI on 11/04/2010 21:08 by NDW

Parameters	Results			MDL	DF	RegLmt	Batch Information	
	mg/l	Qual	Report Limit				Prep	Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2441	2134
n-Pentacosane (S)	98.8 %		10-185		1		2441	2134

WET CHEMISTRY



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ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681001

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-26

Date/Time Collected: 10/27/2010 08:15

Parameters	Results				Batch Information			
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Chloride	131		5.00	1.26	10			1538



ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681002

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-27

Date/Time Collected: 10/27/2010 08:35

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2255 SW-846 8021B on 11/05/2010 03:46 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	4.8		1.0	0.32	1		2255
Ethylbenzene	ND		1.0	0.22	1		2255
Toluene	ND		1.0	0.19	1		2255
m,p-Xylene	ND		1.0	0.29	1		2255
o-Xylene	ND		1.0	0.21	1		2255
Xylenes, Total	ND		1.0	0.21	1		2255
1,4-Difluorobenzene (S)	96 %		70-130		1		2255
4-Bromofluorobenzene (S)	100 %		70-130		1		2255
Preservation pH	<2				1		2255

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2253 SW-846 8015B GRO Gas on 11/05/2010 03:46 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND		0.10	0.017	1		2253
1,4-Difluorobenzene (S)	102 %		60-155		1		2253
4-Bromofluorobenzene (S)	104 %		50-158		1		2253

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI Preparation Batches:
 Batch: 2441 SW-846 8015B DRO LVI on 11/02/2010 17:26 by A.G
 Analytical Batches:
 Batch: 2134 SW-846 8015B DRO LVI on 11/04/2010 21:51 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2441 2134
n-Pentacosane (S)	94.7 %		10-185		1		2441 2134

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ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681002

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-27

Date/Time Collected: 10/27/2010 08:35

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1538 EPA 300.0 on 11/08/2010 17:18 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep: Analysis
Chloride	124		5.00	1.26	10		1538



ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681003

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-23

Date/Time Collected: 10/27/2010 08:55

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:					
		Batch: 2255 SW-846 8021B on 11/05/2010 04:14 by NNM					
Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		2255
Ethylbenzene	ND		1.0	0.22	1		2255
Toluene	ND		1.0	0.19	1		2255
m,p-Xylene	ND		1.0	0.29	1		2255
o-Xylene	ND		1.0	0.21	1		2255
Xylenes, Total	ND		1.0	0.21	1		2255
1,4-Difluorobenzene (S)	96.6 %		70-130		1		2255
4-Bromofluorobenzene (S)	101 %		70-130		1		2255
Preservation pH	<2				1		2255

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:					
		Batch: 2253 SW-846 8015B GRO Gas on 11/05/2010 04:14 by NNM					
Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND		0.10	0.017	1		2253
1,4-Difluorobenzene (S)	101 %		60-155		1		2253
4-Bromofluorobenzene (S)	104 %		50-158		1		2253

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI		Preparation Batches:					
		Batch: 2441 SW-846 8015B DRO LVI on 11/02/2010 17:26 by A_G					
		Analytical Batches:					
		Batch: 2134 SW-846 8015B DRO LVI on 11/04/2010 22:35 by NDW					
Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2441 2134
n-Pentacosane (S)	108 %		10-185		1		2441 2134

WET CHEMISTRY



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ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681003

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-23

Date/Time Collected: 10/27/2010 08:55

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	58.8		5.00	1.26	10		1538



ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHV 114-6400709

Lab ID: H10100681004

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-22

Date/Time Collected: 10/27/2010 09:15

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						Batch Information	
		Batch: 2255 SW-846 8021B on 11/05/2010 04:42 by NNM						Prep	Analysis
Parameters	Results ug/l	Qual	Report Limit	MDL	DF	RegLmt			
Benzene	ND		1.0	0.32	1			2255	
Ethylbenzene	ND		1.0	0.22	1			2255	
Toluene	ND		1.0	0.19	1			2255	
m,p-Xylene	ND		1.0	0.29	1			2255	
o-Xylene	ND		1.0	0.21	1			2255	
Xylenes, Total	ND		1.0	0.21	1			2255	
1,4-Difluorobenzene (S)	96.5 %		70-130		1			2255	
4-Bromofluorobenzene (S)	101 %		70-130		1			2255	
Preservation pH	<2				1			2255	

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						Batch Information	
		Batch: 2253 SW-846 8015B GRO Gas on 11/05/2010 04:42 by NNM						Prep	Analysis
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt			
Gasoline Range Organics	ND		0.10	0.017	1			2253	
1,4-Difluorobenzene (S)	101 %		60-155		1			2253	
4-Bromofluorobenzene (S)	104 %		50-158		1			2253	

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI		Preparation Batches:						Batch Information	
		Batch: 2441 SW-846 8015B DRO LVI on 11/02/2010 17:26 by A G						Prep	Analysis
		Analytical Batches:							
		Batch: 2134 SW-846 8015B DRO LVI on 11/04/2010 23:19 by NDW							
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt			
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2441	2134	
n-Pentacosane (S)	93.8 %		10-185		1		2441	2134	

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Fax: (713) 660-8975

ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681004

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-22

Date/Time Collected: 10/27/2010 09:15

Analysis Desc: EPA-300.0

Analytical Batches:

Batch: 1538 EPA-300.0 on 11/08/2010 18:23 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	83.3		5.00	1.26	10		1538



ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681005

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-13

Date/Time Collected: 10/27/2010 09:30

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2255 SW-846 8021B on 11/05/2010 05:10 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		2255
Ethylbenzene	ND		1.0	0.22	1		2255
Toluene	ND		1.0	0.19	1		2255
m,p-Xylene	ND		1.0	0.29	1		2255
o-Xylene	ND		1.0	0.21	1		2255
Xylenes, Total	ND		1.0	0.21	1		2255
1,4-Difluorobenzene (S)	98.4 %		70-130		1		2255
4-Bromofluorobenzene (S)	104 %		70-130		1		2255
Preservation pH	<2				1		2255

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2253 SW-846 8015B GRO Gas on 11/05/2010 05:10 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND		0.10	0.017	1		2253
1,4-Difluorobenzene (S)	100 %		60-155		1		2253
4-Bromofluorobenzene (S)	104 %		50-158		1		2253

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI Preparation Batches:
 Batch: 2441 SW-846 8015B DRO LVI on 11/02/2010 17:26 by A_G
 Analytical Batches:
 Batch: 2134 SW-846 8015B DRO LVI on 11/05/2010 00:01 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2441 2134
n-Pentacosane (S)	123 %		10-185		1		2441 2134

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ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHV 114-6400709

Lab ID: H10100681005

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-13

Date/Time Collected: 10/27/2010 09:30

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1538 EPA 300.0 on 11/08/2010 18:39 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	Reg Limit	Prep Analysis
Chloride	69.9		5.00	1.26	10		1538



ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681006

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-19

Date/Time Collected: 10/27/2010 09:40

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						Batch Information	
		Batch: 2259 SW-846 8021B on 11/05/2010 07:59 by NNM						Prep	Analysis
Parameters	Results ug/l	Qual	Report Limit	MDL	DF	RegLmt			
Benzene	ND		1.0	0.32	1			2259	
Ethylbenzene	ND		1.0	0.22	1			2259	
Toluene	ND		1.0	0.19	1			2259	
m,p-Xylene	ND		1.0	0.29	1			2259	
o-Xylene	ND		1.0	0.21	1			2259	
Xylenes, Total	ND		1.0	0.21	1			2259	
1,4-Difluorobenzene (S)	95.9 %		70-130		1			2259	
4-Bromofluorobenzene (S)	99.8 %		70-130		1			2259	
Preservation pH	<2				1			2259	

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						Batch Information	
		Batch: 2257 SW-846 8015B GRO Gas on 11/05/2010 07:59 by NNM						Prep	Analysis
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt			
Gasoline Range Organics	ND		0.10	0.017	1			2257	
1,4-Difluorobenzene (S)	101 %		60-155		1			2257	
4-Bromofluorobenzene (S)	102 %		50-158		1			2257	

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI		Preparation Batches:						Batch Information	
		Batch: 2441 SW-846 8015B DRO LVI on 11/02/2010 17:26 by A_G						Prep	Analysis
Analysis Desc: SW-846 8015B DRO LVI		Analytical Batches:						Batch Information	
		Batch: 2134 SW-846 8015B DRO LVI on 11/05/2010 00:44 by NDW						Prep	Analysis
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt			
Diesel Range Organics(C10-C28)	0.067		0.050	0.012	1		2441	2134	
n-Pentacosane (S)	103 %		10-185		1		2441	2134	

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ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681006

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-19

Date/Time Collected: 10/27/2010 09:40

Parameters	Analytical Batches:						Batch Information	
	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Chloride	172		5.00	1.26	10			1538



ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681007

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-14

Date/Time Collected: 10/27/2010 09:47

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2259 SW-846 8021B on 11/05/2010 08:27 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		2259
Ethylbenzene	ND		1.0	0.22	1		2259
Toluene	ND		1.0	0.19	1		2259
m,p-Xylene	ND		1.0	0.29	1		2259
o-Xylene	ND		1.0	0.21	1		2259
Xylenes, Total	ND		1.0	0.21	1		2259
1,4-Difluorobenzene (S)	98.1 %		70-130		1		2259
4-Bromofluorobenzene (S)	98.1 %		70-130		1		2259
Preservation pH	<2				1		2259

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2257 SW-846 8015B GRO Gas on 11/05/2010 08:27 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND		0.10	0.017	1		2257
1,4-Difluorobenzene (S)	102 %		60-155		1		2257
4-Bromofluorobenzene (S)	101 %		50-158		1		2257

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI Preparation Batches:
 Batch: 2441 SW-846 8015B DRO LVI on 11/02/2010 17:26 by A.G
 Analytical Batches:
 Batch: 2134 SW-846 8015B DRO LVI on 11/05/2010 01:26 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.076		0.050	0.012	1		2441 2134
n-Pentacosane (S)	104 %		10-185		1		2441 2134

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ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681007

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-14

Date/Time Collected: 10/27/2010 09:47

Parameters	Analytical Batches:						Batch Information	
	Results	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Chloride	231		10.0	2.52	20			1538



ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681008

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-18

Date/Time Collected: 10/27/2010 09:55

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2259 SW-846 8021B on 11/05/2010 08:55 by NNM DF = 5.
 Batch: 2267 SW-846 8021B on 11/09/2010 10:20 by JWS DF = 25.

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	5900		25	8.0	25		2267
Ethylbenzene	180		5.0	1.1	5		2259
Toluene	ND		5.0	0.94	5		2259
m,p-Xylene	120		25	7.2	25		2267
o-Xylene	90		5.0	1.1	5		2259
Xylenes, Total	210		5.0	1.1	25		2267
1,4-Difluorobenzene (S)	98.6 %		70-130		5		2259
1,4-Difluorobenzene (S)	106 %		70-130		25		2267
4-Bromofluorobenzene (S)	89 %		70-130		25		2267
4-Bromofluorobenzene (S)	103 %		70-130		5		2259
Preservation pH	<2				5		2259
Preservation pH	<2				25		2267

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2263 SW-846 8015B GRO Gas on 11/08/2010 13:12 by JWS

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	15		2.5	0.42	25		2263
1,4-Difluorobenzene (S)	107 %		60-155		25		2263
4-Bromofluorobenzene (S)	94.8 %		50-158		25		2263

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI Preparation Batches:
 Batch: 2441 SW-846 8015B DRO LVI on 11/02/2010 17:26 by A_G
 Analytical Batches:
 Batch: 2134 SW-846 8015B DRO LVI on 11/05/2010 03:31 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.39		0.050	0.012	1		2441 2134
n-Pentacosane (S)	85.3 %		10-185		1		2441 2134



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ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681008

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-18

Date/Time Collected: 10/27/2010 09:55

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1541 - EPA 300.0 on 11/08/2010 20:32 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	Reg.Lmt	Prep Analysis
Chloride	184		10.0	2.52	20		1541



ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681009

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-12

Date/Time Collected: 10/27/2010 10:05

VOLATILES

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	5300		25	8.0	25		2267
Ethylbenzene	140		10	2.2	10		2259
Toluene	ND		10	1.9	10		2259
m,p-Xylene	190		25	7.2	25		2267
o-Xylene	ND		10	2.1	10		2259
Xylenes, Total	190		10	2.1	25		2267
1,4-Difluorobenzene (S)	93.1 %		70-130		10		2259
1,4-Difluorobenzene (S)	106 %		70-130		25		2267
4-Bromofluorobenzene (S)	88.8 %		70-130		25		2267
4-Bromofluorobenzene (S)	101 %		70-130		10		2259
Preservation pH	<2				10		2259
Preservation pH	<2				25		2267

Gasoline Range Organics (GRO)

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	16		2.5	0.42	25		2263
1,4-Difluorobenzene (S)	108 %		60-155		25		2263
4-Bromofluorobenzene (S)	94.8 %		50-158		25		2263

Diesel Range Organics (DRO)

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.48		0.050	0.012	1		2441 2134
n-Pentacosane (S)	102 %		10-185		1		2441 2134



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ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681009

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-12

Date/Time Collected: 10/27/2010 10:05

WET CHEMISTRY

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1541 EPA 300.0 on 11/08/2010 20:48 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	201		10.0	2.52	20		1541



ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: **H10100681010**
 Sample ID: **DUP-2**

Date/Time Received: 10/28/2010 09:28 Matrix: Water
 Date/Time Collected: 10/27/2010 00:00

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2259 SW-846 8021B on 11/05/2010 09:51 by NNM DF = 10
 Batch: 2267 SW-846 8021B on 11/09/2010 11:16 by JWS DF = 25

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	4900		10	3.2	10		2259
Ethylbenzene	150		10	2.2	10		2259
Toluene	ND		10	1.9	10		2259
m,p-Xylene	210		25	7.2	25		2267
o-Xylene	ND		10	2.1	10		2259
Xylenes, Total	210		10	2.1	25		2267
1,4-Difluorobenzene (S)	93 %		70-130		10		2259
1,4-Difluorobenzene (S)	106 %		70-130		25		2267
4-Bromofluorobenzene (S)	88.7 %		70-130		25		2267
4-Bromofluorobenzene (S)	98.6 %		70-130		10		2259
Preservation pH	<2				10		2259
Preservation pH	<2				25		2267

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2257 SW-846 8015B GRO Gas on 11/05/2010 09:51 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	15		1.0	0.17	10		2257
1,4-Difluorobenzene (S)	112 %		60-155		10		2257
4-Bromofluorobenzene (S)	102 %		50-158		10		2257

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI Preparation Batches:
 Batch: 2441 SW-846 8015B DRO LVI on 11/02/2010 17:26 by A_G
 Analytical Batches:
 Batch: 2134 SW-846 8015B DRO LVI on 11/05/2010 04:52 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	0.56		0.050	0.012	1		2441 2134
n-Pentacosane (S)	104 %		10-185		1		2441 2134



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ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: **H10100681010**

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: **DUP-2**

Date/Time Collected: 10/27/2010 00:00

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Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt	Batch Information: Prep Analysis
Chloride	191		10.0	2.52	20		1541



ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681011

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: SVE-10

Date/Time Collected: 10/27/2010 10:30

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2259 SW-846 8021B on 11/05/2010 10:19 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		2259
Ethylbenzene	ND		1.0	0.22	1		2259
Toluene	ND		1.0	0.19	1		2259
m,p-Xylene	ND		1.0	0.29	1		2259
o-Xylene	ND		1.0	0.21	1		2259
Xylenes, Total	ND		1.0	0.21	1		2259
1,4-Difluorobenzene (S)	98.6 %		70-130		1		2259
4-Bromofluorobenzene (S)	101 %		70-130		1		2259
Preservation pH	<2				1		2259

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2257 SW-846 8015B GRO Gas on 11/05/2010 10:19 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND		0.10	0.017	1		2257
1,4-Difluorobenzene (S)	101 %		60-155		1		2257
4-Bromofluorobenzene (S)	103 %		50-158		1		2257

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI Preparation Batches:
 Batch: 2441 SW-846 8015B DRO LVI on 11/02/2010 17:26 by A_G
 Analytical Batches:
 Batch: 2134 SW-846 8015B DRO LVI on 11/05/2010 05:32 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics(C10-C28)	ND		0.050	0.012	1		2441 2134
n-Pentacosane (S)	96.1 %		10-185		1		2441 2134

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ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681011

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: SVE-10

Date/Time Collected: 10/27/2010 10:30

Parameters	Results						Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep	Analysis
Chloride	224		10.0	2.52	20			1541



ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681013

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-6

Date/Time Collected: 10/27/2010 10:45

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						
		Batch: 2267 SW-846 8021B on 11/09/2010 09:53 by JWS						
Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	ug/l	Qual					Prep	Analysis
Benzene	20		1.0	0.32	1			2267
Ethylbenzene	130		1.0	0.22	1			2267
Toluene	2.7		1.0	0.19	1			2267
m,p-Xylene	16		1.0	0.29	1			2267
o-Xylene	6.3		1.0	0.21	1			2267
Xylenes, Total	22.3		1.0	0.21	1			2267
1,4-Difluorobenzene (S)	109 %		70-130		1			2267
4-Bromofluorobenzene (S)	93.1 %		70-130		1			2267
Preservation pH	<2				1			2267

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						
		Batch: 2257 SW-846 8015B GRO Gas on 11/05/2010 10:49 by NNM						
Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Gasoline Range Organics	2.8		1.0	0.17	10			2257
1,4-Difluorobenzene (S)	108 %		60-155		10			2257
4-Bromofluorobenzene (S)	104 %		50-158		10			2257

Diesel Range Organics (DRO)

Analysis Desc: SW-846 8015B DRO LVI		Preparation Batches:						
		Batch: 2441 SW-846 8015B DRO LVI on 11/02/2010 17:26 by A_G						
		Analytical Batches:						
		Batch: 2134 SW-846 8015B DRO LVI on 11/05/2010 06:13 by NDW						
Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Diesel Range Organics(C10-C28)	1.0		0.050	0.012	1		2441	2134
n-Pentacosane (S)	118 %		10-185		1		2441	2134

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ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681013

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: MW-6

Date/Time Collected: 10/27/2010 10:45

Analysis Desc: EPA:300:0

Analytical Batches:

Batch: 1541 EPA:300:0 on 11/08/2010 21:52 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	102		10.0	2.52	20		1541



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ANALYTICAL RESULTS

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID: H10100681014

Date/Time Received: 10/28/2010 09:28 Matrix: Water

Sample ID: Trip Blank

Date/Time Collected: 10/27/2010 00:00

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 2255 SW-846 8021B on 11/05/2010 02:49 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		2255
Ethylbenzene	ND		1.0	0.22	1		2255
Toluene	ND		1.0	0.19	1		2255
m,p-Xylene	ND		1.0	0.29	1		2255
o-Xylene	ND		1.0	0.21	1		2255
Xylenes, Total	ND		1.0	0.21	1		2255
1,4-Difluorobenzene (S)	97 %		70-130		1		2255
4-Bromofluorobenzene (S)	101 %		70-130		1		2255
Preservation pH	<2				1		2255



QUALITY CONTROL DATA

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

QC Batch: GCVW/2252 Analysis Method: SW-846 8015B GRO Gas
 QC Batch Method: SW-846 5030 Preparation: 11/04/2010 00:00 by GCV
 Associated Lab Samples: H10100680007 H10100680008 H10100680009 H10100681001 H10100681002 H10100681003
 H10100681004 H10100681005

METHOD BLANK: 80481

Analysis Date/Time Analyst: 11/04/2010 20:48 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Gasoline Range Organics	mg/l	ND		0.10
4-Bromofluorobenzene (S)	%	99.4		50-158
1,4-Difluorobenzene (S)	%	101		60-155

LABORATORY CONTROL SAMPLE: 80482

Analysis Date/Time Analyst: 11/04/2010 21:15 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Gasoline Range Organics	mg/l	1.0	0.904	90.4	70-130
4-Bromofluorobenzene (S)	%			105	50-158
1,4-Difluorobenzene (S)	%			109	60-155

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 80483 80484 Original: H10100680007

MS Analysis Date/Time Analyst: 11/04/2010 22:38 NNM

MSD Analysis Date/Time Analyst: 11/04/2010 23:06 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Gasoline Range Organics	mg/l	ND	1.0	0.815	0.82	81.4	81.9	36-160	0.6	36
4-Bromofluorobenzene (S)	%	102				104	108	50-158		
1,4-Difluorobenzene (S)	%	101				107	109	60-155		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

QC Batch: GCVW/2254 Analysis Method: SW-846 8021B
 QC Batch Method: SW-846 5030 Preparation: 11/04/2010 00:00 by GCV
 Associated Lab Samples: H10100680007 H10100680008 H10100680009 H10100681001 H10100681002 H10100681003
 H10100681004 H10100681005 H10100681014

METHOD BLANK: 80505

Analysis Date/Time Analyst: 11/04/2010 20:48 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Benzene	ug/l	ND		1.0
Ethylbenzene	ug/l	ND		1.0
Toluene	ug/l	ND		1.0
m,p-Xylene	ug/l	ND		1.0
o-Xylene	ug/l	ND		1.0
Xylenes, Total	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	96.1		70-130
4-Bromofluorobenzene (S)	%	95		70-130

LABORATORY CONTROL SAMPLE: 80506

Analysis Date/Time Analyst: 11/04/2010 21:43 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Benzene	ug/l	20	21.2	106	70-130
Ethylbenzene	ug/l	20	20.9	105	70-130
Toluene	ug/l	20	21.1	106	70-130
m,p-Xylene	ug/l	40	41.0	102	70-130
o-Xylene	ug/l	20	20.1	100	70-130
Xylenes, Total	ug/l	60	61.0	102	70-130
1,4-Difluorobenzene (S)	%			96.8	70-130
4-Bromofluorobenzene (S)	%			97.8	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:80509 80510 Original: H10100680008

MS Analysis Date/Time Analyst: 11/05/2010 00:01 NNM

MSD Analysis Date/Time Analyst: 11/05/2010 00:29 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Benzene	ug/l	ND	20	20.6	20.3	103	101	66-141	1.2	31
Ethylbenzene	ug/l	ND	20	20.3	20.3	101	102	52-136	0.0	28
Toluene	ug/l	ND	20	20.5	20.2	102	101	61-131	1.1	25
m,p-Xylene	ug/l	ND	40	39.4	39.4	98.5	98.6	60-130	0.1	36
o-Xylene	ug/l	ND	20	19.4	19.3	96.8	96.4	64-130	0.3	30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



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QUALITY CONTROL DATA

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:80509 80510 Original: H10100680008

MS Analysis Date/Time Analyst: 11/05/2010 00:01 NNM

MSD Analysis Date/Time Analyst: 11/05/2010 00:29 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Xylenes, Total	ug/l	ND	60	58.8	58.7	97.9	97.9	60-130	0.1	36
1,4-Difluorobenzene (S)	%	96.1				96.9	95.7	70-130		
4-Bromofluorobenzene (S)	%	96.4				99.9	98.2	70-130		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

QC Batch: GCWV/2256 Analysis Method: SW-846 8015B GRO Gas
 QC Batch Method: SW-846 5030 Preparation: 11/05/2010 00:00 by GCV

Associated Lab Samples: H10100681006 H10100681007 H10100681010 H10100681011 H10100681013

METHOD BLANK: 80677

Analysis Date/Time Analyst: 11/05/2010 06:35 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Gasoline Range Organics	mg/l	ND		0.10
4-Bromofluorobenzene (S)	%	104		50-158
1,4-Difluorobenzene (S)	%	100		60-155

LABORATORY CONTROL SAMPLE: 80678

Analysis Date/Time Analyst: 11/05/2010 07:03 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Gasoline Range Organics	mg/l	1.0	0.82	82.0	70-130
4-Bromofluorobenzene (S)	%			106	50-158
1,4-Difluorobenzene (S)	%			106	60-155

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:80679 80680 Original: H10100681006

MS Analysis Date/Time Analyst: 11/05/2010 13:26 NNM

MSD Analysis Date/Time Analyst: 11/05/2010 13:54 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Gasoline Range Organics	mg/l	ND	1.0	0.908	0.90	90.8	90.0	36-160	0.9	36
4-Bromofluorobenzene (S)	%	102				104	103	50-158		
1,4-Difluorobenzene (S)	%	101				108	108	60-155		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

QC Batch: GCVW/2258 Analysis Method: SW-846 8021B
 QC Batch Method: SW-846 5030 Preparation: 11/05/2010 00:00 by GCV
 Associated Lab Samples: H10100681006 H10100681007 H10100681008 H10100681009 H10100681010 H10100681011

METHOD BLANK: 80728

Analysis Date/Time Analyst: 11/05/2010 06:35 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Benzene	ug/l	ND		1.0
Ethylbenzene	ug/l	ND		1.0
Toluene	ug/l	ND		1.0
m,p-Xylene	ug/l	ND		1.0
o-Xylene	ug/l	ND		1.0
Xylenes, Total	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	96.8		70-130
4-Bromofluorobenzene (S)	%	102		70-130

LABORATORY CONTROL SAMPLE: 80729

Analysis Date/Time Analyst: 11/05/2010 07:31 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Benzene	ug/l	20	20.2	101	70-130
Ethylbenzene	ug/l	20	20.2	101	70-130
Toluene	ug/l	20	20.1	101	70-130
m,p-Xylene	ug/l	40	39.6	99.0	70-130
o-Xylene	ug/l	20	19.7	98.4	70-130
Xylenes, Total	ug/l	60	59.3	98.8	70-130
1,4-Difluorobenzene (S)	%			96.0	70-130
4-Bromofluorobenzene (S)	%			102	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:80730 80731 Original: H10100681006

MS Analysis Date/Time Analyst: 11/05/2010 14:21 NNM

MSD Analysis Date/Time Analyst: 11/05/2010 15:00 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Benzene	ug/l	ND	20	21.8	21.0	109	105	66-141	3.7	31
Ethylbenzene	ug/l	ND	20	21.5	20.3	107	101	52-136	5.5	28
Toluene	ug/l	ND	20	21.5	20.8	107	103	61-131	3.3	25
m,p-Xylene	ug/l	ND	40	42.2	39.9	106	99.8	60-130	5.6	36
o-Xylene	ug/l	ND	20	21.2	20.1	106	101	64-130	5.0	30
Xylenes, Total	ug/l	ND	60	63.4	60.1	106	100	60-130	5.4	36

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:80730 80731 Original: H10100681006

MS Analysis Date/Time Analyst: 11/05/2010 14:21 NNM

MSD Analysis Date/Time Analyst: 11/05/2010 15:00 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
1,4-Difluorobenzene (S)	%	95.9				96.0	96.0	70-130		
4-Bromofluorobenzene (S)	%	99.8				98.4	97.8	70-130		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

QC Batch: GCVW/2262 Analysis Method: SW-846 8015B GRO Gas
 QC Batch Method: SW-846 5030 Preparation: 11/08/2010 00:00 by GCV

Associated Lab Samples: H10100681008 H10100681009

METHOD BLANK: 80847

Analysis Date/Time Analyst: 11/08/2010 11:49 JWS

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Gasoline Range Organics	mg/l	ND		0.10
4-Bromofluorobenzene (S)	%	94.4		50-158
1,4-Difluorobenzene (S)	%	104		60-155

LABORATORY CONTROL SAMPLE: 80848

Analysis Date/Time Analyst: 11/08/2010 12:44 JWS

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Gasoline Range Organics	mg/l	1.0	0.905	90.5	70-130
4-Bromofluorobenzene (S)	%			98.5	50-158
1,4-Difluorobenzene (S)	%			111	60-155

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:80849 80850 Original: H10100681009

MS Analysis Date/Time Analyst: 11/08/2010 15:46 JWS

MSD Analysis Date/Time Analyst: 11/08/2010 16:14 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Gasoline Range Organics	mg/l	16	25	35.3	34.6	76.0	73.3	36-160	1.9	36
4-Bromofluorobenzene (S)	%	94.8				98.0	98.6	50-158		
1,4-Difluorobenzene (S)	%	108				116	117	60-155		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

QC Batch: GCVW/2266 Analysis Method: SW-846 8021B
 QC Batch Method: SW-846 5030 Preparation: 11/09/2010 00:00 by GCV

Associated Lab Samples: H10100680009 H10100681008 H10100681009 H10100681010 H10100681013

METHOD BLANK: 80950

Analysis Date/Time Analyst: 11/09/2010 08:03 JWS

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Benzene	ug/l	ND		1.0
Ethylbenzene	ug/l	ND		1.0
Toluene	ug/l	ND		1.0
m,p-Xylene	ug/l	ND		1.0
o-Xylene	ug/l	ND		1.0
Xylenes, Total	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	98.2		70-130
4-Bromofluorobenzene (S)	%	89.3		70-130

LABORATORY CONTROL SAMPLE: 80951

Analysis Date/Time Analyst: 11/09/2010 08:57 JWS

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Benzene	ug/l	20	18.1	90.6	70-130
Ethylbenzene	ug/l	20	18.4	92.2	70-130
Toluene	ug/l	20	18.2	91.1	70-130
m,p-Xylene	ug/l	40	36.0	90.1	70-130
o-Xylene	ug/l	20	17.3	86.6	70-130
Xylenes, Total	ug/l	60	53.4	88.9	70-130
1,4-Difluorobenzene (S)	%			98.0	70-130
4-Bromofluorobenzene (S)	%			88.7	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:80957 80958 Original: H10100681013

MS Analysis Date/Time Analyst: 11/09/2010 11:49 JWS

MSD Analysis Date/Time Analyst: 11/09/2010 12:17 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Benzene	ug/l	20	20	36.1	33.8	78.4	67.0	66-141	6.5	31
Ethylbenzene	ug/l	130	20	127	119	NC	NC	52-136	NC	28
Toluene	ug/l	2.7	20	21.7	20.3	95.4	88.3	61-131	6.8	25
m,p-Xylene	ug/l	16	40	49.5	46.6	84.0	76.7	60-130	6.1	36
o-Xylene	ug/l	6.3	20	23.8	22.7	87.8	81.9	64-130	5.0	30
Xylenes, Total	ug/l	22.2	60	73.4	69.2	85.3	78.4	60-130	5.8	36

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:80957 80958 Original: H10100681013

MS Analysis Date/Time Analyst: 11/09/2010 11:49 JWS

MSD Analysis Date/Time Analyst: 11/09/2010 12:17 JWS

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
1,4-Difluorobenzene (S)	%	109				113	112	70-130		
4-Bromofluorobenzene (S)	%	93.1				90.4	90.3	70-130		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

QC Batch: EXTO/2441 Analysis Method: SW-846 8015B DRO LVI
 QC Batch Method: SW-846 8015B DRO LVI Preparation: 11/02/2010 17:06 by A_G
 Associated Lab Samples: H10100681001 H10100681002 H10100681003 H10100681004 H10100681005 H10100681006
 H10100681007 H10100681008 H10100681009 H10100681010 H10100681011 H10100681013
 H10100737001 H10100737002 H10100737003 H10100737004 H10100737005 H10100737006
 H10100737007

METHOD BLANK: 79769

Analysis Date/Time Analyst: 11/04/2010 18:55 NDW

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Diesel Range Organics(C10-C28)	mg/l	ND		0.050
n-Pentacosane (S)	%	128		10-185

LABORATORY CONTROL SAMPLE & LCSD: 79770 79771

LCS Analysis Date/Time Analyst: 11/04/2010 19:40 NDW

LCSD Analysis Date/Time 11/04/2010 20:24 NDW

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD
Diesel Range Organics(C10-C28)	mg/l	2	2.94	2.88	147	144	21-175	2.2	43
n-Pentacosane (S)	%				183	136	10-185		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

QC Batch: IC/1538 Analysis Method: EPA 300.0
 QC Batch Method: EPA 300.0

Associated Lab Samples: H10100680001 H10100680002 H10100680003 H10100680004 H10100680005 H10100680006
 H10100680007 H10100680008 H10100680009 H10100681001 H10100681002 H10100681003
 H10100681004 H10100681005 H10100681006 H10100681007

METHOD BLANK: 80837

Analysis Date/Time Analyst: 11/08/2010 12:28 ESK

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Chloride	mg/l	ND		0.500

LABORATORY CONTROL SAMPLE: 80838

Analysis Date/Time Analyst: 11/08/2010 12:44 ESK

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Chloride	mg/l	10	9.122	91.2	85-115

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:80841

80842

Original: H10100681002

MS Analysis Date/Time Analyst: 11/08/2010 17:34 ESK

MSD Analysis Date/Time Analyst: 11/08/2010 17:50 ESK

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Chloride	mg/l	124	100	225.2	235.2	101	111	80-120	4.3	20

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL..



QUALITY CONTROL DATA

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

QC Batch: IC/1541 Analysis Method: EPA 300.0
 QC Batch Method: EPA 300.0

Associated Lab Samples: H10100681008 H10100681009 H10100681010 H10100681011 H10100681013

METHOD BLANK: 81047

Analysis Date/Time Analyst: 11/08/2010 20:00 ESK

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Chloride	mg/l	ND		0.500

LABORATORY CONTROL SAMPLE: 81048

Analysis Date/Time Analyst: 11/08/2010 20:16 ESK

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Chloride	mg/l	10	9.037	90.4	85-115

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:81049 81050 Original: H10100681013

MS Analysis Date/Time Analyst: 11/08/2010 21:36 ESK

MSD Analysis Date/Time Analyst: 11/08/2010 22:08 ESK

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Chloride	mg/l	102	200	298.3	295.5	98.2	96.8	80-120	0.9	20

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



Legend

(S) - Indicates analyte is a surrogate

Qualifier	Qualifier Description
*	Recovery/RPD value outside QC limits
+	DCS Concentration
B	Analyte detected in the Method Blank
C	MTBE results were not confirmed by GCMS
D	Recovery out of range due to dilution
E	Results exceed calibration range
H	Exceeds holding time
I	Estimated value, between MDL and PQL (Florida)
J	Estimated value
JN	The analysis indicates the presence of an analyte
MI	Matrix Interference
N	Recovery outside of control limits
NC	Not Calculable (Sample Duplicate)
NC	Not Calculated - Sample concentration > 4 times the spike
ND	Not Detected at reporting Limits
P	Pesticide dual column results, greater then 25%
Q	Received past holding time
TNTC	Too numerous to count
U	Not Detected at reporting Limits



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
H10100681001	MW-26	SW-846 8015B DRO LVI	EXTO/2441	SW-846 8015B DRO LVI	GCSV/2134
H10100681002	MW-27	SW-846 8015B DRO LVI	EXTO/2441	SW-846 8015B DRO LVI	GCSV/2134
H10100681003	MW-23	SW-846 8015B DRO LVI	EXTO/2441	SW-846 8015B DRO LVI	GCSV/2134
H10100681004	MW-22	SW-846 8015B DRO LVI	EXTO/2441	SW-846 8015B DRO LVI	GCSV/2134
H10100681005	MW-13	SW-846 8015B DRO LVI	EXTO/2441	SW-846 8015B DRO LVI	GCSV/2134
H10100681006	MW-19	SW-846 8015B DRO LVI	EXTO/2441	SW-846 8015B DRO LVI	GCSV/2134
H10100681007	MW-14	SW-846 8015B DRO LVI	EXTO/2441	SW-846 8015B DRO LVI	GCSV/2134
H10100681008	MW-18	SW-846 8015B DRO LVI	EXTO/2441	SW-846 8015B DRO LVI	GCSV/2134
H10100681009	MW-12	SW-846 8015B DRO LVI	EXTO/2441	SW-846 8015B DRO LVI	GCSV/2134
H10100681010	DUP-2	SW-846 8015B DRO LVI	EXTO/2441	SW-846 8015B DRO LVI	GCSV/2134
H10100681011	SVE-10	SW-846 8015B DRO LVI	EXTO/2441	SW-846 8015B DRO LVI	GCSV/2134
H10100681013	MW-6	SW-846 8015B DRO LVI	EXTO/2441	SW-846 8015B DRO LVI	GCSV/2134
H10100681001	MW-26	SW-846 8015B GRO Gas	GCVW/2252	SW-846 8015B GRO Gas	GCVW/2253
H10100681002	MW-27	SW-846 8015B GRO Gas	GCVW/2252	SW-846 8015B GRO Gas	GCVW/2253
H10100681003	MW-23	SW-846 8015B GRO Gas	GCVW/2252	SW-846 8015B GRO Gas	GCVW/2253
H10100681004	MW-22	SW-846 8015B GRO Gas	GCVW/2252	SW-846 8015B GRO Gas	GCVW/2253
H10100681005	MW-13	SW-846 8015B GRO Gas	GCVW/2252	SW-846 8015B GRO Gas	GCVW/2253
H10100681001	MW-26	SW-846 5030	GCVW/2254	SW-846 8021B	GCVW/2255
H10100681002	MW-27	SW-846 5030	GCVW/2254	SW-846 8021B	GCVW/2255
H10100681003	MW-23	SW-846 5030	GCVW/2254	SW-846 8021B	GCVW/2255
H10100681004	MW-22	SW-846 5030	GCVW/2254	SW-846 8021B	GCVW/2255
H10100681005	MW-13	SW-846 5030	GCVW/2254	SW-846 8021B	GCVW/2255
H10100681014	Trip Blank	SW-846 5030	GCVW/2254	SW-846 8021B	GCVW/2255
H10100681006	MW-19	SW-846 8015B GRO Gas	GCVW/2256	SW-846 8015B GRO Gas	GCVW/2257
H10100681007	MW-14	SW-846 8015B GRO Gas	GCVW/2256	SW-846 8015B GRO Gas	GCVW/2257
H10100681010	DUP-2	SW-846 8015B GRO Gas	GCVW/2256	SW-846 8015B GRO Gas	GCVW/2257
H10100681011	SVE-10	SW-846 8015B GRO Gas	GCVW/2256	SW-846 8015B GRO Gas	GCVW/2257
H10100681013	MW-6	SW-846 8015B GRO Gas	GCVW/2256	SW-846 8015B GRO Gas	GCVW/2257



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: H10100681 : East Hobbs Junction

Project Number: EHJ 114-6400709

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
H10100681006	MW-19	SW-846 5030	GCVW/2258	SW-846 8021B	GCVW/2259
H10100681007	MW-14	SW-846 5030	GCVW/2258	SW-846 8021B	GCVW/2259
H10100681008	MW-18	SW-846 5030	GCVW/2258	SW-846 8021B	GCVW/2259
H10100681009	MW-12	SW-846 5030	GCVW/2258	SW-846 8021B	GCVW/2259
H10100681010	DUP-2	SW-846 5030	GCVW/2258	SW-846 8021B	GCVW/2259
H10100681011	SVE-10	SW-846 5030	GCVW/2258	SW-846 8021B	GCVW/2259
H10100681001	MW-26	EPA 300.0	IC/1538		
H10100681002	MW-27	EPA 300.0	IC/1538		
H10100681003	MW-23	EPA 300.0	IC/1538		
H10100681004	MW-22	EPA 300.0	IC/1538		
H10100681005	MW-13	EPA 300.0	IC/1538		
H10100681006	MW-19	EPA 300.0	IC/1538		
H10100681007	MW-14	EPA 300.0	IC/1538		
H10100681008	MW-18	SW-846 8015B GRO Gas	GCVW/2262	SW-846 8015B GRO Gas	GCVW/2263
H10100681009	MW-12	SW-846 8015B GRO Gas	GCVW/2262	SW-846 8015B GRO Gas	GCVW/2263
H10100681008	MW-18	SW-846 5030	GCVW/2266	SW-846 8021B	GCVW/2267
H10100681009	MW-12	SW-846 5030	GCVW/2266	SW-846 8021B	GCVW/2267
H10100681010	DUP-2	SW-846 5030	GCVW/2266	SW-846 8021B	GCVW/2267
H10100681013	MW-6	SW-846 5030	GCVW/2266	SW-846 8021B	GCVW/2267
H10100681008	MW-18	EPA 300.0	IC/1541		
H10100681009	MW-12	EPA 300.0	IC/1541		
H10100681010	DUP-2	EPA 300.0	IC/1541		
H10100681011	SVE-10	EPA 300.0	IC/1541		
H10100681013	MW-6	EPA 300.0	IC/1541		



Sample Receipt Checklist

WorkOrder:	H10100681	Received By	BAF
Date and Time	10/28/2010 09:28	Carrier Name:	FEDEXS
Temperature:	4.0,4.0,3.5°C	Chilled By:	Water Ice

Airbill - Temp: 872703743218-4.0C-50lb/872703743229-4.0C-50lb/872703743230-3.5C-50lb/

- Shipping container/cooler in good condition? YES
- Custody seals intact on shipping container/cooler? YES
- Custody seals intact on sample bottles? Not Present
- Chain of custody present? YES
- Chain of custody signed when relinquished and received? YES
- Chain of custody agrees with sample labels? NO
Sample MW-9 was not received Chain# 300585
- Samples in proper container/bottle? YES
- Samples containers intact? NO
2 vials for sample ID MW-26 received broken however 4 remain for analysis
- Sufficient sample volume for indicated test? YES
- All samples received within holding time? YES
- Container/Temp Blank temperature in compliance? YES
- Water - VOA vials have zero headspace? YES
- Water - Preservation checked upon receipt(except VOA*)? Not Applicable

*VOA Preservation Checked After Sample Analysis

SPL Representative:	Erica Cardenas	Contact Date & Time:	10/28/2010
Client Name Contacted:	Greg Pope		
Client Instructions:	Per client, MW-9 was not sampled.		



Analysis Request & Chain of Custody Record

SPL, Inc.



H10100681

300582

page 1 of 6

Client Name: Tetra Tech Address: 1410 N. Big Spring St City: MIDLAND State: TX Zip: 79705 Phone/Fax: 432 686 8021 Client Contact: G. POPE Email: Project Name/No.: 14-6400709 Site Name: EAS Site Location: HOBBS Invoice To:		matrix bottle size pres. W=water S=soil O=oil A=air SL=sludge E=encore X=other P=plastic A=amber glass G=glass V=vial X=other 1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other 1=HCl 2=HNO3 3=H2SO4 X=other Number of Containers BTex Gro Dro Cl 300	
Requested TAT <input type="checkbox"/> 1 Business Day <input type="checkbox"/> 2 Business Days <input type="checkbox"/> 3 Business Days <input type="checkbox"/> Other Rush TAT requires prior notice	Special Reporting Requirements <input type="checkbox"/> Standard QC <input type="checkbox"/> Level 3 QC <input type="checkbox"/> Level 4 QC <input type="checkbox"/> TX TRRP <input type="checkbox"/> LA RECAP <input type="checkbox"/> Contract <input type="checkbox"/> Standard	Results: Fax <input type="checkbox"/> Email <input type="checkbox"/> PDP <input type="checkbox"/> Special Detection Limits (specify): Contact? <input type="checkbox"/> Y <input type="checkbox"/> N Temp: <input type="checkbox"/> Y <input type="checkbox"/> N	Laboratory remarks: Client/Consultant Remarks:

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
MW-26	27-10-10	815	*		W	V	50	-	W	A
		815				V	50	-	W	A
		815				V	50	-	W	A
MW-27		825				V	50	-	W	A
		825				V	50	-	W	A
		825				V	50	-	W	A
MW-23	27-10-10	855			W	V	50	-	W	A

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Analysis Request & Chain of Custody Record

SPL, Inc.

SPL Workorder No.

300589

H10100681

page 2 of 6

Requested Analysis

Client Name: TETA Tech		Address: 1415 N. Bayland		City: Middletown		State: TX		Zip: 77055	
Phone/Fax: 432 636 3081		Client Contact: E. Holt		Project Name/No.: 114-64007001		Site Name: EHT		Site Location: AH885	
Invoice To:		SAMPLE ID		DATE		TIME		Ph: comp grab	
MW-23		27-10-10		855				A	
MW-23				855				A	
MW-22				915				A	
MW-13				930				A	
MW-13		27-10-10		930				A	

Client/Consultant Remarks: _____

Laboratory remarks: _____

Requested TAT: 1 Business Day Contract 2 Business Days Standard 3 Business Days Other _____

Rush TAT requires prior notice

Special Reporting Requirements Results: Fax Email PDF Special Detection Limits (specify): _____

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

1. Relinquished by Sampler: **SAOers** date: **27/10/10** time: **100**

2. Received by: _____ date: _____ time: _____

3. Relinquished by: _____ date: _____ time: _____

4. Received by: _____ date: _____ time: _____

5. Relinquished by: _____ date: **10/28/10** time: **928**

6. Received by Laboratory: _____ date: _____ time: _____

Intact? Y N Temp: Y N PNI review (initials): _____

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SPL, Inc.
 Analysis Request & Chain of Custody Record

SPL Workorder No. 300583
 Page 3 of 6

Client Name: TERRA Tech
 Address: 1910 N Big Sky State TX Zip 77055
 City: Middletown
 Phone/Fax: 432 626 2081
 Client Contact: G. Pate Email:
 Project Name/No.: 1/4-64 00709
 Site Name: EAS
 Site Location: H0885
 Invoice To:

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
MW-19	27-10-10	945			W	V	40	1	3	BTed Bro Dro CI
MW-14		947			W	V	40	1	3	
MW-12	27-10-10	955			W	V	40	1	3	

Client/Consultant Remarks: Laboratory remarks:

Requested TAT:
 1 Business Day Contract
 2 Business Days Standard
 3 Business Days
 Other

Rush TAT requires prior notice

Special Reporting Requirements Results: Fax Email PDR
 Standard QC Level 3 QC Level 4 QC TX TRAP LA RECAP

Special Detection Limits (specify):
 1. Relinquished by Sampler: SA Deems date 27-10-10 time 1:20
 2. Received by: date time
 3. Relinquished by: date time
 4. Received by: date time
 5. Relinquished by: date time
 6. Received by Laboratory: date time

Contact? Intact? Temp: PNI review (initials): BYBN

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SPL, Inc.
 Analysis Request & Chain of Custody Record

SPL Workorder No. 300584

Reported Analysis

410100681 page 4 of 6

Client Name:	Tetra Tech	Address:	1910 N. Gessner	City:	MN (LA)	State:	TX	Zip:	77055
Phone/Fax:	452 (836) 2081	Client Contact:	G. Pope	Project Name/No.:	1/4-640009	Site Name:	FA5	Site Location:	H8885
Invoice To:		Sample ID:		DATE:		TIME:		comp:	
Ph:		grab:		matrix:	W=water S=soil O=oil A=air SL=sludge E=encore 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:		Received by:		Received by:		Received by:		Received by:	
MW-12	271010	955							
MW-12		955							
MW-12		1005							
DUP-2		2000							
DUP-2	271010	0000							

Requested TAT: 1 Business Day Contract 2 Business Days Standard 3 Business Days Rush TAT requires prior notice

Special Reporting Requirements Results: Fax Email PDF LA RECAP

Special Detection Limits (specify):

Intact? Ice? Temp: PMA review (initial):

Client/Consultant Remarks: Laboratory remarks:

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SPL, Inc.
 Analysis Request & Chain of Custody Record

SPL Workorder No. 300554
 H10100681
 page 6 of 6

Client Name: Tetra Tech
 Address: 1410 N. B. St. State TX Zip 79105
 City: Midland
 Phone/Fax: 432 686 808
 Client Contact: G. Pope Email:
 Project Name/No.: 114-6400789
 Site Name: EAS
 Site Location: HOBBS
 Invoice To:

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
MW-6	271010	1045			W	V	40	1	3	Bed
					SL	V	40	1	3	Gro
						A	40	1	3	Gr
						V	40	1	3	Cl
MW-6	271010	1045			W	V	40	1	3	

Legend:
 W=water S=soil O=oil A=air
 SL=sludge E=encore X=other
 P=plastic A=amber glass
 G=glass V=vial X=other
 1=1 liter 4=4oz 40=vial
 8=8oz 16=16oz X=other
 1=HCl 2=HNO3
 3=H2SO4 X=other

Client/Consultant Remarks: _____
 Laboratory remarks: _____

Requested TAT:
 1 Business Day Contract
 2 Business Days Standard
 3 Business Days
 Other _____
 Rush TAT requires prior notice

Special Reporting Requirements Results:
 Standard QC Level 3 QC Level 4 QC TX TRRP LA RECAP

Special Detection Limits (specify): _____
 Intact? _____
 Temp: _____
 PVI review (initial): BYBN

1. Relinquished by Sampler: SAO date 271010 time 1030
 2. Received by: _____
 3. Relinquished by: _____ date _____ time _____
 4. Received by: _____
 5. Relinquished by: _____ date 102810 time 928
 6. Received by Laboratory: _____

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SPL, Inc.
Analysis Request & Chain of Custody Record

SPL Workorder No.

300589

110100681

page 2 of 5

Requested Analysis

Client Name: TEPA Tech
 Address: 1915 N. Big Spring State: TX Zip: 76105
 City: Mckinney
 Phone/Fax: 432 636 3081
 Client Contact: G. Pate Email:
 Project Name/No.: 114-6400709
 Site Name: EHS
 Site Location: ABBS
 Invoice To: SAMPLE ID DATE TIME comp grab Ph:
 MW-23 27-10-10 855
 MW-23 855
 MW-22 915
 MW-13 930
 MW-13 27-10-10 930

matrix bottle size pres. Number of Containers
 W=water S=soil O=oil A=air A=amber glass
 SL=sludge E=encore X=other G=glass V=vial X=other
 P=plastic 1=1 liter 4=4oz 40=vial
 8=8oz 16=16oz X=other
 1=HC1 2=HNO3
 3=H2SO4 X=other

Requested TAT
 1 Business Day Contract
 2 Business Days Standard
 3 Business Days
 Other
 Rush TAT requires prior notice

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

1. Relinquished by Sampler: SA Dees date 27 10 10 time 100
 2. Received by: [Signature]
 3. Relinquished by: date 10 28 10 time 928
 4. Received by: [Signature]
 5. Relinquished by: date 10 28 10 time 928
 6. Received by Laboratory: [Signature]

Intact? Y N
 Ice? Y N
 Temp: Y N
 PM review (initial): [Initials]

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SPL, Inc.
Analysis Request & Chain of Custody Record

SPL Workorder No.

300583

H10100681

page 3 of 6

Requested Analysis

Client Name: VERA TEL
 Address: 1910 N Big Springs State TX Zip 75053
 City Mishawaka
 Phone/Fax: 432 636 8081
 Client Contact: G-Pole Email:
 Project Name/No.: 114-64 00709
 Site Name: FAI
 Site Location: HOBBS
 Invoice To:

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

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
MW-19	27-6-10	945		A	W	V	40	1	3	Bred
										Gro
										Oro
										C1
MW-14		947			W	V	40	1	3	
MW-12	27-10-10	955		A	W	V	40	1	3	

Client/Consultant Remarks: _____
 Laboratory remarks: _____
 Intact? Y N
 Ice? Y N
 Temp: _____
 P/M review (initial): _____

Requested TAT

1 Business Day Contract
 2 Business Days Standard
 3 Business Days
 Other _____

Rush TAT requires prior notice

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

1. Relinquished by Sampler: SA Deems date 27-10-10 time 1:00
 2. Received by: _____
 3. Relinquished by: _____ date _____ time _____
 4. Received by: _____
 5. Relinquished by: _____ date 10/28/10 time 9:28
 6. Received by Laboratory: _____

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SPL, Inc.
Analysis Request & Chain of Custody Record

SPL Workorder No.

300584

410100681

page 4 of 6

Requested Analysis

Client Name: TETRA Tech

Address: 1910 N Big Springs

City: Midland State TX Zip 79705

Phone/Fax: 432 686 2081

Client Contact: G Pope Email:

Project Name/No.: 1/4-6400709

Site Name: EAS

Site Location: K0083

Invoice To: SAMPLE ID DATE TIME comp grab Ph:

MM-12 271010 955

MM-12 955

MM-12 1005

DUP-2 271010 0000

DUP-2 2000

DUP-2 2000

DUP-2 2000

DUP-2 2000

DUP-2 2000

DUP-2 2000

DUP-2 2000

DUP-2 2000

DUP-2 2000

DUP-2 2000

DUP-2 2000

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DUP-2 2000

DUP-2 2000

DUP-2 2000

DUP-2 2000

DUP-2 2000

DUP-2 2000

DUP-2 2000

DUP-2 2000

DUP-2 2000

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

BTex
Gro
Dro
Cl 300

Client/Consultant Remarks: Laboratory remarks: Intact? Ice? Temp: P M Y N

Requested TAT

- 1 Business Day Contract
2 Business Days Standard
3 Business Days Standard
Other
Rush TAT requires prior notice

Special Reporting Requirements Results:

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

Special Detection Limits (specify):

- 1. Relinquished by Sampler: SARRS
3. Relinquished by:
5. Relinquished by: date time

Received by:

- 2. Received by: date time
4. Received by: date time
6. Received by Laboratory: date time

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SPL, Inc.
Analysis Request & Chain of Custody Record

SPL Workorder No.

300554

H10100681 page 6 of 6

Requested Analysis

Client Name: **Tetra Tech**

Address: **1910 N Bessing**

City: **Middletown** State: **TX** Zip: **74608**

Phone/Fax: **432 686 808**

Client Contact: **G Pope** Email:

Project Name/No.: **1/4-6400709**

Site Name: **E#5**

Site Location: **HOBBS**

Invoice To: **SAMPLE ID**

DATE TIME comp grab

Matrix bottle size pres. Number of Containers

W=water S=soil O=oil A=air SL=sludge E=encore X=other

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

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

1=HC1 2=HNO3 3=H2SO4 X=other

Requested TAT

1 Business Day Contract

2 Business Days Standard

3 Business Days

Other

Rush TAT requires prior notice

Special Reporting Requirements Results: Fax Email PDF

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

1. Relinquished by Sampler: **SAO** date: **271010** time: **100**

3. Relinquished by: date: time:

5. Relinquished by: date: time:

2. Received by: **BTel**

4. Received by: **Gro**

6. Received by Laboratory: **AO**

Infect? Y N

Ice? Y N

Temp: Y N

PM review (initial):

Client/Consultant Remarks:

Laboratory remarks:

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Certificate of Analysis

February 11, 2011

Workorder: H11010414

Greg W Pope, PG
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Project: East Hobbs Junction
Project Number: 114-6400787
Site: East Hobbs Junction, Hobbs, NM
PO Number: 4511063196
NELAC Cert. No.: T104704205-09-3

This Report Contains A Total Of 76 Pages

Excluding Any Attachments



Certificate of Analysis

February 11, 2011

Workorder: H11010414

Greg W Pope, PG
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Project: East Hobbs Junction
Project Number: 114-6400787
Site: East Hobbs Junction, Hobbs, NM
PO Number: 4511063196
NELAC Cert. No.: T104704205-09-3

I. SAMPLE RECEIPT:

All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

Received DUP sample but not listed on chain. Logged in with analysis.

Received one liter broken for the requested DRO analysis for MW-25. SPL continued with analysis with extra container.

II: ANALYSES AND EXCEPTIONS:

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.

SW8015 - Diesel Range Organics analysis:

Due to limited sample volume, a Matrix Spike (MS) or Matrix Spike Duplicate (MSD) was not analyzed with Batch IDs: EXTO/2649 and EXTO/2650. 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.

IC - Ion Chromatography:

Sample IDs "MW-25" (SPL ID: H11010414004) for Batch ID IC/1627 and "DUP" (SPL ID: H11010414022) for Batch ID IC/1628 were randomly selected for use in SPL's quality control program. The Matrix Spike (MS) and Matrix Spike Duplicate (MSD) recoveries were outside of the advisable quality control limits for Chloride 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.

III. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report (" mg/kg-dry " or " ug/kg-dry ").



Certificate of Analysis

February 11, 2011

Workorder: H11010414

Greg W Pope, PG
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Project: East Hobbs Junction
Project Number: 114-6400787
Site: East Hobbs Junction, Hobbs, NM
PO Number: 4511063196
NELAC Cert. No.: T104704205-09-3

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.

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.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or by his designee, as verified by the following signature.

Erica Cardenas, Senior Project Manager

Enclosures



SAMPLE SUMMARY

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID	Sample ID	Matrix	COC ID	Date/Time Collected	Date/Time Received
H11010414001	MW-21	Water		1/25/2011 12:35	1/27/2011 09:10
H11010414002	MW-16	Water		1/25/2011 12:52	1/27/2011 09:10
H11010414003	MW-20	Water		1/25/2011 13:07	1/27/2011 09:10
H11010414004	MW-25	Water		1/25/2011 13:31	1/27/2011 09:10
H11010414005	MW-24	Water		1/25/2011 13:47	1/27/2011 09:10
H11010414006	MW-15	Water		1/25/2011 14:05	1/27/2011 09:10
H11010414007	MW-4	Water		1/25/2011 14:21	1/27/2011 09:10
H11010414008	MW-5	Water		1/25/2011 14:33	1/27/2011 09:10
H11010414009	MW-26	Water		1/26/2011 08:29	1/27/2011 09:10
H11010414010	MW-27	Water		1/26/2011 08:53	1/27/2011 09:10
H11010414011	MW-23	Water		1/26/2011 09:09	1/27/2011 09:10
H11010414012	MW-22	Water		1/26/2011 09:25	1/27/2011 09:10
H11010414013	MW-13	Water		1/26/2011 09:45	1/27/2011 09:10
H11010414014	MW-19	Water		1/26/2011 09:57	1/27/2011 09:10
H11010414015	MW-14	Water		1/26/2011 10:22	1/27/2011 09:10
H11010414016	MW-18	Water		1/26/2011 09:34	1/27/2011 09:10
H11010414017	MW-12	Water		1/26/2011 10:52	1/27/2011 09:10
H11010414018	SVE-10	Water		1/26/2011 11:10	1/27/2011 09:10
H11010414019	MW-6	Water		1/26/2011 11:22	1/27/2011 09:10
H11010414020	Dup#2	Water		1/26/2011 00:00	1/27/2011 09:10
H11010414022	DUP	Water		1/25/2011 00:00	1/27/2011 09:10
H11010414023	Trip Blank 01/17/2011	Water		1/26/2011 00:00	1/27/2011 09:10



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414001
 Sample ID: MW-21

Date/Time Received: 1/27/2011 09:10 Matrix: Water
 Date/Time Collected: 1/25/2011 12:35

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2410 SW-846 8021B on 01/28/2011 21:14 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		2410
Ethylbenzene	ND		1.0	0.22	1		2410
Toluene	ND		1.0	0.19	1		2410
m,p-Xylene	ND		1.0	0.29	1		2410
o-Xylene	ND		1.0	0.21	1		2410
Xylenes, Total	ND		1.0	0.21	1		2410
1,4-Difluorobenzene (S)	97.6 %		70-130		1		2410
4-Bromofluorobenzene (S)	96.3 %		70-130		1		2410
Preservation pH	<2				1		2410

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2428 SW-846 8015B GRO Gas on 02/02/2011 07:00 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND		0.10	0.017	1		2428
1,4-Difluorobenzene (S)	97.3 %		60-155		1		2428
4-Bromofluorobenzene (S)	97.3 %		50-158		1		2428

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO Preparation Batches:
 Batch: 2649 SW-846 3510C on 01/28/2011 13:09 by MB2
 Analytical Batches:
 Batch: 2321 SW-846 8015B DRO on 01/31/2011 12:27 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics (DRO)	ND		0.21	0.021	1		2649 2321
n-Pentacosane (S)	79.8 %		20-154		1		2649 2321

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ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414001

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-21

Date/Time Collected: 1/25/2011 12:35

Analysis Desc: EPA 300.0		Analytical Batches:						Batch Information	
		Batch: 1627 EPA 300.0 on 01/31/2011 13:21 by ESK						Prep	Analysis
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt			
	mg/l								
Chloride	926		50.0	12.6	100			1627	



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414002

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-16

Date/Time Collected: 1/25/2011 12:52

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2410 SW-846 8021B on 01/28/2011 22:38 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		2410
Ethylbenzene	ND		1.0	0.22	1		2410
Toluene	ND		1.0	0.19	1		2410
m,p-Xylene	ND		1.0	0.29	1		2410
o-Xylene	ND		1.0	0.21	1		2410
Xylenes, Total	ND		1.0	0.21	1		2410
1,4-Difluorobenzene (S)	97.7 %		70-130		1		2410
4-Bromofluorobenzene (S)	95.8 %		70-130		1		2410
Preservation pH	<2				1		2410

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2428 SW-846 8015B GRO Gas on 02/02/2011 13:25 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND		0.10	0.017	1		2428
1,4-Difluorobenzene (S)	98.7 %		60-155		1		2428
4-Bromofluorobenzene (S)	100 %		50-158		1		2428

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO Preparation Batches:
 Batch: 2649 SW-846 3510C on 01/28/2011 13:09 by MB2
 Analytical Batches:
 Batch: 2321 SW-846 8015B DRO on 01/31/2011 12:57 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics (DRO)	ND		0.20	0.021	1		2649 2321
n-Pentacosane (S)	91.4 %		20-154		1		2649 2321

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ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414002

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-16

Date/Time Collected: 1/25/2011 12:52

Analysis Desc: EPA 300.0		Analytical Batches:						
		Batch: 1627 EPA 300.0 on 01/31/2011 14:10 by ESK						
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	Reg Limit	Batch Information Prep Analysis	
Chloride	145		5.00	1.26	10		1627	



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414003

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-20

Date/Time Collected: 1/25/2011 13:07

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						
		Batch: 2410 SW-846 8021B on 01/28/2011 23:06 by NNM						
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt	Batch Information	
	ug/l						Prep	Analysis
Benzene	ND		1.0	0.32	1			2410
Ethylbenzene	ND		1.0	0.22	1			2410
Toluene	ND		1.0	0.19	1			2410
m,p-Xylene	ND		1.0	0.29	1			2410
o-Xylene	ND		1.0	0.21	1			2410
Xylenes, Total	ND		1.0	0.21	1			2410
1,4-Difluorobenzene (S)	98.2 %		70-130		1			2410
4-Bromofluorobenzene (S)	96 %		70-130		1			2410
Preservation pH	<2				1			2410

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						
		Batch: 2428 SW-846 8015B GRO Gas on 02/02/2011 12:57 by NNM						
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l						Prep	Analysis
Gasoline Range Organics	ND		0.10	0.017	1			2428
1,4-Difluorobenzene (S)	99.9 %		60-155		1			2428
4-Bromofluorobenzene (S)	101 %		50-158		1			2428

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO		Preparation Batches:						
		Batch: 2649 SW-846 3510C on 01/28/2011 13:09 by MB2						
		Analytical Batches:						
		Batch: 2321 SW-846 8015B DRO on 01/31/2011 13:17 by NDW						
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l						Prep	Analysis
Diesel Range Organics (DRO)	ND		0.21	0.021	1		2649	2321
n-Pentacosane (S)	98.3 %		20-154		1		2649	2321

WET CHEMISTRY



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414003

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-20

Date/Time Collected: 1/25/2011 13:07

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1627 EPA 300.0 on 01/31/2011 14:26 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	Reg Limit	Prep Analysis
Chloride	125		5.00	1.26	10		1627



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414004

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-25

Date/Time Collected: 1/25/2011 13:31

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2418 SW-846 8021B on 01/29/2011 01:13 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		2418
Ethylbenzene	ND		1.0	0.22	1		2418
Toluene	ND		1.0	0.19	1		2418
m,p-Xylene	ND		1.0	0.29	1		2418
o-Xylene	ND		1.0	0.21	1		2418
Xylenes, Total	ND		1.0	0.21	1		2418
1,4-Difluorobenzene (S)	98.4 %		70-130		1		2418
4-Bromofluorobenzene (S)	99.2 %		70-130		1		2418
Preservation pH	<2				1		2418

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2420 SW-846 8015B GRO Gas on 01/29/2011 01:13 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND		0.10	0.017	1		2420
1,4-Difluorobenzene (S)	101 %		60-155		1		2420
4-Bromofluorobenzene (S)	102 %		50-158		1		2420

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO Preparation Batches:
 Batch: 2649 SW-846 3510C on 01/28/2011 13:09 by MB2
 Analytical Batches:
 Batch: 2321 SW-846 8015B DRO on 01/31/2011 13:38 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics (DRO)	ND		0.20	0.021	1		2649 2321
n-Pentacosane (S)	103 %		20-154		1		2649 2321

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ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414004

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-25

Date/Time Collected: 1/25/2011 13:31

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1627 EPA 300.0 on 01/31/2011 14:42 by:ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	132		5.00	1.26	10		1627



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414005

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-24

Date/Time Collected: 1/25/2011 13:47

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches						
Batch: 2418 SW-846 8021B on 01/29/2011 03:32 by NNM								
Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	ug/l	Qual					Prep	Analysis
Benzene	ND		1.0	0.32	1			2418
Ethylbenzene	ND		1.0	0.22	1			2418
Toluene	ND		1.0	0.19	1			2418
m,p-Xylene	ND		1.0	0.29	1			2418
o-Xylene	ND		1.0	0.21	1			2418
Xylenes, Total	ND		1.0	0.21	1			2418
1,4-Difluorobenzene (S)	100 %		70-130		1			2418
4-Bromofluorobenzene (S)	100 %		70-130		1			2418
Preservation pH	<2				1			2418

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches						
Batch: 2420 SW-846 8015B GRO Gas on 01/29/2011 03:32 by NNM								
Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Gasoline Range Organics	0.15		0.10	0.017	1			2420
1,4-Difluorobenzene (S)	104 %		60-155		1			2420
4-Bromofluorobenzene (S)	103 %		50-158		1			2420

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO		Preparation Batches:						
Batch: 2649 SW-846 3510C on 01/28/2011 13:09 by MB2								
		Analytical Batches:						
Batch: 2321 SW-846 8015B DRO on 01/31/2011 13:58 by NDW								
Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l	Qual					Prep	Analysis
Diesel Range Organics (DRO)	0.41		0.21	0.021	1		2649	2321
n-Pentacosane (S)	94.4 %		20-154		1		2649	2321

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ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414005

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-24

Date/Time Collected: 1/25/2011 13:47

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1627 - EPA 300.0 on 01/31/2011 15:30 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	218		10.0	2.52	20		1627



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414006

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-15

Date/Time Collected: 1/25/2011 14:05

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						Batch Information	
		Batch: 2418 SW-846 8021B on 01/29/2011 04:00 by NNM						Prep	Analysis
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt			
	ug/l								
Benzene	ND		1.0	0.32	1			2418	
Ethylbenzene	ND		1.0	0.22	1			2418	
Toluene	ND		1.0	0.19	1			2418	
m,p-Xylene	ND		1.0	0.29	1			2418	
o-Xylene	ND		1.0	0.21	1			2418	
Xylenes, Total	ND		1.0	0.21	1			2418	
1,4-Difluorobenzene (S)	98.4 %		70-130		1			2418	
4-Bromofluorobenzene (S)	99.3 %		70-130		1			2418	
Preservation pH	<2				1			2418	

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						Batch Information	
		Batch: 2420 SW-846 8015B GRO Gas on 01/29/2011 04:00 by NNM						Prep	Analysis
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt			
	mg/l								
Gasoline Range Organics	ND		0.10	0.017	1			2420	
1,4-Difluorobenzene (S)	101 %		60-155		1			2420	
4-Bromofluorobenzene (S)	104 %		50-158		1			2420	

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO		Preparation Batches:						Batch Information	
		Batch: 2649 SW-846 3510C on 01/28/2011 13:09 by MB2						Prep	Analysis
		Analytical Batches:							
		Batch: 2321 SW-846 8015B DRO on 01/31/2011 14:18 by NDW							
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt			
	mg/l								
Diesel Range Organics (DRO)	3.5		0.22	0.022	1		2649	2321	
n-Pentacosane (S)	98.1 %		20-154		1		2649	2321	

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ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414006

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-15

Date/Time Collected: 1/25/2011 14:05

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1627 EPA 300.0 on 01/31/2011 15:46 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	185		10.0	2.52	20		1627



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414007

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-4

Date/Time Collected: 1/25/2011 14:21

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						Batch Information	
		Batch: 2418 SW-846 8021B on 01/29/2011 05:52 by NNM						Prep	Analysis
Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information		
	ug/l	Qual					Prep	Analysis	
Benzene	ND		1.0	0.32	1			2418	
Ethylbenzene	ND		1.0	0.22	1			2418	
Toluene	ND		1.0	0.19	1			2418	
m,p-Xylene	ND		1.0	0.29	1			2418	
o-Xylene	ND		1.0	0.21	1			2418	
Xylenes, Total	ND		1.0	0.21	1			2418	
1,4-Difluorobenzene (S)	97.2 %		70-130		1			2418	
4-Bromofluorobenzene (S)	99 %		70-130		1			2418	
Preservation pH	<2				1			2418	

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						Batch Information	
		Batch: 2420 SW-846 8015B GRO Gas on 01/29/2011 05:52 by NNM						Prep	Analysis
Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information		
	mg/l	Qual					Prep	Analysis	
Gasoline Range Organics	ND		0.10	0.017	1			2420	
1,4-Difluorobenzene (S)	100 %		60-155		1			2420	
4-Bromofluorobenzene (S)	102 %		50-158		1			2420	

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO		Preparation Batches:						Batch Information	
		Batch: 2649 SW-846 3510C on 01/28/2011 13:09 by MB2						Prep	Analysis
		Analytical Batches:						Prep	Analysis
		Batch: 2321 SW-846 8015B DRO on 01/31/2011 15:39 by NDW						Prep	Analysis
Parameters	Results		Report Limit	MDL	DF	RegLmt	Batch Information		
	mg/l	Qual					Prep	Analysis	
Diesel Range Organics (DRO)	ND		0.21	0.021	1		2649	2321	
n-Pentacosane (S)	86.8 %		20-154		1		2649	2321	

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ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414007

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-4

Date/Time Collected: 1/25/2011 14:21

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1627 EPA 300.0 on 01/31/2011 16:03 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	73.3		5.00	1.26	10		1627



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414008

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-5

Date/Time Collected: 1/25/2011 14:33

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						
		Batch: 2418 SW-846 8021B on 01/29/2011 06:20 by NNM						
Parameters	Results			MDL	DF	RegLmt	Batch Information	
	ug/l	Qual	Report Limit				Prep	Analysis
Benzene	ND		1.0	0.32	1			2418
Ethylbenzene	ND		1.0	0.22	1			2418
Toluene	ND		1.0	0.19	1			2418
m,p-Xylene	ND		1.0	0.29	1			2418
o-Xylene	ND		1.0	0.21	1			2418
Xylenes, Total	ND		1.0	0.21	1			2418
1,4-Difluorobenzene (S)	99.5 %		70-130		1			2418
4-Bromofluorobenzene (S)	101 %		70-130		1			2418
Preservation pH	<2				1			2418

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						
		Batch: 2420 SW-846 8015B GRO Gas on 01/29/2011 06:20 by NNM						
Parameters	Results			MDL	DF	RegLmt	Batch Information	
	mg/l	Qual	Report Limit				Prep	Analysis
Gasoline Range Organics	ND		0.10	0.017	1			2420
1,4-Difluorobenzene (S)	101 %		60-155		1			2420
4-Bromofluorobenzene (S)	102 %		50-158		1			2420

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO		Preparation Batches:						
		Batch: 2650 SW-846 3510C on 01/28/2011 15:01 by MB2						
		Analytical Batches:						
		Batch: 2326 SW-846 8015B DRO on 02/01/2011 14:16 by NDW						
Parameters	Results			MDL	DF	RegLmt	Batch Information	
	mg/l	Qual	Report Limit				Prep	Analysis
Diesel Range Organics (DRO)	ND		0.21	0.021	1		2650	2326
n-Pentacosane (S)	88.1 %		20-154		1		2650	2326

WET CHEMISTRY



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414008

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-5

Date/Time Collected: 1/25/2011 14:33

Analysis Desc: EPA 300.0		Analytical Batches:						Batch Information	
		Batch: 1627 EPA 300.0 on 01/31/2011 16:19 by ESK						Prep	Analysis
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt			
Chloride	90.1		5.00	1.26	10		1627		



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414009

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-26

Date/Time Collected: 1/26/2011 08:29

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 2418 SW-846 8021B on 01/29/2011 06:47 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		2418
Ethylbenzene	ND		1.0	0.22	1		2418
Toluene	ND		1.0	0.19	1		2418
m,p-Xylene	ND		1.0	0.29	1		2418
o-Xylene	ND		1.0	0.21	1		2418
Xylenes, Total	ND		1.0	0.21	1		2418
1,4-Difluorobenzene (S)	97.6 %		70-130		1		2418
4-Bromofluorobenzene (S)	99.5 %		70-130		1		2418
Preservation pH	<2				1		2418

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas

SW-846 8015B GRO Gas Analytical Batches:

Batch: 2420 SW-846 8015B GRO Gas on 01/29/2011 06:47 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND		0.10	0.017	1		2420
1,4-Difluorobenzene (S)	100 %		60-155		1		2420
4-Bromofluorobenzene (S)	102 %		50-158		1		2420

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO

Preparation Batches:

Batch: 2650 SW-846 3510C on 01/28/2011 15:02 by MB2

Analytical Batches:

Batch: 2326 SW-846 8015B DRO on 02/01/2011 14:36 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics (DRO)	ND		0.21	0.021	1		2650 2326
n-Pentacosane (S)	87.1 %		20-154		1		2650 2326

WET CHEMISTRY



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414009

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-26

Date/Time Collected: 1/26/2011 08:29

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1627 EPA 300.0 on 01/31/2011 16:35 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep. Analysis
Chloride	146		5.00	1.26	10		1627



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414010

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-27

Date/Time Collected: 1/26/2011 08:53

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2410 SW-846 8021B on 01/28/2011 15:38 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	7.8		1.0	0.32	1		2410
Ethylbenzene	ND		1.0	0.22	1		2410
Toluene	ND		1.0	0.19	1		2410
m,p-Xylene	ND		1.0	0.29	1		2410
o-Xylene	ND		1.0	0.21	1		2410
Xylenes, Total	ND		1.0	0.21	1		2410
1,4-Difluorobenzene (S)	98.1 %		70-130		1		2410
4-Bromofluorobenzene (S)	96.3 %		70-130		1		2410
Preservation pH	<2				1		2410

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2432 SW-846 8015B GRO Gas on 02/03/2011 21:19 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND		0.10	0.017	1		2432
1,4-Difluorobenzene (S)	102 %		60-155		1		2432
4-Bromofluorobenzene (S)	102 %		50-158		1		2432

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO Preparation Batches:
 Batch: 2650 SW-846 3510C on 01/28/2011 15:02 by MB2
 Analytical Batches:
 Batch: 2326 SW-846 8015B DRO on 02/01/2011 14:56 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics (DRO)	ND		0.21	0.021	1		2650 2326
n-Pentacosane (S)	92.7 %		20-154		1		2650 2326

WET CHEMISTRY



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ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414010

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-27

Date/Time Collected: 1/26/2011 08:53

Analysis Desc: EPA 300.0		Analytical Batches:						
		Batch: 1627 EPA 300.0 on 01/31/2011 17:23 by ESK						
Parameters	Results	Qual	Report Limit	MDL	DF	Reg.Lmt	Batch Information	
	mg/l						Prep	Analysis
Chloride	127		5.00	1.26	10			1627



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414011

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-23

Date/Time Collected: 1/26/2011 09:09

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2418 SW-846 8021B on 01/29/2011 07:43 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		2418
Ethylbenzene	ND		1.0	0.22	1		2418
Toluene	ND		1.0	0.19	1		2418
m,p-Xylene	ND		1.0	0.29	1		2418
o-Xylene	ND		1.0	0.21	1		2418
Xylenes, Total	ND		1.0	0.21	1		2418
1,4-Difluorobenzene (S)	98.1 %		70-130		1		2418
4-Bromofluorobenzene (S)	99.4 %		70-130		1		2418
Preservation pH	<2				1		2418

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2420 SW-846 8015B GRO Gas on 01/29/2011 07:43 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND		0.10	0.017	1		2420
1,4-Difluorobenzene (S)	100 %		60-155		1		2420
4-Bromofluorobenzene (S)	102 %		50-158		1		2420

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO Preparation Batches:
 Batch: 2650 SW-846 3510C on 01/28/2011 15:02 by MB2
 Analytical Batches:
 Batch: 2326 SW-846 8015B DRO on 02/01/2011 15:16 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics (DRO)	ND		0.20	0.021	1		2650 2326
n-Pentacosane (S)	84.4 %		20-154		1		2650 2326

WET CHEMISTRY



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414011

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-23

Date/Time Collected: 1/26/2011 09:09

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1627 EPA 300.0 on 01/31/2011 17:39 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	63.2		2.50	0.630	5		1627



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414012
 Sample ID: MW-22

Date/Time Received: 1/27/2011 09:10 Matrix: Water
 Date/Time Collected: 1/26/2011 09:25

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						Batch Information	
		Batch: 2418 - SW-846 8021B on 01/29/2011 08:11 by NNM						Prep	Analysis
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt			
	ug/l								
Benzene	ND		1.0	0.32	1			2418	
Ethylbenzene	ND		1.0	0.22	1			2418	
Toluene	ND		1.0	0.19	1			2418	
m,p-Xylene	ND		1.0	0.29	1			2418	
o-Xylene	ND		1.0	0.21	1			2418	
Xylenes, Total	ND		1.0	0.21	1			2418	
1,4-Difluorobenzene (S)	98.2 %		70-130		1			2418	
4-Bromofluorobenzene (S)	99.1 %		70-130		1			2418	
Preservation pH	<2				1			2418	

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						Batch Information	
		Batch: 2420 - SW-846 8015B GRO Gas on 01/29/2011 08:11 by NNM						Prep	Analysis
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt			
	mg/l								
Gasoline Range Organics	ND		0.10	0.017	1			2420	
1,4-Difluorobenzene (S)	99.3 %		60-155		1			2420	
4-Bromofluorobenzene (S)	102 %		50-158		1			2420	

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO		Preparation Batches:						Batch Information	
		Batch: 2650 - SW-846 3510C on 01/28/2011 15:02 by MB2						Prep	Analysis
		Analytical Batches:							
		Batch: 2326 - SW-846 8015B DRO on 02/01/2011 15:36 by NDW						Prep	Analysis
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt			
	mg/l								
Diesel Range Organics (DRO)	ND		0.21	0.021	1		2650	2326	
n-Pentacosane (S)	83.5 %		20-154		1		2650	2326	

WET CHEMISTRY



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ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414012

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-22

Date/Time Collected: 1/26/2011 09:25

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1627 EPA 300.0 on 01/31/2011 17:56 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	87.6		5.00	1.26	10		1627



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414013

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-13

Date/Time Collected: 1/26/2011 09:45

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						Batch Information	
		Batch: 2418 SW-846 8021B on 01/29/2011 08:39 by NNM						Prep	Analysis
Parameters	Results ug/l	Qual	Report Limit	MDL	DF	RegLmt			
Benzene	ND		1.0	0.32	1		2418		
Ethylbenzene	ND		1.0	0.22	1		2418		
Toluene	ND		1.0	0.19	1		2418		
m,p-Xylene	ND		1.0	0.29	1		2418		
o-Xylene	ND		1.0	0.21	1		2418		
Xylenes, Total	ND		1.0	0.21	1		2418		
1,4-Difluorobenzene (S)	97.3 %		70-130		1		2418		
4-Bromofluorobenzene (S)	98.9 %		70-130		1		2418		
Preservation pH	<2				1		2418		

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						Batch Information	
		Batch: 2420 SW-846 8015B GRO Gas on 01/29/2011 08:39 by NNM						Prep	Analysis
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt			
Gasoline Range Organics	ND		0.10	0.017	1		2420		
1,4-Difluorobenzene (S)	101 %		60-155		1		2420		
4-Bromofluorobenzene (S)	102 %		50-158		1		2420		

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO		Preparation Batches:						Batch Information	
		Batch: 2650 SW-846 3510C on 01/28/2011 15:02 by MB2						Prep	Analysis
		Analytical Batches:							
		Batch: 2326 SW-846 8015B DRO on 02/01/2011 15:56 by NDW						Prep	Analysis
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt			
Diesel Range Organics (DRO)	ND		0.20	0.021	1		2650	2326	
n-Pentacosane (S)	69.6 %		20-154		1		2650	2326	

WET CHEMISTRY



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414013

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-13

Date/Time Collected: 1/26/2011 09:45

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1627 EPA 300.0 on 01/31/2011 18:12 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	74.9		2.50	0.630	5		1627



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414014
 Sample ID: MW-19

Date/Time Received: 1/27/2011 09:10 Matrix: Water
 Date/Time Collected: 1/26/2011 09:57

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						
		Batch: 2418 SW-846 8021B on 01/29/2011 07:15 by NNM						
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt	Batch Information	
	ug/l						Prep	Analysis
Benzene	ND		1.0	0.32	1			2418
Ethylbenzene	ND		1.0	0.22	1			2418
Toluene	ND		1.0	0.19	1			2418
m,p-Xylene	ND		1.0	0.29	1			2418
o-Xylene	ND		1.0	0.21	1			2418
Xylenes, Total	ND		1.0	0.21	1			2418
1,4-Difluorobenzene (S)	97.9 %		70-130		1			2418
4-Bromofluorobenzene (S)	99.9 %		70-130		1			2418
Preservation pH	<2				1			2418

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						
		Batch: 2420 SW-846 8015B GRO Gas on 01/29/2011 07:15 by NNM						
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l						Prep	Analysis
Gasoline Range Organics	ND		0.10	0.017	1			2420
1,4-Difluorobenzene (S)	100 %		60-155		1			2420
4-Bromofluorobenzene (S)	102 %		50-158		1			2420

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO		Preparation Batches:						
		Batch: 2650 SW-846 3510C on 01/28/2011 15:02 by MB2						
		Analytical Batches:						
		Batch: 2326 SW-846 8015B DRO on 02/01/2011 16:17 by NDW						
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l						Prep	Analysis
Diesel Range Organics (DRO)	ND		0.22	0.023	1		2650	2326
n-Pentacosane (S)	83 %		20-154		1		2650	2326

WET CHEMISTRY



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414014

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-19

Date/Time Collected: 1/26/2011 09:57

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1628 EPA 300.0 on 01/31/2011 19:00 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	174		10.0	2.52	20		1628



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414015

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-14

Date/Time Collected: 1/26/2011 10:22

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2426 SW-846 8021B on 02/02/2011 05:38 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		2426
Ethylbenzene	ND		1.0	0.22	1		2426
Toluene	ND		1.0	0.19	1		2426
m,p-Xylene	ND		1.0	0.29	1		2426
o-Xylene	ND		1.0	0.21	1		2426
Xylenes, Total	ND		1.0	0.21	1		2426
1,4-Difluorobenzene (S)	99.1 %		70-130		1		2426
4-Bromofluorobenzene (S)	96 %		70-130		1		2426
Preservation pH	<2				1		2426

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2428 SW-846 8015B GRO Gas on 02/02/2011 05:38 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	ND		0.10	0.017	1		2428
1,4-Difluorobenzene (S)	98.3 %		60-155		1		2428
4-Bromofluorobenzene (S)	95.3 %		50-158		1		2428

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO Preparation Batches:
 Batch: 2650 SW-846 3510C on 01/28/2011 15:03 by MB2
 Analytical Batches:
 Batch: 2326 SW-846 8015B DRO on 02/01/2011 17:37 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics (DRO)	ND		0.21	0.021	1		2650 2326
n-Pentacosane (S)	82.6 %		20-154		1		2650 2326

WET CHEMISTRY



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414015

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-14

Date/Time Collected: 1/26/2011 10:22

Parameters	Analytical Batches:						Batch Information	
	Results	Qual	Report Limit	MDL	DF	RegLim	Prep	Analysis
Chloride	216		10.0	2.52	20			1628



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414016
 Sample ID: MW-18

Date/Time Received: 1/27/2011 09:10 Matrix: Water
 Date/Time Collected: 1/26/2011 09:34

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						
		Batch: 2434 SW-846 8021B on 02/03/2011 23:10 by NNM DF = 10						
		Batch: 2440 SW-846 8021B on 02/07/2011 17:48 by NNM DF = 50						
Parameters	Results			MDL	DF	RegLmt	Batch Information	
	ug/l	Qual	Report Limit				Prep	Analysis
Benzene	4100		50	16	50			2440
Ethylbenzene	110		10	2.2	10			2434
Toluene	ND		10	1.9	10			2434
m,p-Xylene	92		10	2.9	10			2434
o-Xylene	62		10	2.1	10			2434
Xylenes, Total	154		10	2.1	10			2434
1,4-Difluorobenzene (S)	97.4 %		70-130		50			2440
1,4-Difluorobenzene (S)	111 %		70-130		10			2434
4-Bromofluorobenzene (S)	99.7 %		70-130		10			2434
4-Bromofluorobenzene (S)	103 %		70-130		50			2440
Preservation pH	<2				10			2434

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						
		Batch: 2438 SW-846 8015B GRO Gas on 02/07/2011 17:48 by NNM						
Parameters	Results			MDL	DF	RegLmt	Batch Information	
	mg/l	Qual	Report Limit				Prep	Analysis
Gasoline Range Organics	13		5.0	0.84	50			2438
1,4-Difluorobenzene (S)	99.6 %		60-155		50			2438
4-Bromofluorobenzene (S)	104 %		50-158		50			2438

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO		Preparation Batches:						
		Batch: 2650 SW-846 3510C on 01/28/2011 15:03 by MB2						
		Analytical Batches:						
		Batch: 2326 SW-846 8015B DRO on 02/01/2011 17:57 by NDW						
Parameters	Results			MDL	DF	RegLmt	Batch Information	
	mg/l	Qual	Report Limit				Prep	Analysis
Diesel Range Organics (DRO)	0.73		0.22	0.022	1		2650	2326
n-Pentacosane (S)	93.4 %		20-154		1		2650	2326

WET CHEMISTRY



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414016

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-18

Date/Time Collected: 1/26/2011 09:34

Analysis Desc: EPA 300.0		Analytical Batches:						Batch Information	
		Batch: 1628 EPA 300.0 on 01/31/2011 19:32 by ESK						Prep	Analysis
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt			
Chloride	200		10.0	2.52	20		1628		



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414017

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-12

Date/Time Collected: 1/26/2011 10:52

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2434 SW-846 8021B on 02/03/2011 23:38 by NNM DF = 10
 Batch: 2440 SW-846 8021B on 02/07/2011 16:24 by NNM DF = 50

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	4000		50	16	50		2440
Ethylbenzene	140		10	2.2	10		2434
Toluene	ND		10	1.9	10		2434
m,p-Xylene	160		10	2.9	10		2434
o-Xylene	ND		10	2.1	10		2434
Xylenes, Total	160		10	2.1	10		2434
1,4-Difluorobenzene (S)	97.3 %		70-130		50		2440
1,4-Difluorobenzene (S)	111 %		70-130		10		2434
4-Bromofluorobenzene (S)	99.3 %		70-130		10		2434
4-Bromofluorobenzene (S)	102 %		70-130		50		2440
Preservation pH	<2				10		2434

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2438 SW-846 8015B GRO Gas on 02/07/2011 16:24 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	14		5.0	0.84	50		2438
1,4-Difluorobenzene (S)	99.4 %		60-155		50		2438
4-Bromofluorobenzene (S)	105 %		50-158		50		2438

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO Preparation Batches:
 Batch: 2650 SW-846 3510C on 01/28/2011 15:03 by MB2
 Analytical Batches:
 Batch: 2326 SW-846 8015B DRO on 02/01/2011 18:17 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics (DRO)	1.0		0.21	0.021	1		2650 2326
n-Pentacosane (S)	97.5 %		20-154		1		2650 2326

WET CHEMISTRY



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414017

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-12

Date/Time Collected: 1/26/2011 10:52

Analysis Desc: EPA 300.0		Analytical Batches:						Batch Information	
		Batch: 1628 - EPA 300.0 on 01/31/2011 19:48 by ESK						Prep	Analysis
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt			
Chloride	186		10.0	2.52	20		1628		



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414018

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: SVE-10

Date/Time Collected: 1/26/2011 11:10

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						Batch Information	
		Batch: 2426 SW-846 8021B on 02/02/2011 08:22 by NNM						Prep	Analysis
Parameters	Results ug/l	Qual	Report Limit	MDL	DF	RegLmt			
Benzene	ND		1.0	0.32	1			2426	
Ethylbenzene	ND		1.0	0.22	1			2426	
Toluene	ND		1.0	0.19	1			2426	
m,p-Xylene	ND		1.0	0.29	1			2426	
o-Xylene	ND		1.0	0.21	1			2426	
Xylenes, Total	ND		1.0	0.21	1			2426	
1,4-Difluorobenzene (S)	97.6 %		70-130		1			2426	
4-Bromofluorobenzene (S)	97.1 %		70-130		1			2426	
Preservation pH	<2				1			2426	

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						Batch Information	
		Batch: 2428 SW-846 8015B GRO Gas on 02/02/2011 08:22 by NNM						Prep	Analysis
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt			
Gasoline Range Organics	ND		0.10	0.017	1			2428	
1,4-Difluorobenzene (S)	98.3 %		60-155		1			2428	
4-Bromofluorobenzene (S)	98.7 %		50-158		1			2428	

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO		Preparation Batches:						Batch Information	
		Batch: 2650 SW-846 3510C on 01/28/2011 15:03 by MB2						Prep	Analysis
		Analytical Batches:							
		Batch: 2326 SW-846 8015B DRO on 02/01/2011 18:37 by NDW							
Parameters	Results mg/l	Qual	Report Limit	MDL	DF	RegLmt			
Diesel Range Organics (DRO)	ND		0.21	0.021	1		2650	2326	
n-Pentacosane (S)	82.9 %		20-154		1		2650	2326	

WET CHEMISTRY



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414018

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: SVE-10

Date/Time Collected: 1/26/2011 11:10

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1628 - EPA 300.0 on 01/31/2011 20:37 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	240		10.0	2.52	20		1628



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414019

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-6

Date/Time Collected: 1/26/2011 11:22

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						
		Batch: 2434 SW-846 8021B on 02/03/2011 20:51 by NNM						
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt	Batch Information	
	ug/l						Prep	Analysis
Benzene	27		1.0	0.32	1			2434
Ethylbenzene	130		1.0	0.22	1			2434
Toluene	2.5		1.0	0.19	1			2434
m,p-Xylene	7.8		1.0	0.29	1			2434
o-Xylene	1.3		1.0	0.21	1			2434
Xylenes, Total	9.1		1.0	0.21	1			2434
1,4-Difluorobenzene (S)	113 %		70-130		1			2434
4-Bromofluorobenzene (S)	105 %		70-130		1			2434
Preservation pH	<2				1			2434

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						
		Batch: 2432 SW-846 8015B GRO Gas on 02/03/2011 20:51 by NNM						
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l						Prep	Analysis
Gasoline Range Organics	2.4		0.10	0.017	1			2432
1,4-Difluorobenzene (S)	142 %		60-155		1			2432
4-Bromofluorobenzene (S)	125 %		50-158		1			2432

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO		Preparation Batches:						
		Batch: 2650 SW-846 3510C on 01/28/2011 15:03 by MB2						
		Analytical Batches:						
		Batch: 2326 SW-846 8015B DRO on 02/01/2011 19:18 by NDW						
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l						Prep	Analysis
Diesel Range Organics (DRO)	12		4.2	0.43	20		2650	2326
n-Pentacosane (S)	0 %	D*	20-154		20		2650	2326

WET CHEMISTRY



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414019

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: MW-6

Date/Time Collected: 1/26/2011 11:22

Analysis Desc: EPA 300.0

Analytical Batches

Batch: 1628 EPA 300.0 on 01/31/2011 20:53 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	85.4		5.00	1.26	10		1628



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414020
 Sample ID: Dup#2

Date/Time Received: 1/27/2011 09:10 Matrix: Water
 Date/Time Collected: 1/26/2011 00:00

VOLATILES

Analysis Desc: SW-846 8021B SW-846 5030 Analytical Batches:
 Batch: 2434 SW-846 8021B on 02/04/2011 00:05 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	4900		10	3.2	10		2434
Ethylbenzene	110		10	2.2	10		2434
Toluene	ND		10	1.9	10		2434
m,p-Xylene	130		10	2.9	10		2434
o-Xylene	ND		10	2.1	10		2434
Xylenes, Total	130		10	2.1	10		2434
1,4-Difluorobenzene (S)	111 %		70-130		10		2434
4-Bromofluorobenzene (S)	98.9 %		70-130		10		2434
Preservation pH	<2				10		2434

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas SW-846 8015B GRO Gas Analytical Batches:
 Batch: 2432 SW-846 8015B GRO Gas on 02/04/2011 00:05 by NNM

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Gasoline Range Organics	16		1.0	0.17	10		2432
1,4-Difluorobenzene (S)	108 %		60-155		10		2432
4-Bromofluorobenzene (S)	103 %		50-158		10		2432

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO Preparation Batches:
 Batch: 2650 SW-846 3510C on 01/28/2011 15:03 by MB2
 Analytical Batches:
 Batch: 2326 SW-846 8015B DRO on 02/01/2011 18:58 by NDW

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Diesel Range Organics (DRO)	0.89		0.21	0.021	1		2650 2326
n-Pentacosane (S)	82.9 %		20-154		1		2650 2326

WET CHEMISTRY



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ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414020

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: Dup#2

Date/Time Collected: 1/26/2011 00:00

Analysis Desc: EPA 300.0

Analytical Batches

Batch: 1628 EPA 300.0 on 01/31/2011 21:09 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Chloride	186		10.0	2.52	20		1628



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414022

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: DUP

Date/Time Collected: 1/25/2011 00:00

VOLATILES

Analysis Desc: SW-846 8021B		SW-846 5030 Analytical Batches:						
		Batch: 2434 SW-846 8021B on 02/03/2011 18:33 by NNM						
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt	Batch Information	
	ug/l						Prep	Analysis
Benzene	1.6		1.0	0.32	1			2434
Ethylbenzene	4.5		1.0	0.22	1			2434
Toluene	ND		1.0	0.19	1			2434
m,p-Xylene	ND		1.0	0.29	1			2434
o-Xylene	ND		1.0	0.21	1			2434
Xylenes, Total	ND		1.0	0.21	1			2434
1,4-Difluorobenzene (S)	99.9 %		70-130		1			2434
4-Bromofluorobenzene (S)	101 %		70-130		1			2434
Preservation pH	<2				1			2434

Gasoline Range Organics (GRO)

Analysis Desc: SW-846 8015B GRO Gas		SW-846 8015B GRO Gas Analytical Batches:						
		Batch: 2432 SW-846 8015B GRO Gas on 02/03/2011 18:33 by NNM						
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l						Prep	Analysis
Gasoline Range Organics	0.19		0.10	0.017	1			2432
1,4-Difluorobenzene (S)	105 %		60-155		1			2432
4-Bromofluorobenzene (S)	102 %		50-158		1			2432

SEMIVOLATILE HYDROCARBONS

Analysis Desc: SW-846 8015B DRO		Preparation Batches:						
		Batch: 2650 SW-846 3510C on 01/28/2011 15:01 by MB2						
		Analytical Batches:						
		Batch: 2326 SW-846 8015B DRO on 02/01/2011 19:38 by NDW						
Parameters	Results	Qual	Report Limit	MDL	DF	RegLmt	Batch Information	
	mg/l						Prep	Analysis
Diesel Range Organics (DRO)	0.31		0.21	0.021	1		2650	2326
n-Pentacosane (S)	86.5 %		20-154		1		2650	2326

WET CHEMISTRY



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414022

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: DUP

Date/Time Collected: 1/25/2011 00:00

Analysis Desc: EPA 300.0

Analytical Batches:

Batch: 1628 EPA 300.0 on 01/31/2011 21:25 by ESK

Parameters	Results					Batch Information	
	mg/l	Qual	Report Limit	MDL	DF	Reg Limit	Prep. Analysis
Chloride	217		10.0	2.52	20		1628



ANALYTICAL RESULTS

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID: H11010414023

Date/Time Received: 1/27/2011 09:10 Matrix: Water

Sample ID: Trip Blank 01/17/2011

Date/Time Collected: 1/26/2011 00:00

VOLATILES

Analysis Desc: SW-846 8021B

SW-846 5030 Analytical Batches:

Batch: 2410 SW-846 8021B on 01/28/2011 15:10 by NNM

Parameters	Results					Batch Information	
	ug/l	Qual	Report Limit	MDL	DF	RegLmt	Prep Analysis
Benzene	ND		1.0	0.32	1		2410
Ethylbenzene	ND		1.0	0.22	1		2410
Toluene	ND		1.0	0.19	1		2410
m,p-Xylene	ND		1.0	0.29	1		2410
o-Xylene	ND		1.0	0.21	1		2410
Xylenes, Total	ND		1.0	0.21	1		2410
1,4-Difluorobenzene (S)	98 %		70-130		1		2410
4-Bromofluorobenzene (S)	96.9 %		70-130		1		2410
Preservation pH	<2				1		2410



QUALITY CONTROL DATA

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

QC Batch: GCVW/2409 Analysis Method: SW-846 8021B
 QC Batch Method: SW-846 5030 Preparation: 01/28/2011 00:00 by GCV
 Associated Lab Samples: H11010414001 H11010414002 H11010414003 H11010414010 H11010414023

METHOD BLANK: 91704

Analysis Date/Time Analyst: 01/28/2011 13:55 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Benzene	ug/l	ND		1.0
Ethylbenzene	ug/l	ND		1.0
Toluene	ug/l	ND		1.0
m,p-Xylene	ug/l	ND		1.0
o-Xylene	ug/l	ND		1.0
Xylenes, Total	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	97.6		70-130
4-Bromofluorobenzene (S)	%	95.7		70-130

LABORATORY CONTROL SAMPLE: 91705

Analysis Date/Time Analyst: 01/28/2011 12:59 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Benzene	ug/l	20	18.3	91.5	70-130
Ethylbenzene	ug/l	20	18.3	91.5	70-130
Toluene	ug/l	20	18.2	91.2	70-130
m,p-Xylene	ug/l	40	36.7	91.7	70-130
o-Xylene	ug/l	20	18.2	91.2	70-130
Xylenes, Total	ug/l	60	54.9	91.5	70-130
1,4-Difluorobenzene (S)	%			98.2	70-130
4-Bromofluorobenzene (S)	%			97.9	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 91706 91707 Original: H11010414010

MS Analysis Date/Time Analyst: 01/28/2011 16:06 NNM

MSD Analysis Date/Time Analyst: 01/28/2011 16:34 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Benzene	ug/l	7.8	20	25.1	25.2	86.8	87.0	66-141	0.1	31
Ethylbenzene	ug/l	ND	20	17.4	17.3	86.0	85.7	52-136	0.3	28
Toluene	ug/l	ND	20	17.4	17.5	86.8	87.6	61-131	0.9	25
m,p-Xylene	ug/l	ND	40	34.2	34.0	85.1	84.7	60-130	0.6	36
o-Xylene	ug/l	ND	20	17.0	16.9	84.9	84.5	64-130	0.5	30
Xylenes, Total	ug/l	ND	60	51.2	50.9	85.3	84.9	60-130	0.5	36

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 91706 91707 Original: H11010414010

MS Analysis Date/Time Analyst: 01/28/2011 16:06 NNM

MSD Analysis Date/Time Analyst: 01/28/2011 16:34 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
1,4-Difluorobenzene (S)	%	98.1				97.8	97.6	70-130		
4-Bromofluorobenzene (S)	%	96.3				97.6	95.4	70-130		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

QC Batch: GCVW/2417 Analysis Method: SW-846 8021B
 QC Batch Method: SW-846 5030 Preparation: 01/28/2011 00:00 by GCV
 Associated Lab Samples: H11010414004 H11010414005 H11010414006 H11010414007 H11010414008 H11010414009
 H11010414011 H11010414012 H11010414013 H11010414014

METHOD BLANK: 91813

Analysis Date/Time Analyst: 01/28/2011 23:50 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Benzene	ug/l	ND		1.0
Ethylbenzene	ug/l	ND		1.0
Toluene	ug/l	ND		1.0
m,p-Xylene	ug/l	ND		1.0
o-Xylene	ug/l	ND		1.0
Xylenes, Total	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	98		70-130
4-Bromofluorobenzene (S)	%	97.4		70-130

LABORATORY CONTROL SAMPLE: 91814

Analysis Date/Time Analyst: 01/29/2011 00:18 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Benzene	ug/l	20	19.4	97.2	70-130
Ethylbenzene	ug/l	20	19.4	97.1	70-130
Toluene	ug/l	20	19.4	97.0	70-130
m,p-Xylene	ug/l	40	38.7	96.7	70-130
o-Xylene	ug/l	20	19.5	97.6	70-130
Xylenes, Total	ug/l	60	58.2	97.0	70-130
1,4-Difluorobenzene (S)	%			97.9	70-130
4-Bromofluorobenzene (S)	%			98.9	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 91815 91816 Original: H11010414004

MS Analysis Date/Time Analyst: 01/29/2011 01:41 NNM

MSD Analysis Date/Time Analyst: 01/29/2011 02:09 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Benzene	ug/l	ND	20	18.7	18.4	93.5	92.0	66-141	1.6	31
Ethylbenzene	ug/l	ND	20	18.5	18.2	92.5	91.1	52-136	1.5	28
Toluene	ug/l	ND	20	18.6	18.6	93.1	92.9	61-131	0.2	25
m,p-Xylene	ug/l	ND	40	36.7	36.2	91.8	90.5	60-130	1.5	36
o-Xylene	ug/l	ND	20	18.5	18.2	92.3	91.2	64-130	1.3	30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 91815 91816 Original: H11010414004

MS Analysis Date/Time Analyst: 01/29/2011 01:41 NNM

MSD Analysis Date/Time Analyst: 01/29/2011 02:09 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Xylenes, Total	ug/l	ND	60	55.2	54.4	92.0	90.7	60-130	1.4	36
1,4-Difluorobenzene (S)	%	98.4				97.6	97.8	70-130		
4-Bromofluorobenzene (S)	%	99.2				98.8	99.6	70-130		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

QC Batch: GCVW/2419 Analysis Method: SW-846 8015B GRO Gas
 QC Batch Method: SW-846 5030 Preparation: 01/28/2011 00:00 by GCV
 Associated Lab Samples: H11010414004 H11010414005 H11010414006 H11010414007 H11010414008 H11010414009
 H11010414011 H11010414012 H11010414013 H11010414014

METHOD BLANK: 91818

Analysis Date/Time Analyst: 01/28/2011 23:50 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Gasoline Range Organics	mg/l	ND		0.10
4-Bromofluorobenzene (S)	%	99.9		50-158
1,4-Difluorobenzene (S)	%	101		60-155

LABORATORY CONTROL SAMPLE: 91819

Analysis Date/Time Analyst: 01/29/2011 00:45 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Gasoline Range Organics	mg/l	1.0	1.0	100	70-130
4-Bromofluorobenzene (S)	%			104	50-158
1,4-Difluorobenzene (S)	%			105	60-155

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 91820 91821 Original: H11010414004

MS Analysis Date/Time Analyst: 01/29/2011 02:37 NNM

MSD Analysis Date/Time Analyst: 01/29/2011 03:05 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Gasoline Range Organics	mg/l	ND	1.0	1.02	0.867	101	85.9	36-160	16.4	36
4-Bromofluorobenzene (S)	%	102				106	105	50-158		
1,4-Difluorobenzene (S)	%	101				103	104	60-155		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

QC Batch: GCVW/2425 Analysis Method: SW-846 8021B
 QC Batch Method: SW-846 5030 Preparation: 02/02/2011 00:00 by GCV
 Associated Lab Samples: H11010387002 H11010387004 H11010387005 H11010387006 H11010387007 H11010414015
 H11010414018

METHOD BLANK: 92062

Analysis Date/Time Analyst: 02/02/2011 04:16 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Benzene	ug/l	ND		1.0
Ethylbenzene	ug/l	ND		1.0
Toluene	ug/l	ND		1.0
m,p-Xylene	ug/l	ND		1.0
o-Xylene	ug/l	ND		1.0
Xylenes, Total	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	96.8		70-130
4-Bromofluorobenzene (S)	%	96.6		70-130

LABORATORY CONTROL SAMPLE: 92063

Analysis Date/Time Analyst: 02/02/2011 05:11 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Benzene	ug/l	20	19.2	96.0	70-130
Ethylbenzene	ug/l	20	19.1	95.6	70-130
Toluene	ug/l	20	19.4	97.2	70-130
m,p-Xylene	ug/l	40	38.2	95.5	70-130
o-Xylene	ug/l	20	19.2	96.0	70-130
Xylenes, Total	ug/l	60	57.4	95.7	70-130
1,4-Difluorobenzene (S)	%			96.6	70-130
4-Bromofluorobenzene (S)	%			97.0	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 92064 92065 Original: H11010414015

MS Analysis Date/Time Analyst: 02/02/2011 06:05 NNM

MSD Analysis Date/Time Analyst: 02/02/2011 06:33 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Benzene	ug/l	ND	20	20.2	20.5	101	102	66-141	1.2	31
Ethylbenzene	ug/l	ND	20	19.4	19.7	97.0	98.3	52-136	1.3	28
Toluene	ug/l	ND	20	19.7	19.8	98.6	98.9	61-131	0.3	25
m,p-Xylene	ug/l	ND	40	39.2	39.2	98.0	98.1	60-130	0.1	36
o-Xylene	ug/l	ND	20	19.7	19.6	98.5	98.0	64-130	0.5	30

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:92064 92065 Original: H11010414015

MS Analysis Date/Time Analyst: 02/02/2011 06:05 NNM

MSD Analysis Date/Time Analyst: 02/02/2011 06:33 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Xylenes, Total	ug/l	ND	60	58.9	58.8	98.2	98.1	60-130	0.1	36
1,4-Difluorobenzene (S)	%	99.1				98.5	98.7	70-130		
4-Bromofluorobenzene (S)	%	96				96.9	97.1	70-130		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

QC Batch: GCVW/2427 Analysis Method: SW-846 8015B GRO Gas
 QC Batch Method: SW-846 5030 Preparation: 02/02/2011 00:00 by GCV
 Associated Lab Samples: H11010387002 H11010387004 H11010387005 H11010387006 H11010387007 H11010414001
 H11010414002 H11010414003 H11010414015 H11010414018

METHOD BLANK: 92066

Analysis Date/Time Analyst: 02/02/2011 04:16 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Gasoline Range Organics	mg/l	ND		0.10
4-Bromofluorobenzene (S)	%	98.1		50-158
1,4-Difluorobenzene (S)	%	98.3		60-155

LABORATORY CONTROL SAMPLE: 92067

Analysis Date/Time Analyst: 02/02/2011 04:43 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Gasoline Range Organics	mg/l	1.0	0.901	90.1	70-130
4-Bromofluorobenzene (S)	%			99.7	50-158
1,4-Difluorobenzene (S)	%			102	60-155

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 92068 92069 Original: H11010414001

MS Analysis Date/Time Analyst: 02/02/2011 07:28 NNM

MSD Analysis Date/Time Analyst: 02/02/2011 07:55 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Gasoline Range Organics	mg/l	ND	1.0	0.967	0.839	96.7	83.9	36-160	14.2	36
4-Bromofluorobenzene (S)	%	97.3				102	101	50-158		
1,4-Difluorobenzene (S)	%	97.3				103	100	60-155		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

QC Batch: GCVW/2431 Analysis Method: SW-846 8015B GRO Gas
 QC Batch Method: SW-846 5030 Preparation: 02/03/2011 00:00 by GCV
 Associated Lab Samples: H11010414010 H11010414019 H11010414020 H11010414022

METHOD BLANK: 92328
 Analysis Date/Time Analyst: 02/03/2011 16:42 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Gasoline Range Organics	mg/l	ND		0.10
4-Bromofluorobenzene (S)	%	101		50-158
1,4-Difluorobenzene (S)	%	98.8		60-155

LABORATORY CONTROL SAMPLE: 92329
 Analysis Date/Time Analyst: 02/03/2011 17:10 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Gasoline Range Organics	mg/l	1.0	1.09	109	70-130
4-Bromofluorobenzene (S)	%			104	50-158
1,4-Difluorobenzene (S)	%			105	60-155

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 92330 92331 Original: H11010414022

MS Analysis Date/Time Analyst: 02/03/2011 19:56 NNM
 MSD Analysis Date/Time Analyst: 02/03/2011 20:24 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Gasoline Range Organics	mg/l	0.19	1.0	1.0	1.09	81.2	90.1	36-160	8.5	36
4-Bromofluorobenzene (S)	%	102				106	105	50-158		
1,4-Difluorobenzene (S)	%	105				104	105	60-155		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

QC Batch: GCVW/2433

Analysis Method: SW-846 8021B

QC Batch Method: SW-846 5030

Preparation: 02/03/2011 00:00 by GCV

Associated Lab Samples: H11010414016 H11010414017 H11010414019 H11010414020 H11010414022

METHOD BLANK: 92379

Analysis Date/Time Analyst: 02/03/2011 16:42 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Benzene	ug/l	ND		1.0
Ethylbenzene	ug/l	ND		1.0
Toluene	ug/l	ND		1.0
m,p-Xylene	ug/l	ND		1.0
o-Xylene	ug/l	ND		1.0
Xylenes, Total	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	97.3		70-130
4-Bromofluorobenzene (S)	%	99.7		70-130

LABORATORY CONTROL SAMPLE: 92380

Analysis Date/Time Analyst: 02/03/2011 17:37 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Benzene	ug/l	20	19.5	97.7	70-130
Ethylbenzene	ug/l	20	19.6	97.8	70-130
Toluene	ug/l	20	19.6	97.9	70-130
m,p-Xylene	ug/l	40	39.1	97.8	70-130
o-Xylene	ug/l	20	19.7	98.5	70-130
Xylenes, Total	ug/l	60	58.8	98.1	70-130
1,4-Difluorobenzene (S)	%			96.9	70-130
4-Bromofluorobenzene (S)	%			99.6	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 92381

92382

Original: H11010414022

MS Analysis Date/Time Analyst: 02/03/2011 19:00 NNM

MSD Analysis Date/Time Analyst: 02/03/2011 19:28 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Benzene	ug/l	1.6	20	17.8	17.5	81.1	79.6	66-141	1.8	31
Ethylbenzene	ug/l	4.5	20	21.9	22.0	87.0	87.7	52-136	0.6	28
Toluene	ug/l	ND	20	19.3	19.4	95.4	95.9	61-131	0.5	25
m,p-Xylene	ug/l	ND	40	36.3	36.5	89.9	90.5	60-130	0.6	36
o-Xylene	ug/l	ND	20	18.8	18.9	90.9	91.4	64-130	0.6	30
Xylenes, Total	ug/l	ND	60	55.1	55.4	91.9	92.4	60-130	0.6	36

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:92381 92382 Original: H11010414022

MS Analysis Date/Time Analyst: 02/03/2011 19:00 NNM

MSD Analysis Date/Time Analyst: 02/03/2011 19:28 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
1,4-Difluorobenzene (S)	%	99.9				99.0	98.7	70-130		
4-Bromofluorobenzene (S)	%	101				101	101	70-130		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

QC Batch: GCVW/2437 Analysis Method: SW-846 8015B GRO Gas
 QC Batch Method: SW-846 5030 Preparation: 02/07/2011 00:00 by GCV
 Associated Lab Samples: H11010414016 H11010414017

METHOD BLANK: 92396
 Analysis Date/Time Analyst: 02/07/2011 13:37 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Gasoline Range Organics	mg/l	ND		0.10
4-Bromofluorobenzene (S)	%	104		50-158
1,4-Difluorobenzene (S)	%	98.6		60-155

LABORATORY CONTROL SAMPLE: 92397
 Analysis Date/Time Analyst: 02/07/2011 14:05 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Gasoline Range Organics	mg/l	1.0	1.04	104	70-130
4-Bromofluorobenzene (S)	%			106	50-158
1,4-Difluorobenzene (S)	%			104	60-155

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 92398 92399 Original: H11010414017

MS Analysis Date/Time Analyst: 02/07/2011 16:52 NNM

MSD Analysis Date/Time Analyst: 02/07/2011 17:20 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Gasoline Range Organics	mg/l	14	50	63.0	62.5	97.3	96.4	36-160	0.7	36
4-Bromofluorobenzene (S)	%	105				106	106	50-158		
1,4-Difluorobenzene (S)	%	99.4				104	104	60-155		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

QC Batch: GCVW/2439 Analysis Method: SW-846 8021B
 QC Batch Method: SW-846 5030 Preparation: 02/07/2011 00:00 by GCV
 Associated Lab Samples: H11010414016 H11010414017

METHOD BLANK: 92483
 Analysis Date/Time Analyst: 02/07/2011 13:37 NNM

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Benzene	ug/l	ND		1.0
1,4-Difluorobenzene (S)	%	96.5		70-130
4-Bromofluorobenzene (S)	%	102		70-130

LABORATORY CONTROL SAMPLE: 92484
 Analysis Date/Time Analyst: 02/07/2011 14:33 NNM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Benzene	ug/l	20	18.6	93.1	70-130
1,4-Difluorobenzene (S)	%			95.9	70-130
4-Bromofluorobenzene (S)	%			101	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 92485 92486 Original: H11020067001

MS Analysis Date/Time Analyst: 02/07/2011 15:29 NNM

MSD Analysis Date/Time Analyst: 02/07/2011 15:57 NNM

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Benzene	ug/l	ND	10000	9150	9110	91.5	91.1	66-141	0.4	31
1,4-Difluorobenzene (S)	%	ND				95.7	96.6	70-130		
4-Bromofluorobenzene (S)	%	ND				99.9	102	70-130		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

QC Batch: EXTO/2649 Analysis Method: SW-846 8015B DRO
 QC Batch Method: SW-846 3510C Preparation: 01/28/2011 13:07 by MB2
 Associated Lab Samples: H11010387001 H11010387002 H11010387003 H11010387004 H11010387005 H11010387006
 H11010387007 H11010414001 H11010414002 H11010414003 H11010414004 H11010414005
 H11010414006 H11010414007

METHOD BLANK: 91510

Analysis Date/Time Analyst: 01/31/2011 11:47 NDW

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Diesel Range Organics (DRO)	mg/l	ND		0.20
n-Pentacosane (S)	%	93.5		20-154

LABORATORY CONTROL SAMPLE & LCSD: 91511 91512

LCS Analysis Date/Time Analyst: 01/31/2011 11:05 NDW

LCSD Analysis Date/Time 01/31/2011 11:26 NDW

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD
Diesel Range Organics (DRO)	mg/l	1.0	1.02	1.0	102	100	21-150	1.4	40
n-Pentacosane (S)	%				93.3	91.9	20-154		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

QC Batch: EXTO/2650 Analysis Method: SW-846 8015B DRO
 QC Batch Method: SW-846 3510C Preparation: 01/28/2011 15:00 by MB2
 Associated Lab Samples: H11010414008 H11010414009 H11010414010 H11010414011 H11010414012 H11010414013
 H11010414014 H11010414015 H11010414016 H11010414017 H11010414018 H11010414019
 H11010414020 H11010414022

METHOD BLANK: 91539

Analysis Date/Time Analyst: 02/01/2011 13:16 NDW

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Diesel Range Organics (DRO)	mg/l	ND		0.20
n-Pentacosane (S)	%	82.5		20-154

LABORATORY CONTROL SAMPLE & LCSD: 91540 91541

LCS Analysis Date/Time Analyst: 02/01/2011 13:36 NDW

LCSD Analysis Date/Time 02/01/2011 13:56 NDW

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD
Diesel Range Organics (DRO)	mg/l	1.0	0.848	0.769	84.8	76.9	21-150	9.8	40
n-Pentacosane (S)	%				82.3	73.2	20-154		

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

QC Batch: IC/1627

Analysis Method: EPA 300.0

QC Batch Method: EPA 300.0

Associated Lab Samples:	H11010387001	H11010387002	H11010387003	H11010387004	H11010387005	H11010387006
	H11010387007	H11010414001	H11010414002	H11010414003	H11010414004	H11010414005
	H11010414006	H11010414007	H11010414008	H11010414009	H11010414010	H11010414011
	H11010414012	H11010414013				

METHOD BLANK: 91899

Analysis Date/Time Analyst: 01/31/2011 09:51 ESK

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Chloride	mg/l	ND		0.500

LABORATORY CONTROL SAMPLE: 91900

Analysis Date/Time Analyst: 01/31/2011 10:07 ESK

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Chloride	mg/l	10	9.346	93.5	85-115

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:91901 91902 Original: H11010387002

MS Analysis Date/Time Analyst: 01/31/2011 11:28 ESK

MSD Analysis Date/Time Analyst: 01/31/2011 11:44 ESK

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Chloride	mg/l	74.5	50	134.3	125.5	120	102	80-120	6.8	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:91903 91904 Original: H11010414004

MS Analysis Date/Time Analyst: 01/31/2011 14:58 ESK

MSD Analysis Date/Time Analyst: 01/31/2011 15:14 ESK

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Chloride	mg/l	132	50	194.4	194.2	125 *	124 *	80-120	0.1	20

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL.



QUALITY CONTROL DATA

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

QC Batch: IC/1628 Analysis Method: EPA 300.0
 QC Batch Method: EPA 300.0

Associated Lab Samples: H11010414014 H11010414015 H11010414016 H11010414017 H11010414018 H11010414019
 H11010414020 H11010414022

METHOD BLANK: 91905

Analysis Date/Time Analyst: 01/31/2011 18:28 ESK

Parameter	Units	Blank Result	Qualifiers	Reporting Limit
Chloride	mg/l	ND		0.500

LABORATORY CONTROL SAMPLE: 91906

Analysis Date/Time Analyst: 01/31/2011 18:44 ESK

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits
Chloride	mg/l	10	9.438	94.4	85-115

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 91907 91908 Original: H11010414022

MS Analysis Date/Time Analyst: 01/31/2011 21:41 ESK

MSD Analysis Date/Time Analyst: 01/31/2011 21:57 ESK

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Chloride	mg/l	217	100	339.7	336.2	123 *	119	80-120	1.0	20

QC results presented in the QC Control Data 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. Also, MS/MSD % recoveries are calculated by the SPL LIMS using any detected value greater than the MDL..



Legend

(S) - Indicates analyte is a surrogate

Qualifier	Qualifier Description
*	Recovery/RPD value outside QC limits
+	DCS Concentration
B	Analyte detected in the Method Blank
C	MTBE results were not confirmed by GCMS
D	Recovery out of range due to dilution
E	Results exceed calibration range
H	Exceeds holding time
I	Estimated value, between MDL and PQL (Florida)
J	Estimated value
JN	The analysis indicates the presence of an analyte
MI	Matrix Interference
N	Recovery outside of control limits
NC	Not Calculable (Sample Duplicate)
NC	Not Calculated - Sample concentration > 4 times the spike
ND	Not Detected at reporting Limits
P	Pesticide dual column results, greater than 25%
Q	Received past holding time
TNTC	Too numerous to count
U	Not Detected at reporting Limits



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
H11010414001	MW-21	SW-846 3510C	EXTO/2649	SW-846 8015B DRO	GCSV/2321
H11010414002	MW-16	SW-846 3510C	EXTO/2649	SW-846 8015B DRO	GCSV/2321
H11010414003	MW-20	SW-846 3510C	EXTO/2649	SW-846 8015B DRO	GCSV/2321
H11010414004	MW-25	SW-846 3510C	EXTO/2649	SW-846 8015B DRO	GCSV/2321
H11010414005	MW-24	SW-846 3510C	EXTO/2649	SW-846 8015B DRO	GCSV/2321
H11010414006	MW-15	SW-846 3510C	EXTO/2649	SW-846 8015B DRO	GCSV/2321
H11010414007	MW-4	SW-846 3510C	EXTO/2649	SW-846 8015B DRO	GCSV/2321
H11010414008	MW-5	SW-846 3510C	EXTO/2650	SW-846 8015B DRO	GCSV/2326
H11010414009	MW-26	SW-846 3510C	EXTO/2650	SW-846 8015B DRO	GCSV/2326
H11010414010	MW-27	SW-846 3510C	EXTO/2650	SW-846 8015B DRO	GCSV/2326
H11010414011	MW-23	SW-846 3510C	EXTO/2650	SW-846 8015B DRO	GCSV/2326
H11010414012	MW-22	SW-846 3510C	EXTO/2650	SW-846 8015B DRO	GCSV/2326
H11010414013	MW-13	SW-846 3510C	EXTO/2650	SW-846 8015B DRO	GCSV/2326
H11010414014	MW-19	SW-846 3510C	EXTO/2650	SW-846 8015B DRO	GCSV/2326
H11010414015	MW-14	SW-846 3510C	EXTO/2650	SW-846 8015B DRO	GCSV/2326
H11010414016	MW-18	SW-846 3510C	EXTO/2650	SW-846 8015B DRO	GCSV/2326
H11010414017	MW-12	SW-846 3510C	EXTO/2650	SW-846 8015B DRO	GCSV/2326
H11010414018	SVE-10	SW-846 3510C	EXTO/2650	SW-846 8015B DRO	GCSV/2326
H11010414019	MW-6	SW-846 3510C	EXTO/2650	SW-846 8015B DRO	GCSV/2326
H11010414020	Dup#2	SW-846 3510C	EXTO/2650	SW-846 8015B DRO	GCSV/2326
H11010414022	DUP	SW-846 3510C	EXTO/2650	SW-846 8015B DRO	GCSV/2326
H11010414001	MW-21	SW-846 5030	GCVW/2409	SW-846 8021B	GCVW/2410
H11010414002	MW-16	SW-846 5030	GCVW/2409	SW-846 8021B	GCVW/2410
H11010414003	MW-20	SW-846 5030	GCVW/2409	SW-846 8021B	GCVW/2410
H11010414010	MW-27	SW-846 5030	GCVW/2409	SW-846 8021B	GCVW/2410
H11010414023	Trip Blank 01/17/2011	SW-846 5030	GCVW/2409	SW-846 8021B	GCVW/2410
H11010414004	MW-25	SW-846 5030	GCVW/2417	SW-846 8021B	GCVW/2418
H11010414005	MW-24	SW-846 5030	GCVW/2417	SW-846 8021B	GCVW/2418
H11010414006	MW-15	SW-846 5030	GCVW/2417	SW-846 8021B	GCVW/2418
H11010414007	MW-4	SW-846 5030	GCVW/2417	SW-846 8021B	GCVW/2418
H11010414008	MW-5	SW-846 5030	GCVW/2417	SW-846 8021B	GCVW/2418
H11010414009	MW-26	SW-846 5030	GCVW/2417	SW-846 8021B	GCVW/2418
H11010414011	MW-23	SW-846 5030	GCVW/2417	SW-846 8021B	GCVW/2418
H11010414012	MW-22	SW-846 5030	GCVW/2417	SW-846 8021B	GCVW/2418



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
H11010414013	MW-13	SW-846 5030	GCVW/2417	SW-846 8021B	GCVW/2418
H11010414014	MW-19	SW-846 5030	GCVW/2417	SW-846 8021B	GCVW/2418
H11010414004	MW-25	SW-846 8015B GRO Gas	GCVW/2419	SW-846 8015B GRO Gas	GCVW/2420
H11010414005	MW-24	SW-846 8015B GRO Gas	GCVW/2419	SW-846 8015B GRO Gas	GCVW/2420
H11010414006	MW-15	SW-846 8015B GRO Gas	GCVW/2419	SW-846 8015B GRO Gas	GCVW/2420
H11010414007	MW-4	SW-846 8015B GRO Gas	GCVW/2419	SW-846 8015B GRO Gas	GCVW/2420
H11010414008	MW-5	SW-846 8015B GRO Gas	GCVW/2419	SW-846 8015B GRO Gas	GCVW/2420
H11010414009	MW-26	SW-846 8015B GRO Gas	GCVW/2419	SW-846 8015B GRO Gas	GCVW/2420
H11010414011	MW-23	SW-846 8015B GRO Gas	GCVW/2419	SW-846 8015B GRO Gas	GCVW/2420
H11010414012	MW-22	SW-846 8015B GRO Gas	GCVW/2419	SW-846 8015B GRO Gas	GCVW/2420
H11010414013	MW-13	SW-846 8015B GRO Gas	GCVW/2419	SW-846 8015B GRO Gas	GCVW/2420
H11010414014	MW-19	SW-846 8015B GRO Gas	GCVW/2419	SW-846 8015B GRO Gas	GCVW/2420
H11010414001	MW-21	EPA 300.0	IC/1627		
H11010414002	MW-16	EPA 300.0	IC/1627		
H11010414003	MW-20	EPA 300.0	IC/1627		
H11010414004	MW-25	EPA 300.0	IC/1627		
H11010414005	MW-24	EPA 300.0	IC/1627		
H11010414006	MW-15	EPA 300.0	IC/1627		
H11010414007	MW-4	EPA 300.0	IC/1627		
H11010414008	MW-5	EPA 300.0	IC/1627		
H11010414009	MW-26	EPA 300.0	IC/1627		
H11010414010	MW-27	EPA 300.0	IC/1627		
H11010414011	MW-23	EPA 300.0	IC/1627		
H11010414012	MW-22	EPA 300.0	IC/1627		
H11010414013	MW-13	EPA 300.0	IC/1627		
H11010414014	MW-19	EPA 300.0	IC/1628		
H11010414015	MW-14	EPA 300.0	IC/1628		
H11010414016	MW-18	EPA 300.0	IC/1628		
H11010414017	MW-12	EPA 300.0	IC/1628		
H11010414018	SVE-10	EPA 300.0	IC/1628		
H11010414019	MW-6	EPA 300.0	IC/1628		



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: H11010414 : East Hobbs Junction

Project Number: 114-6400787

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
H11010414020	Dup#2	EPA 300.0	IC/1628		
H11010414022	DUP	EPA 300.0	IC/1628		
H11010414015	MW-14	SW-846 5030	GCVW/2425	SW-846 8021B	GCVW/2426
H11010414018	SVE-10	SW-846 5030	GCVW/2425	SW-846 8021B	GCVW/2426
H11010414001	MW-21	SW-846 8015B GRO Gas	GCVW/2427	SW-846 8015B GRO Gas	GCVW/2428
H11010414002	MW-16	SW-846 8015B GRO Gas	GCVW/2427	SW-846 8015B GRO Gas	GCVW/2428
H11010414003	MW-20	SW-846 8015B GRO Gas	GCVW/2427	SW-846 8015B GRO Gas	GCVW/2428
H11010414015	MW-14	SW-846 8015B GRO Gas	GCVW/2427	SW-846 8015B GRO Gas	GCVW/2428
H11010414018	SVE-10	SW-846 8015B GRO Gas	GCVW/2427	SW-846 8015B GRO Gas	GCVW/2428
H11010414010	MW-27	SW-846 8015B GRO Gas	GCVW/2431	SW-846 8015B GRO Gas	GCVW/2432
H11010414019	MW-6	SW-846 8015B GRO Gas	GCVW/2431	SW-846 8015B GRO Gas	GCVW/2432
H11010414020	Dup#2	SW-846 8015B GRO Gas	GCVW/2431	SW-846 8015B GRO Gas	GCVW/2432
H11010414022	DUP	SW-846 8015B GRO Gas	GCVW/2431	SW-846 8015B GRO Gas	GCVW/2432
H11010414016	MW-18	SW-846 5030	GCVW/2433	SW-846 8021B	GCVW/2434
H11010414017	MW-12	SW-846 5030	GCVW/2433	SW-846 8021B	GCVW/2434
H11010414019	MW-6	SW-846 5030	GCVW/2433	SW-846 8021B	GCVW/2434
H11010414020	Dup#2	SW-846 5030	GCVW/2433	SW-846 8021B	GCVW/2434
H11010414022	DUP	SW-846 5030	GCVW/2433	SW-846 8021B	GCVW/2434
H11010414016	MW-18	SW-846 8015B GRO Gas	GCVW/2437	SW-846 8015B GRO Gas	GCVW/2438
H11010414017	MW-12	SW-846 8015B GRO Gas	GCVW/2437	SW-846 8015B GRO Gas	GCVW/2438
H11010414016	MW-18	SW-846 5030	GCVW/2439	SW-846 8021B	GCVW/2440
H11010414017	MW-12	SW-846 5030	GCVW/2439	SW-846 8021B	GCVW/2440



Sample Receipt Checklist

WorkOrder:	H11010414	Received By	LOG
Date and Time	01/27/2011 09:10	Carrier Name:	FEDEXS
Temperature:	3.0/3.0/4.0/4.0/3.5/3.5/2.0/2.0/3.0/3.0/ 4.0/4.0°C	Chilled By:	Water Ice

- | | |
|--|-----------------------|
| 1. Shipping container/cooler in good condition? | YES |
| 2. Custody seals intact on shipping container/cooler? | YES |
| 3. Custody seals intact on sample bottles? | Not Present |
| 4. Chain of custody present? | YES |
| 5. Chain of custody signed when relinquished and received? | YES |
| 6. Chain of custody agrees with sample labels?
1) Received DUP sample but not listed on chain. Logged in with analysis. | NO |
| 7. Samples in proper container/bottle? | YES |
| 8. Samples containers intact?
1) Received one liter broken for MW-25 DRO. SPL continued with analysis with extra container. | NO |
| 9. Sufficient sample volume for indicated test? | YES |
| 10. All samples received within holding time? | YES |
| 11. Container/Temp Blank temperature in compliance? | YES |
| 12. Water - VOA vials have zero headspace? | VOA Vials Not Present |
| 13. Water - Preservation checked upon receipt(except VOA*)? | YES |

*VOA Preservation Checked After Sample Analysis

SPL Representative:	Dayna Fisher	Contact Date & Time:	01/31/11 10:50
Client Name Contacted:	Greg Pope		
Client Instructions:	Notified client via email confirmation		



SPL, Inc.
 Analysis Request & Chain of Custody Report

SPL Workorder No.



H11010414
 306075
 1 of 7
 Analysis

Client Name: Tara Tel
 Address: 110 N. Big Spring State: TX Zip: 75705
 City: Midland
 Phone/Fax: (432) 687-4559
 Client Contact: Amy Papp Email:
 Project Name/No: 114-6400787
 Site Name: East Hebb's Junction
 Site Location: Hebb's DM
 Invoice To:

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	Number of Containers	Notes		
MM-21	1/25/11	1235		X	W	V	40	1	3	3	
						A	1	1	2		2
MM-16		1252				V	40	1	2	3	
						A	1	1	2		2
MM-20		1307				V	40	1	2	3	
						A	1	1	2		2
MM-25		1331				V	40	1	2	3	
						P	16	-	1		1

Client/Consultant Remarks: Laboratory remarks:

Requested TAT: 1 Business Day Contract Standard 2 Business Days 3 Business Days Other

Special Reporting Requirements Results: Fax Email PDF Special Detection Limits (specify):

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

1. Relinquished by Sampler: Amy Papp date: 1/26/11 time: 12:30
 2. Received by: JAW
 3. Relinquished by: Amy Papp date: 1/27/11 time: 09:10
 4. Received by: JAW
 5. Relinquished by: Amy Papp date: 1/27/11 time: 09:10
 6. Received by Laboratory: JAW

Interact? BY BN
 Temp? 53
 PPI/review initials: BY BN

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.
 Analysts Request & Chain of Custody Record

SPL Workorder No.

306076

H11010414 page 2 of 7

Requested Analysis

Client Name: Terra Tech
 Address: 1910 N 134th Spine State TX Zip 77055
 City Milledale
 Phone/Fax: (432) 682-4535
 Client Contact: Gary Rose Email:
 Project Name/No: 114-0400187
 Site Name: East Hobbs Junction
 Site Location: Hobbs, NM
 Invoice To:

W=water S=soil O=oil A=air
 SL=sludge E=encore X=other
 P=plastic A=amber glass
 G=glass V=vial X=other
 1=1 liter 4=4oz 40=vial
 8=8oz 16=16oz X=other
 1=HCl 2=HNO3
 3=H2SO4 X=other
 Number of Containers

BTEX - 8021			
TPH - GRO 8015			
TPH - DRO 8015			
Chlorides			

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis			
										BTEX - 8021	TPH - GRO 8015	TPH - DRO 8015	Chlorides
MU-25	1/26/11	1331		X	A	1	1	1	2				
MU-24		1347			P	16	1	1	2				
MU-15		1405			P	16	1	1	2				
MU-4		1421			P	16	1	1	2				

Client/Consultant Remarks:
 Laboratory remarks:

Intact? Y
 Temp? 3.0 Y
 PNV review (initial): BYN

Requested TAT
 1 Business Day Contract
 2 Business Days Standard
 3 Business Days
 Other
 Rush TAT requires prior notice

Special Reporting Requirements: Results: Fax Email PDF
 Standard QC Level 3 QC Level 4 QC TX TRRP LA RECAP
 1. Relinquished by Sampler: Blank 1/26/11 12:00
 2. Received by: BYN
 3. Relinquished by: Blank 1/26/11 12:00
 4. Received by: BYN
 5. Relinquished by: Blank 1/26/11 12:00
 6. Received by: BYN

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. **306077**
 H11010414 page 3 of 7

Client Name: Texas Tech
 Address: 15112 N Big Spring State TX ZIP 79105
 City: Midland
 Phone/Fax: (432) 682-4454
 Client Contact: Greg Page Email:
 Project Name/No.: 14-LUG0787
 Site Name: East Hobbs Junction
 Site Location: Hobbs, NM
 Invoice To:

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
MW-4	1/25/11	1421		X	W	P	16	-	1	
MW-5		1433				V	40	1	6	3
MW-26	1/26/11	0829				V	40	1	6	3
MW-27		0853				V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						P	16	1	1	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
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						V	40	1	6	3
						P	16	1	1	
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						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
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						V	40	1	6	3
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						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
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						A	1	1	2	
						V	40	1	6	3
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						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
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						A	1	1	2	
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						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
						V	40	1	6	3
						P	16	1	1	
						A	1	1	2	
					</					



SPL, Inc.
 Analyst Request & Chain of Custody Record

SPL Workorder No. 306078

Requested Analysis page 4 of 7

Client Name: Terra Tech
 Address: 1510 D Bay Springs State TX Zip 77054
 City: Midland
 Phone/Fax: (432) 682-4554
 Client Contact: Greg Page Email:
 Project Name/No: 114-C402787
 Site Name: East Hobbs Junction
 Site Location: Hobbs, NM
 Invoice To:

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	press.	Number of Containers	Requested Analysis	
MU-23	1/26/11	0509		X	W	V	40	1	6	3	BTEX 8021
						A	1	1	2	3	TPH - GRO 8015
						P	16	-	1	3	TPH - DRO 8015
MU-22		0425			V	V	40	1	6	3	Chlorides
						A	1	1	2	3	
						P	16	-	1	1	
MU-13		0445			V	V	40	1	6	3	
						A	1	1	2	3	
						P	16	-	1	1	
MU-19		0457			V	V	40	1	6	3	
						A	1	1	2	3	
						P	16	-	1	1	

Client/Consultant Remarks: Laboratory remarks:

Requested TAT:
 1 Business Day Contract
 2 Business Days Standard
 3 Business Days
 Other
 Rush TAT requires prior notice

Special Reporting Requirements Results: Fax Email PDF
 Standard QC Level 3 QC Level 4 QC TX TRRP LA REC/P

1. Relinquished by Sampler: Johnny Thibault date 1/26/11 time 1200
 2. Received by: date time
 3. Relinquished by: date time
 4. Received by: date time
 5. Relinquished by: date time
 6. Received by Laboratory: date time

Intact? Y N
 Temp: 3.0 19.8
 PNI review (initial):

8880 Interchange Drive Houston, TX 77054 (713) 660-0901
 500 Ambassador Caffery Parkways 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.

306079

A11010114 page 5 of 7

Requested Analysis

Client Name: Triva Trk
 Address: 1910 N 13th Street State TX ZIP 75205
 City Middland
 Phone/Fax: (432) 687-4559
 Client Contact: Chris Rose Email:
 Project Name/No.: 14-6420787
 Site Name: East Hobbs Jan 14
 Site Location: Hobbs, NM
 Invoice To:

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
ML-19	1/24/11	0957		X	W	A	1	1	2	BTX 8021
					SL	P	16	-	1	TPH - GRC 8015
ML-14		1022				V	40	1	3	TPH - DRO 8015
						A	1	1	2	Chlorides
ML-18		0934				P	16	-	1	
						V	40	1	2	
ML-12		1052				P	16	-	1	
						V	40	1	3	
						A	1	1	2	

Client/Consultant Remarks: _____
 Laboratory remarks: _____

Special Reporting Requirements Results: Fax Email PDF Special Detection Limits (specify): _____
 Standard QC Level 3 QC Level 4 QC TX TRAP LA RECAP

1. Requisitioned by Sampler: Henry Travers date: 1/20/11 time: 12:00
 2. Received by: _____
 3. Requisitioned by: _____ date: _____ time: _____
 4. Received by: _____
 5. Relinquished by: _____ date: 1/27/11 time: 0910
 6. Received by Laboratory: [Signature]

Intact? Y N
 Ice?
 Temp: 0/5
 PW/ review (initial): _____

Requested TAT
 1 Business Day Contract
 2 Business Days Standard
 3 Business Days
 Other _____
 Rush TAT requires prior notice

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



Analysis Request & Chain of Custody Record

SPL, Inc.

SPL Workorder No.

306080

H11010414 page 6 of 27

Requested Analysis

Client Name: *Krya Ziel*
 Address: *1510 N 31st Street* State: *TX* Zip: *75205*
 City: *Midland* Phone/Fax: *681-682-4457*
 Client Contact: *Greg Piza* Email:
 Project Name/No: *114 6400781*
 Site Name: *East Hobbs Junction*
 Site Location: *Hobbs, NM*
 Invoice To:

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
<i>MW-12</i>	<i>1/26/11</i>	<i>1652</i>		<i>X</i>	<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>Chlorides</i>
<i>SVE-10</i>		<i>1110</i>			<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>A</i>	<i>1</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>	<i>3</i>	
					<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>3</i>	
					<i>P</i>	<i>1L</i>	<i>1</i>	<i>1</i>		



Analysis Request & Chain of Custody Record

SPL, Inc.

Client Name: THE TELL
 Address: 1410 N Bx Sports State: TX Zip: 79705
 City: Mckinland
 Phone/Fax: (432) 682-4559
 Client Contact: Greg Roper Email:
 Project Name/No.: 114-600787
 Site Name: East Hobbs Junction
 Site Location: Hobbs, NM
 Invoice To:
 Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
D [#] 2	1/26/11			X	W	V	40	1	6	BTEX 8015
				X	A	A	1	1	3	TPH - G20 8015
				X	P	V	16	1	2	TPH - DR0 8015
Tip Blank		1200			V	V	40	1	1	Chlorides

Client/Consultant Remarks:
 Laboratory remarks:
 Intact? Y N
 Ice? Y N
 Temp: 3.0/3.0
 PM review (initials):

SPL Workorder No.

306081

H11010414

page 7 of 7

Requested TAT

1 Business Day Contract
 2 Business Days Standard
 3 Business Days
 Other
 Rush TAT requires prior notice

Special Reporting Requirements Results: Fax Email PDF
 Standard QC Level 3 QC Level 4 QC TX TRIP LA RECAP
 1. Relinquished by Sampler: Johny Thompson date: 1/26/11 time: 1200
 3. Relinquished by: Johny Thompson date: 1/27/11 time: 0910
 5. Relinquished by: Johny Thompson date: 1/27/11 time: 0910
 2. Received by: Johny Thompson
 4. Received by: Johny Thompson
 6. Received by: Johny Thompson

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.

306075



H11010414

1 of 7

Analysis

Client Name: Tetra Tech

Address: 110 N Big Spring State TX Zip 75001

City: Midland

Phone/Fax: (432) 682-4559 Email:

Client Contact: Bryg Post

Project Name/No.: 114-CH00787

Site Name: East Hobbs Junction

Site Location: Hobbs DM

Invoice To:

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	Number of Containers	BTEX	TPH	Chlorides	Infect?	Ice?	Temp	PM/initial
MM-21	1/25/11	1235		X	W	V	40	1	6	3	3				
						A	1	1	2		2				
						P	16	-	1		1				
MM-1L		1252				V	40	1	6	3	3				
						A	1	1	2		2				
						P	16	-	1		1				
MM-20		1307				V	40	1	6	3	3				
						A	1	1	2		2				
						P	16	-	1		1				
MM-25		1331				V	40	1	6	3	3				

Client/Consultant Remarks: _____ Laboratory remarks: _____

Requested TAT

- 1 Business Day Contract
- 2 Business Days Standard
- 3 Business Days
- Other _____

Rush TAT requires prior notice

Special Reporting Requirements Results:

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

1. Relinquished by Sampler: _____

3. Relinquished by: Henry Thorsworth

5. Relinquished by: _____

Special Detection Limits (specify):

2. Received by: _____

4. Received by: _____

6. Received by Laboratory: _____

Infect? Y N
Ice? Y N
Temp 3.0 Y N

PM/initial: _____

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

500 Ambassador Cafery 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.

306076

A11010414 page 2 of 7

Client Name: Tetra Tech

Address: 1910 N 13 1/2 Spkys State TX Zip 74108

City: Midland

Phone/Fax: (432) 682-4559

Client Contact: Grae Page Email:

Project Name/No.: 114-0400787

Site Name: East Hobbs Junction

Site Location: Hobbs, NM

Invoice To:

Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis
MW-25	1/26/11	1331		X	W	A	1	1	2	BTEX - 8021
						P	16	-	1	
MW-24		1347			Y	Y	40	1	6	3
						A	1	1	2	
MW-15		1405			P	P	16	-	1	
						A	1	1	2	
						V	40	1	6	3
MW-4		1421			V	V	40	1	6	3
						A	1	1	2	

Client/Consultant Remarks: Laboratory remarks:

Intact? Y
Ice? Y
Temp? 3.0 3.0
P/M review (initial): BY

Requested TAT

- 1 Business Day
- 2 Business Days
- 3 Business Days
- Other

Special Reporting Requirements Results:

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

Special Detection Limits (specify):

1. Relinquished by Sampler: Johny Tinsworth date 1/26/11 time 1700

3. Relinquished by: Johny Tinsworth date 1/26/11 time 1700

5. Relinquished by: Johny Tinsworth date 1/26/11 time 1700

2. Received by: [Signature] date 1/26/11 time 1700

4. Received by: [Signature] date 1/26/11 time 1700

6. Received by Laboratory: [Signature] date 1/26/11 time 1700

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.

306078

Client Name: Tetra Tech

Address: 1915 N. Big Springs

City: Midland State: TX Zip: 79701

Phone/Fax: (432) 682-4554

Client Contact: Greg Pope Email:

Project Name/No.: 14-6400787

Site Name: East Hobbs Junction

Site Location: Hobbs, NM

Invoice To:

SAMPLE ID

DATE

TIME

comp

grab

matrix
W=water S=soil O=oil A=air
SL=sludge E=encore 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 8021

TPH-GRO 8015

TPH-DRG 8015

Chlorides

Requested Analysis

page 4 of 7

Client/Consultant Remarks:

Laboratory remarks:

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis		
MJ-23	1/26/11	0909		X	W	V	40	1	4	3	3	
						A	1	1	2			
						P	1L	-	1			
MJ-22		0925			V	V	40	1	4	3	3	
						A	1	1	2			
						P	1L	-	1			
MJ-13		0945			V	V	40	1	4	3	3	
						A	1	1	2			
						P	1L	-	1			
MJ-19		0957			V	V	40	1	4	3	3	
						A	1	1	2			
						P	1L	-	1			

Intact? Y N
Ice? Y N
Temp: 3.0 | 3.0

PM review (initial):

Requested TAT

1 Business Day Contract

2 Business Days Standard

3 Business Days

Other

Rush TAT requires prior notice

Special Reporting Requirements Results:

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

Special Detection Limits (specify):

1. Relinquished by Sampler: Johnny Thacker date: 1/26/11 time: 1700

2. Received by: _____

3. Relinquished by: _____ date: _____ time: _____

4. Received by: _____

5. Relinquished by: _____ date: 1/27/11 time: 0915

6. Received by Laboratory: [Signature]

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Houston, TX 77054 (713) 660-0901

500 Ambassador Cafery 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.

306079

A11010M14

page 5 of 7

Requested Analysis

Client Name: Terra Tek

Address: 1910 N. 13th Springs

City: Midland State TX Zip 79701

Phone/Fax: (432) 682-4559

Client Contact: Greg Pope Email:

Project Name/No.: 14-6400787

Site Name: East Hobbs Junction

Site Location: Hobbs, NM

Invoice To:

Ph:

SAMPLE ID	DATE	TIME	comp	grab
MW-19	1/26/11	0957		X
MW-14		1022		
MW-18		0934		
MW-12		1052		

matrix	bottle	size	pres.	Number of Containers	Requested Analysis
W=water S=soil O=oil A=air SL=sludge E=encore X=other	P=plastic A=amber glass G=glass V=vial X=other	1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other	1=HCl 2=HNO3 3=H2SO4 X=other		BTEX 8021 TPH - GRO 8015 TPH - BRO 8015 Chlorides

Client/Consultant Remarks:

Laboratory remarks:

Intact? Y N Ice? Y N Temp 2.0 3.0 PM review (initial):

Requested TAT

- 1 Business Day Contract
- 2 Business Days Standard
- 3 Business Days
- Other

Rush TAT requires prior notice

Special Reporting Requirements Results:

Standard QC Level 3 QC Level 4 QC TX TRRP IA RECAP

Special Detection Limits (specify):

1. Relinquished by Sampler:

Johny Tisearch

2. Received by:

Received by:

5. Relinquished by:

date 1/27/11 time 0910

6. Received by Laboratory:

Received by Laboratory:

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500 Ambassador Cafery 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.

306080

411010414 page 6 of 27

Requested Analysis

Client Name: *Tetra Tech*
Address: 1410 N 13th St
City: *Midland* State: *TX* Zip: *79701*
Phone/Fax: *632 682-4555*
Client Contact: *Greg Rose* Email:
Project Name/No.: *14-6406783*
Site Name: *East Hobbs Junction*
Site Location: *Hobbs, NMA*
Invoice To:

SAMPLE ID	DATE	TIME	comp	grab
<i>MD-12</i>	<i>1/21/11</i>	<i>1052</i>		<i>X</i>
<i>5VE-10</i>		<i>1115</i>		
<i>SI</i>				
<i>SI</i>				
<i>MD-C</i>		<i>1122</i>		

matrix	bottle	size	pres.	Number of Containers
<i>W</i>	<i>P</i>	<i>1L</i>	<i>-</i>	<i>1</i>
<i>V</i>	<i>V</i>	<i>40</i>	<i>1</i>	<i>3</i>
<i>A</i>	<i>A</i>	<i>1</i>	<i>1</i>	<i>2</i>
<i>P</i>	<i>P</i>	<i>1L</i>	<i>-</i>	<i>1</i>
<i>V</i>	<i>V</i>	<i>40</i>	<i>1</i>	<i>3</i>
<i>A</i>	<i>A</i>	<i>1</i>	<i>1</i>	<i>2</i>
<i>P</i>	<i>P</i>	<i>1L</i>	<i>-</i>	<i>1</i>
<i>V</i>	<i>V</i>	<i>40</i>	<i>1</i>	<i>3</i>
<i>A</i>	<i>A</i>	<i>1</i>	<i>1</i>	<i>2</i>
<i>P</i>	<i>P</i>	<i>1L</i>	<i>-</i>	<i>1</i>

W=water S=soil O=oil A=air
SL=sludge E=encore X=other
P=plastic A=amber glass
G=glass V=vial X=other
1=1 liter 4=4oz 40=vial
8=8oz 16=16oz X=other
1=HCl 2=HNO3
3=H2SO4 X=other

BTEX 8021
TPH - GRO 8015
TPH - DRO 8015
Chlorides

Client/Consultant Remarks:
Laboratory remarks:

Requested TAT
 1 Business Day Contract
 2 Business Days Standard
 3 Business Days
 Other
 Rush TAT requires prior notice

Special Reporting Requirements Results: Fax Email PDF
 Standard QC Level 3 QC Level 4 QC TX TRRP LA RECAP
 1. Relinquished by Sampler: *Mary Theriault* date: *1/21/11* time: *1200*
 2. Received by:
 3. Relinquished by: date: time:
 4. Received by:
 5. Relinquished by: date: time:
 6. Received by Laboratory: *[Signature]* date: time:

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 500 Ambassador Caffery Parkway
Scott, LA 70583 (337) 237-4775
 459 Hughes Drive
Traverse City, MI 49686 (231) 947-5777

Intact? Y N
Ice? Y N
Temp: *3.0* Y N
PM review (initial):



Analysis Request & Chain of Custody Record

SPL, Inc.

SPL Workorder No.

306081

A 11010414

page 7 of 7

Client Name: *Tetra Tech*

Address: 1910 N. Big Springs

City: *Midland* State: *TX* Zip: *79701*

Phone/Fax: *(432) 682-4559*

Client Contact: *Greg Repr* Email:

Project Name/No.: *114-6400787*

Site Name: *East Hobbs Junction*

Site Location: *Hobbs, NM*

Invoice To:

SAMPLE ID

DATE

TIME

comp

grab

Ph:

matrix

bottle

size

pres.

Number of Containers

Requested Analysis

Intact?

Ice?

Temp:

PML view (initial):

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis	Intact?	Ice?	Temp:	PML view (initial):
<i>Dup #2</i>	<i>1/26/11</i>	<i>1200</i>		<i>X</i>	<i>W</i>	<i>V</i>	<i>40</i>	<i>1</i>	<i>6</i>	<i>BTEX 8021</i>	<input type="checkbox"/>	<input type="checkbox"/>		<i>YY</i>
				<i>X</i>	<i>A</i>	<i>1</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>TPH - G120 8015</i>	<input type="checkbox"/>	<input type="checkbox"/>		<i>YY</i>
				<i>X</i>	<i>P</i>	<i>16</i>	<i>1</i>	<i>1</i>	<i>2</i>	<i>TPH - D20 8015</i>	<input type="checkbox"/>	<input type="checkbox"/>		<i>YY</i>
<i>Top Blank</i>		<i>1200</i>			<i>V</i>	<i>40</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>Chlorides</i>	<input type="checkbox"/>	<input type="checkbox"/>		<i>NN</i>

Client/Consultant Remarks:

Laboratory remarks:

Requested TAT

- 1 Business Day Contract
- 2 Business Days Standard
- 3 Business Days
- Other _____

Rush TAT requires prior notice

Special Reporting Requirements Results:

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

Special Detection Limits (specify):

1. Relinquished by Sampler: *Johnny Thibault*

3. Relinquished by: *Johnny Thibault*

5. Relinquished by: *1/27/11*

2. Received by:

4. Received by:

6. Received by: *Lab*

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