AP - 54

ANNUAL MONITORING REPORT

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2010 ANNUAL GROUNDWATER MONITORING REPORT
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO
PLAINS SRS # 2003-00017

Section 26, Township 18 South, Range 37 East

PREPARED FOR:

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February 28, 2011

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ALL AMERICAN

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March 23, 2011

Mr. Edward Hansen
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Plains All American – 2010 Annual Monitoring Reports
6 Sites in Lea County, New Mexico

Dear Mr. Hansen:

Plains All American is an operator of crude oil pipelines and terminal facilities in the state of New Mexico. Plains All American actively monitors certain historical release sites exhibiting groundwater impacts, consistent with assessments and work plans developed in consultation with the New Mexico Oil Conservation Division (NMOCD). In accordance with the rules and regulations of the NMOCD, Plains All American hereby submits our Annual Monitoring reports for the following sites:

8-inch Moore to Jal #1	AP-91 (1R-0380)	Section 16, T17S, R37E, Lea County
8-inch Moore to Jal #2	AP-92 (1R-0381)	Section 16, T17S, R37E, Lea County
C.S. Cayler	AP-052	Section 06, T17S, R37E, Lea County
Hobbs Junction Mainline	AP-054	Section 26, T18S, R37E, Lea County
Kimbrough Sweet 8-inch	AP-0029	Section 03, T18S, R37E, Lea County
Lovington Deep 6-inch	AP-037	Section 03, T18S, R37E, Lea County

Talon/LPE (Talon) prepared these documents and has vouched for their accuracy and completeness, and on behalf of Plains All American, I have personally reviewed the documents and interviewed Talon personnel in order to verify the accuracy and completeness of these documents. It is based upon these inquiries and reviews that Plains All American submits the enclosed Annual Monitoring Reports for the above facilities.

If you have any questions or require further information, please contact me at (575) 441-1099.

Sincerely,

Jason Henry

Jason Henry
Remediation Coordinator
Plains All American

CC: Geoff Leking, NMOCD, Hobbs, NM

Enclosures

2010 ANNUAL GROUNDWATER MONITORING REPORT

HOBBS JUNCTION MAINLINE
LEA COUNTY, NEW MEXICO
NMOCD REF. # AP-054

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TALON/LPE PROJECT NO. 700376.052.01

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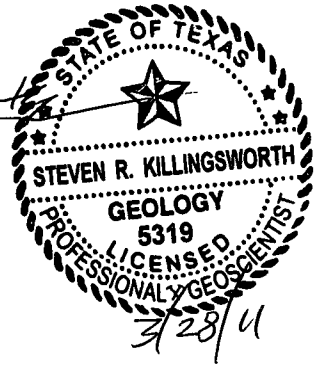

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February 2011

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NMOCD – New Mexico Oil Conservation Division
NMSLO – New Mexico State Land Office

TABLE OF CONTENTS

1.0 INTRODUCTION 1

1.1 Introduction and Site Background 1
1.2 Site Geology 1
1.3 Previous Environmental Investigations 1
1.4 Regulatory Framework 2

2 SITE ACTIVITIES 3

2.1 Groundwater Monitoring Activities 3
2.2 Groundwater Gauging, Purging, and Sampling Procedures 4
2.3 Phase Separated Hydrocarbon and Groundwater Recovery 4

3 GROUNDWATER MONITORING RESULTS 6

3.1 Groundwater Monitoring Results 6
3.1.1 Physical Characteristics of the First Water-Bearing Zone 6
3.1.2 Groundwater Gradient and Flow Direction 6
3.1.3 Phase Separated Hydrocarbon (PSH) 7
3.1.4 Groundwater Sampling Results 8

4 CONCLUSIONS AND RECOMMENDATIONS 11

4.1 Summary of Findings 11
4.2 Recommendations 11

APPENDICES

Appendix A Figures

Figure 1 – Site Plan

Figure 2a – Groundwater Gradient Map – 02/16/2010

Figure 2b – Groundwater Gradient Map – 06/03/2010

Figure 2c – Groundwater Gradient Map – 09/20/2010

Figure 2d – Groundwater Gradient Map – 12/27/2010

Figure 3a – PSH Thickness & Groundwater Concentration Map – 02/16/2010

Figure 3b – PSH Thickness & Groundwater Concentration Map – 06/03/2010

Figure 3c – PSH Thickness & Groundwater Concentration Map – 09/21/2010

Figure 3d – PSH Thickness & Groundwater Concentration Map – 12/27/2010

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Appendix B Tables

Table 1 – Summary of Historical Fluid Level Measurements

Table 2 – Summary of Groundwater Analytical Data

Appendix C Laboratory Analytical Data Reports and Chains of Custody Documentation

Appendix D Regulatory Documentation NMOCD Initial C-141

1.0 INTRODUCTION

1.1 Introduction and Site Background

The Hobbs Junction Mainline site is located approximately three miles west of Hobbs, in Lea County, New Mexico. The GPS coordinates of this site are 32° 42' 40.85" latitude and 103° 13' 42.01" longitude. The land on the southern portion of the site is owned by Ms. Faye Klein and the land on the northern portion of the site is owned by the State of New Mexico. A site plan is provided as Figure 1 included in Appendix A.

1.2 Site Geology

The surface deposits in Lea County are composed of Blackwater Draw (Illinoian) sediments, Ogallala sediments and undivided Quaternary alluvium, which is also termed 'cover sands'. The soil in the upper two (2) feet at the site composed of gravelly loam that contains abundant eroded gravel to cobble size caliche fragments. Below the top soil is predominately unconsolidated sand to weakly cemented sandstone which has undergone calichification of varying extent.

Below the Blackwater Draw Formation is the Ogallala Formation of Miocene to Pliocene age. The Ogallala Formation was deposited from sediments eroded from the Southern Rockies and consists mostly of eolian sediments, silty to very fine sand or loess. During the middle to late Miocene, the Ogallala was deposited by fluvial mechanism as paleovalley fill composed of gravelly to sandy braided stream deposits that trended west to east across the Southern High Plains. During the late Miocene the west to east drainage was diverted (captured) by the Pecos River. Subsequently, the Pecos River basin has experienced deflation, which facilitated eolian deposition on the Southern High Plains during the Pliocene.

1.3 Previous Environmental Investigations

In addition to the soil evaluation at the site, a total of 24 monitor wells were installed in the vicinity of the release (see Figure 1). Initial delineation activities began on February 13, 2003, by advancing a soil boring BH-1 to 28 feet below ground surface (bgs) where a well indurated caliche layer prevented further progress of the hollow stem auger. On March 5, 2003, using an air rotary rig, monitor wells MW-1 and MW-2 were installed to groundwater in order to evaluate the presence of phase separated hydrocarbons (PSH). Monitor wells MW-1 and MW-2 were impacted with PSH; therefore, monitor wells MW-3 through MW-6 were installed in August 2003. After developing monitor wells MW-3 through MW-6, PSH was also detected in those wells. On January 19 and 20, 2004, monitor wells MW-7 through MW-13 were installed in order to delineate the dissolved-phase plume. Subsequent to development, PSH was detected in monitor well MW-12. Monitor wells MW-14 through MW-17 were installed on May 24, 2004, outside the release perimeter. PSH was detected in monitor wells MW-14 and MW-17. Monitor wells MW-18 through MW-20 were installed in November 2006, and monitor wells MW-21 and MW-22 were installed on December 5, 2007, to further delineate the dissolved phase plume. Monitor wells MW-23 and MW-24 were installed on March 17, 2008 as requested by the New Mexico Oil Conservation Division (NMOCD), in order to further delineate the dissolved phase plume towards the southeast.

A quarterly groundwater monitoring program was implemented for the site and PSH recovery utilizing an automated eductor system was operated from March 2004 to March 2007. In March 2007, the eductor system was replaced with an automated pneumatic skimmer PSH recovery system. A total of eight (8) skimmer pumps were installed in monitor wells MW-1, MW-2, MW-3, MW-4, MW-6, MW-12, MW-14, and MW-17 and a total fluid pump was installed in monitor well MW-5.

Currently, there are two (2) pneumatic specific gravity skimmers and bladder pumps in monitor wells MW-11 and MW-14 and nine (9) pneumatic total fluids pumps in monitor wells MW-1, through MW-6, MW-12, MW-15, and MW-17. The recovered water is transferred to Occidental Permian's North Hobbs Satellite disposal facility via flow-line and the recovered oil is collected with a vacuum truck and transported to the Plains 34 Junction South Station and re-introduced into the pipeline system.

1.4 Regulatory Framework

Groundwater analytical data collected from monitor wells during quarterly groundwater monitoring events at this site is evaluated to the New Mexico Water Quality Control Commission (NMWQCC) groundwater standards listed in the table below.

New Mexico Water Quality Control Commission (NMWQCC) groundwater standards	
Compound	**mg/L**
Benzene	0.010
Toluene	0.750
Ethylbenzene	0.750
Total Xylenes	0.620
PAH (Naphthalene)	0.030
PAH (Benzo[a]-pyrene)	0.007

The ensuing sections in the report provide summaries of the groundwater monitoring activities conducted at the site as well as analytical results from each groundwater sampling event in 2010. Analytical results for the four sampling events are presented in Table 2, in Appendix B, and Figures 3a through 3d in Appendix A. Fluid level measurements are provided in Table 1, Appendix B and gradient maps are presented as Figures 2a through 2d in Appendix A. Laboratory analytical reports and chains of custody documentation are included in Appendix C. In addition, this report and all attachments are included in the attached CD, which is an adjunct to this report.

2.0 SITE ACTIVITIES

The sections that follow summarize groundwater monitoring and PSH recovery activities conducted at the subject site during the year 2010. The primary function of groundwater monitoring activities is to collect depth to fluid measurements and collect groundwater samples for laboratory analysis. The objective of groundwater monitoring is to evaluate the status of the dissolved-phase and PSH plumes in order to verify the effectiveness of the remediation system as to inhibiting plume migration, reducing the volume of PSH impacting the groundwater and determining if modifications to the remediation system would improve its performance and efficiency.

2.1 Groundwater Monitoring Activities

A total of four groundwater monitoring events were conducted by Talon/LPE: February 16, 2010; June 3, 2010; September 2, 2010; and December 27, 2010.

During the February 2010 groundwater monitoring event, all monitor wells were gauged using an interface probe. Nine (9) monitor wells not impacted with PSH (MW-10, MW-16, and MW-18 through MW-24) were purged a minimum of three (3) casing volumes and groundwater samples were collected. Eleven (11) monitor wells (MW-1 through MW-6, MW-11, MW-12, MW-14, MW-15, and MW-17) were not sampled due to the presence of PSH. Samples were not collected from four monitor wells (MW-7, MW-8, MW-9, and MW-13) since they are scheduled for sample collection on an annual basis. Details of the gauging, purging, and sample collection activities are presented in Section 2.3.

During the June 2010 groundwater monitoring event, all monitor wells were gauged using an interface probe. Eight (8) monitor wells not impacted with PSH (MW-10 and MW-18 through MW-24) were purged a minimum of three (3) casing volumes and groundwater samples were collected. Twelve (12) monitor wells (MW-1 through MW-6, MW-11, MW-12, MW-14, MW-15, MW-16, and MW-17) were not sampled due to the presence of PSH. Samples were not collected from four monitor wells (MW-7, MW-8, MW-9, and MW-13) since they are scheduled for sample collection on an annual basis. Details of the gauging, purging, and sample collection activities are presented in Section 2.3.

During the September 2010 groundwater monitoring event, all monitor wells were gauged with an interface probe. Nine (9) monitor wells not impacted with PSH (MW-7, MW-8, MW-9, MW-13, MW-18, MW-19, MW-21, MW-22, MW-23) were purged of a minimum of three (3) casing volumes and groundwater samples were collected. Fourteen (14) monitor wells (MW-1 through MW-6, MW-10, MW-12, MW-12, MW-14, MW-15, MW-16, MW-17, and MW-20) were not sampled due to the presence of PSH. In addition, a groundwater sample was not collected from MW-24 because the well could not be located. Details of the gauging, purging, and sample collection activities are presented in Section 2.3.

During the December 2010 groundwater monitoring event, all monitor wells were gauged using an interface probe. Subsequent to purging three (3) casing volumes, groundwater samples were collected from nine (9) monitor wells (MW-7, MW-9, MW-13, MW-18, MW-19, MW-21, MW-22, and MW-23). Samples were not collected from fourteen (14) monitor wells (MW-1 through

MW-6, MW-8, MW-10, MW-11, MW-12, MW-14, MW-15, MW-16, MW-17, and MW-20) due to the presence of PSH. In addition, a groundwater sample was not collected from MW-24 because the well could not be located. Details of the gauging, purging, and sample collection activities are presented in Section 2.3.

2.2 Groundwater Gauging, Purging, and Sampling Procedures

During each groundwater monitoring event, all monitor wells were measured to determine static water levels and to monitor the presence and/or absence of PSH accumulations. The top of groundwater elevation was corrected in monitor wells impacted with PSH by the following equation: Corrected groundwater elevation = the surveyed top of casing elevation – (measured depth to water – (PSH thickness x the specific gravity of the PSH). Measured groundwater depths and elevations collected during the sampling events, along with historical measurements, are presented in Table 1 – Summary of Historical Fluid Level Measurements and contoured gradient maps are located in Appendix A.

All wells not impacted with PSH were purged a minimum of three (3) well volumes prior to sample collection. All 2-inch diameter monitor wells were purged utilizing dedicated disposable polyethylene bailers. All 4-inch monitor wells were purged utilizing a pump and vinyl tubing. The pumps and tubing used to purge the wells were decontaminated with Alconox® detergent and rinsed with distilled water prior to initial use and between sample collection events. All recovered groundwater from purging activities and recovered water used in the decontamination process was contained onsite in the system recovery tank until the water was transferred to the North Hobbs Unit disposal facility. An approximate total of 278 gallons of groundwater was purged during the four (4) quarterly groundwater monitoring events.

Groundwater samples were collected from monitoring wells not impacted with PSH utilizing dedicated disposable polyethylene bailers. The collected groundwater samples were transferred from the disposable bailer into laboratory supplied sample containers infused with the appropriate preservative for the analysis requested. The groundwater samples were maintained on ice in the custody of Talon/LPE, until delivery to TraceAnalysis, Inc. laboratory in Midland, Texas for analysis. The collected samples were quantified for benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method SW-846 8021B.

2.3 Phase Separated Hydrocarbon and Groundwater Recovery

During the year of 2010, two (2) specific gravity skimmers were operating in monitor wells MW-11 and MW-14 and nine (9) pneumatic total fluids pumps were operating in monitor wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-12, MW-15, and MW-15.

The recovered crude oil and groundwater was expelled by the pumps to a 350 barrel frac tank used as a settling tank where the oil and water are separated. The tank is equipped with a float switch, which operates a transfer pump. When the pump is engaged, the recovered water is transferred to Occidental Permian's North Hobbs Satellite disposal facility via flow line. The recovered oil, that remains in the frac tank, is periodically collected with a vacuum truck and transported to the Plains 34 Junction South Station where it is re-introduced into the pipeline system.

During 2010 the quarterly groundwater and PSH recovery totals are as followed:

- 1st Quarter – approximately 27 bbls of oil and 4,209 bbls of water
- 2nd Quarter – approximately 110 bbls of oil and 18,629 bbls of water
- 3rd Quarter – approximately 31 bbls of oil and 10,365 bbls of water
- 4th Quarter – approximately 71 bbls of oil and 11,858 bbls of water

Approximately 1,858 bbls of PSH has been recovered from the site to date.

3.0 GROUNDWATER MONITORING RESULTS

The results of the laboratory analyses are summarized in Table 2 – Summary of Groundwater Analytical Data in Appendix B. Laboratory analytical reports and chains of custody documentation are provided in Appendix C.

3.1 Groundwater Monitoring Results

The following sections present the results from the monitoring of the first water-bearing zone underlying the Hobbs Junction Mainline site.

3.1.1 Physical Characteristics of the First Water-Bearing Zone

The primary groundwater resource under the Southern High Plains, including the site, is referred to as the Ogallala Aquifer or High Plains Aquifer. The Southern portion of the Ogallala aquifer underlies an area of about 29,000 square miles (mi^2) in western Texas and eastern New Mexico, encompassing all or part of 31 counties in Texas and 6 counties in New Mexico.

The Ogallala Aquifer has experienced acute depletion from extensive irrigation and urban demand, which has exceeded the average annual recharge rate. Recharge of the Ogallala Aquifer on the Southern High Plains occurs predominately from rainfall runoff that accumulates in ephemeral streams and playa lakes as well as direct recharge in areas that contain permeable soils such as sand hills. Recharge rates vary depending on mechanism, but averages from 0 to 1.6 inches per year.

The Ogallala Aquifer is generally unconfined and the poteniometric surface generally mirrors the land surface elevation with the regional flow direction is from the northwest to the southeast. The mean regional gradient is 15 feet per mile and the typical groundwater velocity averages seven inches per day. The regional hydraulic conductivity averages 17 gallons per day per square-foot and specific yield averages 16%. The depth to groundwater at the site has historically been approximately 40 feet below ground surface (bgs) and the groundwater flow direction is to the southeast at an average of 24 feet per mile.

The composition of Ogallala groundwater is defined as mixed-cation-HCO_3, therefore, Ogallala groundwater is considered hard. Problems with scale have occurred with residential and commercial water systems that use Ogallala groundwater and often treatment strategies are employed to reduce the effects of scale. The typical total dissolved solids of Ogallala groundwater in the Hobbs-Lovington area is generally less than 1,000 mg/L (ppm) in areas not impacted by oil-field brines. The pH of Ogallala water averages 7.3.

3.1.2 Groundwater Gradient and Flow Direction

Water level measurements were collected from all monitor wells during all four (4) groundwater monitoring events. The data collected is summarized in Table 1, Summary of Historical Fluid Level Measurements, presented in Appendix B.

Potentiometric surface contour maps were constructed from the four (4) water level measurement datasets. These maps are Figure 2a through Figure 2d presented in Appendix A.

The potentiometric surface map prepared from data collected from the February 2010 event was

contoured from water level elevations measured from all monitor wells. The water level elevations exhibit a general groundwater flow direction to the east-southeast with an approximate gradient of 0.0050 feet/foot or 26.9 feet/mile.

The potentiometric surface map prepared from data collected from the June 2010 event was contoured from water level elevations measured from all monitor wells. The water level elevations exhibit a general groundwater direction of flow to the east-southeast with an approximate gradient of 0.0048 feet/foot or 25.2 feet/mile.

The potentiometric surface map prepared from data collected from the September 2010 event was contoured from water level elevations measured from all monitor wells. The water level elevations exhibit a general groundwater direction of flow to the east-southeast with an approximate gradient of 0.0049 feet/foot or 26.0 feet/mile..

The potentiometric surface map prepared from data collected from the December 2010 event was contoured from water level elevations measured from all monitor wells. The water level elevations exhibit a general groundwater direction of flow to the east-southeast with an approximate gradient of 0.0050 feet/foot or 26.38 feet/mile.

Based on fluid elevations measured at this site, the groundwater flow direction within the first water-bearing zone underlying the Junction Mainline site is consistently towards the east-southeast.

3.1.3 Phase Separated Hydrocarbon (PSH)

The collection of water level measurement data was conducted using an oil/water interface probe, which was also used to determine the presence of PSH.

- In February 2010, PSH was observed in monitor wells MW-1 through MW-6, MW-11, MW-12, MW-14, MW-15, and MW-17. PSH thickness ranged from 3.91 feet in MW-11 to 5.62 feet in MW-5.
- In June 2010, PSH was observed in monitor wells MW-1 through MW-6, MW-11, MW-12, MW-14, MW-15, MW-16, and MW-17. PSH thickness ranged from 0.36 feet in MW-2 to 5.55 feet in MW-14.
- In September 2010, PSH was observed in monitor wells MW-1 through MW-6, MW-10, MW-11, MW-12, MW-14, MW-15, MW-16, MW-17, and MW-20. PSH thickness ranged from 1.36 feet in MW-10 to 5.23 feet in MW-14.
- In December 2010, PSH was observed in monitor wells MW-1 through MW-6, MW-8, MW-10, MW-11, MW-12, MW-14, MW-15, MW-16, MW-17, and MW-20. PSH thickness ranged from 0.14 feet in MW-8 to 6.02 feet in MW-12.

During the year of 2010, two (2) specific gravity skimmers were operating in monitor wells MW-11 and MW-14 and nine (9) pneumatic total fluids pumps were operating in monitor wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-12, MW-15, and MW-15. The PSH recovery system has recovered approximately 1,858 barrels of PSH to date. PSH thickness isopleths maps are presented as Figure 3a through Figure 3d in Appendix A.

3.1.4 Groundwater Sampling Results

During the February 2010 sampling event, groundwater samples were collected from monitor wells MW-10, MW-16, and MW-18 through MW-24. Analytical results from the collected groundwater samples exhibited the following qualities:

- Benzene concentrations ranged from <0.00100 mg/L to 24.0 mg/L. Benzene concentrations exceeded the New Mexico Water Quality Control Commission (NMWQCC) remediation limit of 0.010 mg/L in groundwater samples collected from monitor wells MW-10, MW-20, and MW-21.
- Toluene concentrations ranged from <0.00100 mg/L to 4.20 mg/L. Toluene concentrations exceeded the NMWQCC remediation threshold of 0.750 mg/L in the groundwater samples collected from monitor wells MW-10 and MW-20.
- Ethylbenzene concentrations ranged from <0.00100 mg/L to 1.68 mg/L. The ethylbenzene concentration exceeded the NMWQCC remediation threshold of 0.750 mg/L in the groundwater sample collected from monitor well MW-20.
- Xylene concentrations ranged from <0.00100 mg/L to 1.95 mg/L. Xylene concentrations exceeded the NMWQCC remediation threshold of 0.620 mg/L in groundwater samples collected from monitor wells MW-10 and MW-20.
- Groundwater samples were not collected from monitor wells MW-1 through MW-6, MW-11, MW-12, MW-14, MW-15, and MW-17 due to the presence of PSH.
- Groundwater samples were not collected from monitor wells MW-7, MW-8, MW-9, and MW-13, as those wells were not scheduled to be sampled during the first quarter.
- Dissolved-phase concentrations remained relatively stable except for monitor well MW-10, which exhibited a significant increase in benzene concentration.

During the June 2010 sample collection event, groundwater samples were collected from monitor wells MW-10, MW-16, and MW-18 through MW-24. Analytical results from the collected groundwater samples exhibited the following qualities:

- Benzene concentrations ranged from 0.00290 mg/L to 18.4 mg/L. Benzene concentrations exceeded the NMWQCC remediation threshold of 0.010 mg/L in groundwater samples collected from monitor wells MW-10 and MW-18 through MW-22.
- Toluene concentrations ranged from 0.00390 mg/L to 2.26 mg/L. Toluene concentrations exceeded the NMWQCC remediation threshold of 0.750 mg/L in the groundwater samples collected from monitor wells MW-10 and MW-20.
- Ethylbenzene concentrations ranged from <0.00100 mg/L to 1.36 mg/L. The ethylbenzene concentration exceeded the NMWQCC remediation threshold of 0.750 mg/L in the groundwater sample collected from monitor well MW-20.
- Xylene concentrations ranged from <0.00100 mg/L to 1.16 mg/L. The xylene concentration exceeded the NMWQCC remediation threshold of 0.620 mg/L in the groundwater sample collected from monitor well MW-20.
- Groundwater samples were not collected from monitor wells MW-1 through MW-6, MW-11, MW-12, MW-14, MW-15, MW-16, and MW-17 due to the presence of PSH.

- Groundwater samples were not collected from monitor wells MW-7, MW-8, MW-9, and MW-13, as those wells were not scheduled to be sampled during the second quarter.
- Dissolved-phase concentrations increased slightly in monitor wells that were not previously impacted with dissolved-phase BTEX. MW-10, immediately down-gradient from the PSH plume, exhibited a significant decrease in total BTEX concentrations

During the September 2010 groundwater monitoring event, groundwater samples were collected from monitor wells MW-7, MW-8, MW-9, MW-13, MW-18, MW-19, MW-21, MW-22, and MW-23. Analytical results from the collected groundwater samples exhibited the following qualities:

- Benzene concentrations ranged from <0.00100 mg/L to 6.64 mg/L. Benzene concentrations exceeded the NMWQCC remediation threshold of 0.010 mg/L in groundwater samples collected from monitor wells MW-19, MW-21, and MW-22.
- Toluene concentrations ranged from <0.00100 mg/L to 0.00690 mg/L. Toluene concentrations did not exceed the NMWQCC remediation threshold of 0.750 mg/L in any of the groundwater samples collected during this event.
- Ethylbenzene concentrations ranged from <0.00100 mg/L to 0.892 mg/L. The ethylbenzene concentration exceeded the NMWQCC remediation threshold of 0.750 mg/L in the groundwater sample collected from monitor wells MW-21.
- Xylene concentrations ranged from <0.00100 mg/L to 0.0583 mg/L. Total Xylene concentrations did not exceed the NMWQCC remediation threshold of 0.620 mg/L in any groundwater sample collected during this event.
- Groundwater samples were not collected from monitor wells MW-1 through MW-6, MW-10, MW-11, MW-12, MW-14, MW15, MW-16, MW-17, and MW-20 due to the presence of PSH.
- A groundwater sample was not collected from monitor well MW-24 because the well could not be located.
- Dissolved-phase concentrations generally remained stable except down gradient MW-21, which exhibited an increase in total BTEX also indicating that the plume may be expanding down-gradient.

During the December 2010 groundwater monitoring event, groundwater samples were collected from monitor wells MW-7, MW-9, MW-13, MW-18, MW-19, MW-21, MW-22, and MW-23. Groundwater samples collected from these wells exhibited the following qualities:

- Benzene concentrations ranged from <0.00100 mg/L to 11.7 mg/L. Benzene concentrations exceeded the NMWQCC remediation threshold of 0.010 mg/L in groundwater samples collected from monitor wells MW-21, and MW-22.
- Toluene concentrations ranged from <0.00100 mg/L to <0.0200 mg/L. Toluene concentrations did not exceed the NMWQCC remediation threshold of 0.750 mg/L in any of the groundwater samples collected during this event.
- Ethylbenzene concentrations ranged from <0.00100 mg/L to 0.998 mg/L. The ethylbenzene concentration exceeded the NMWQCC remediation threshold of 0.750

mg/L in the groundwater sample collected from monitor wells MW-21.

- Xylene concentrations ranged from <0.00100 mg/L to 0.343 mg/L. Total xylene concentrations did not exceed the NMWQCC remediation threshold of 0.620 mg/L in any groundwater sample collected during this event.
- Groundwater samples were not collected from monitor wells MW-1 through MW-6, MW-8, MW-10, MW-11, MW-12, MW-14, MW-15, MW-16, MW-17, and MW-20 due to the presence of PSH.
- A groundwater sample was not collected from monitor well MW-24 because the well could not be located.
- Dissolved-phase concentrations generally remained stable except down gradient monitor wells MW-21 and MW-22, which exhibited an increases in total BTEX indicating that the plume may be continuing to expand down-gradient.

For the year 2010, dissolved-phase concentrations have remained relatively stable except for increases in total BTEX exhibited in down-gradient monitor wells MW-21 and MW-22 indicating that the dissolved-phase plume is migrating down-gradient.

The results of the laboratory analyses are summarized in Table 2 – Summary of Historical Groundwater Analytical Data in Appendix B. Laboratory analytical data reports and chain of custody documentation are provided in Appendix C. In addition, cumulative historical analytical results are on the attached CD, which is an adjunct to this report.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The following section presents a summary of the groundwater monitoring events conducted at the Hobbs Junction Mainline site and provides recommendations for future actions.

4.1 Summary of Findings

- The groundwater flow direction in the first water-bearing zone is to the east to southeast based upon the water level measurement data collected to date.
- Down-gradient monitor well MW-23 did not exhibit BTEX concentrations above NMWQCC standards during the four (4) quarterly groundwater monitoring events. Down gradient monitor well MW-24 did not exhibit BTEX concentrations above NMWQCC standards during the first and second quarter. Samples were not collected from MW-24 during the third and fourth quarter sampling events.
- Throughout the year 2010, dissolved-phase concentrations have increased in down-gradient monitor wells MW-21 and MW-22 indicating that the dissolved-phase plume may be migrating slowly down-gradient.
- PSH has impacted four (4) previously non-impacted monitor well (MW-8, MW-10, MW-16, and MW-20) during the year 2010 indicating that the PSH plume may be expanding.
- Currently, the number and locations of the existing monitor well array is adequate to delineate the PSH and dissolved-phase plumes.

4.2 Recommendations

Based upon the results of the quarterly groundwater monitoring and PSH recovery efforts, Talon/LPE proposes the following actions:

- Continue the quarterly groundwater monitoring program with quarterly updates and annual reporting in accordance with NMOCD directives.
- Continue PSH recovery utilizing skimmers and total fluid pumps. Install additional skimmers and bladder pumps in down-gradient monitor wells MW-10 and MW-20.
- Continue collecting groundwater samples for quantification of BTEX from monitor wells MW-7, MW-8, MW-9, and MW-13 on an annual basis.
- On April 17, 2008, a Corrective Action Plan Addendum was submitted to the NMOCD to address aggressive soil and PSH remediation. Approval of this plan by the NMOCD is pending.

APPENDIX A

Drawings

Figure 1 - Site Plan

Figure 2a - Groundwater Gradient Map – 02/16/2010

Figure 2b - Groundwater Gradient Map – 6/03/2010

Figure 2c - Groundwater Gradient Map – 9/20/2010

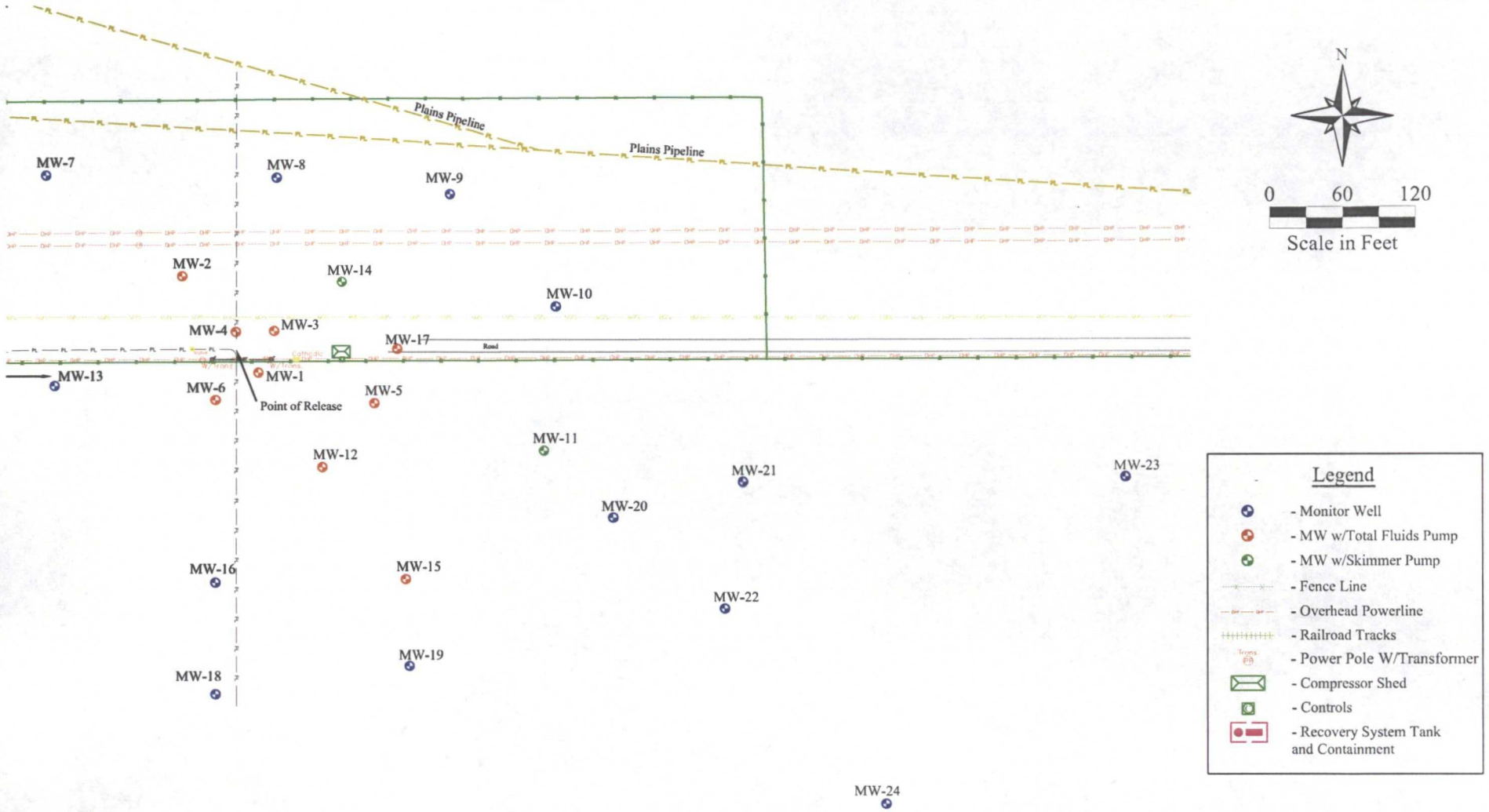
Figure 2d - Groundwater Gradient Map – 12/27/2010

Figure 3a – PSH Thickness & Groundwater Concentration Map – 02/16/2010

Figure 3b - PSH Thickness & Groundwater Concentration Map – 6/03/2010

Figure 3c - PSH Thickness & Groundwater Concentration Map – 9/21/2010

Figure 3d - PSH Thickness & Groundwater Concentration Map – 12/27/2010



Project # 700376.052.01

TALON LPE

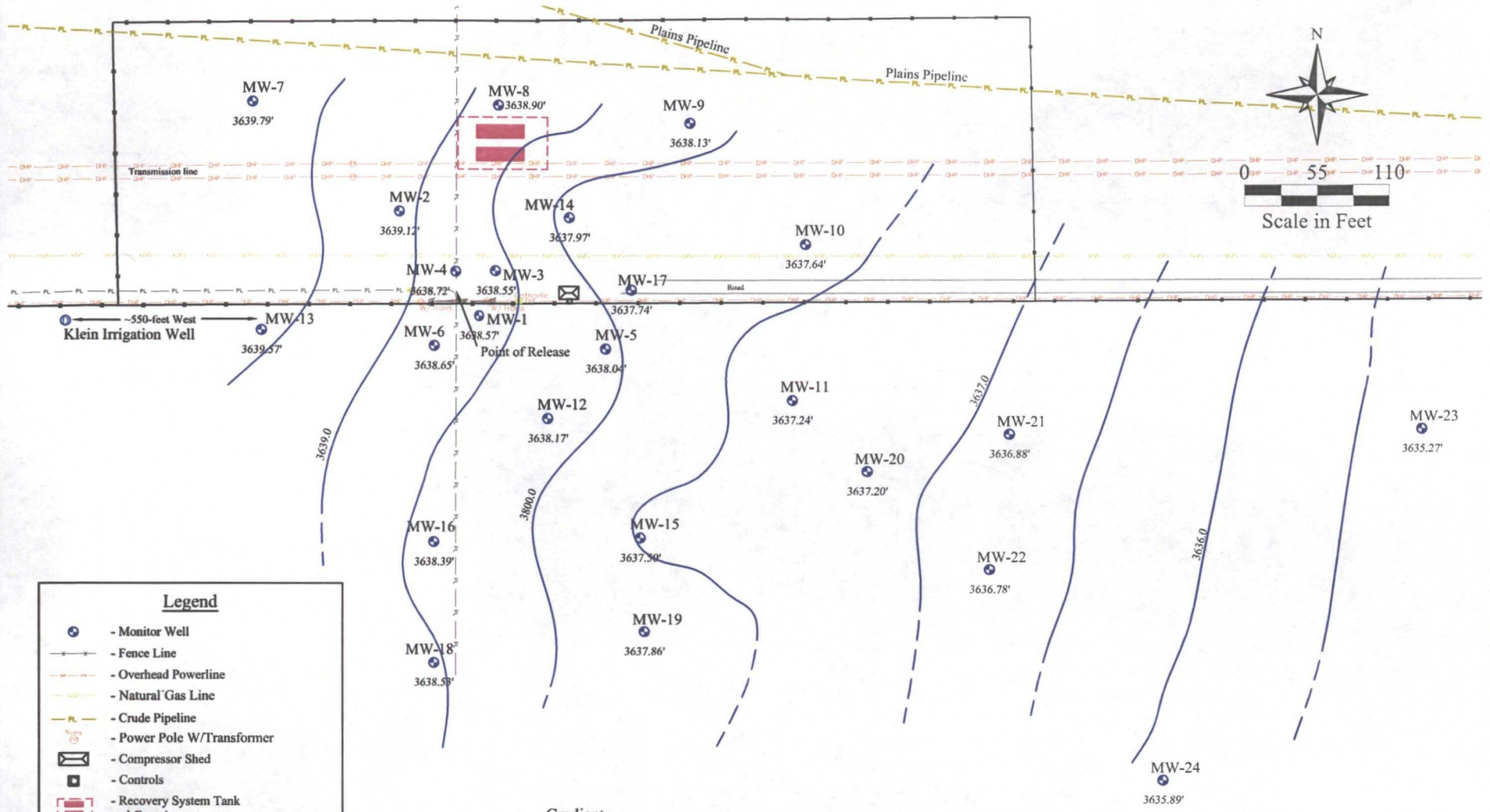
Date:	12/07/2009
Scale:	1" = 120'
Drawn By:	TJS

Hobbs Junction Mainline

SRS # 2003-00017, NMOCD REF. # AP-054

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico

Figure 1 - Site Plan



Project = 700376.052.01

TALON LPE

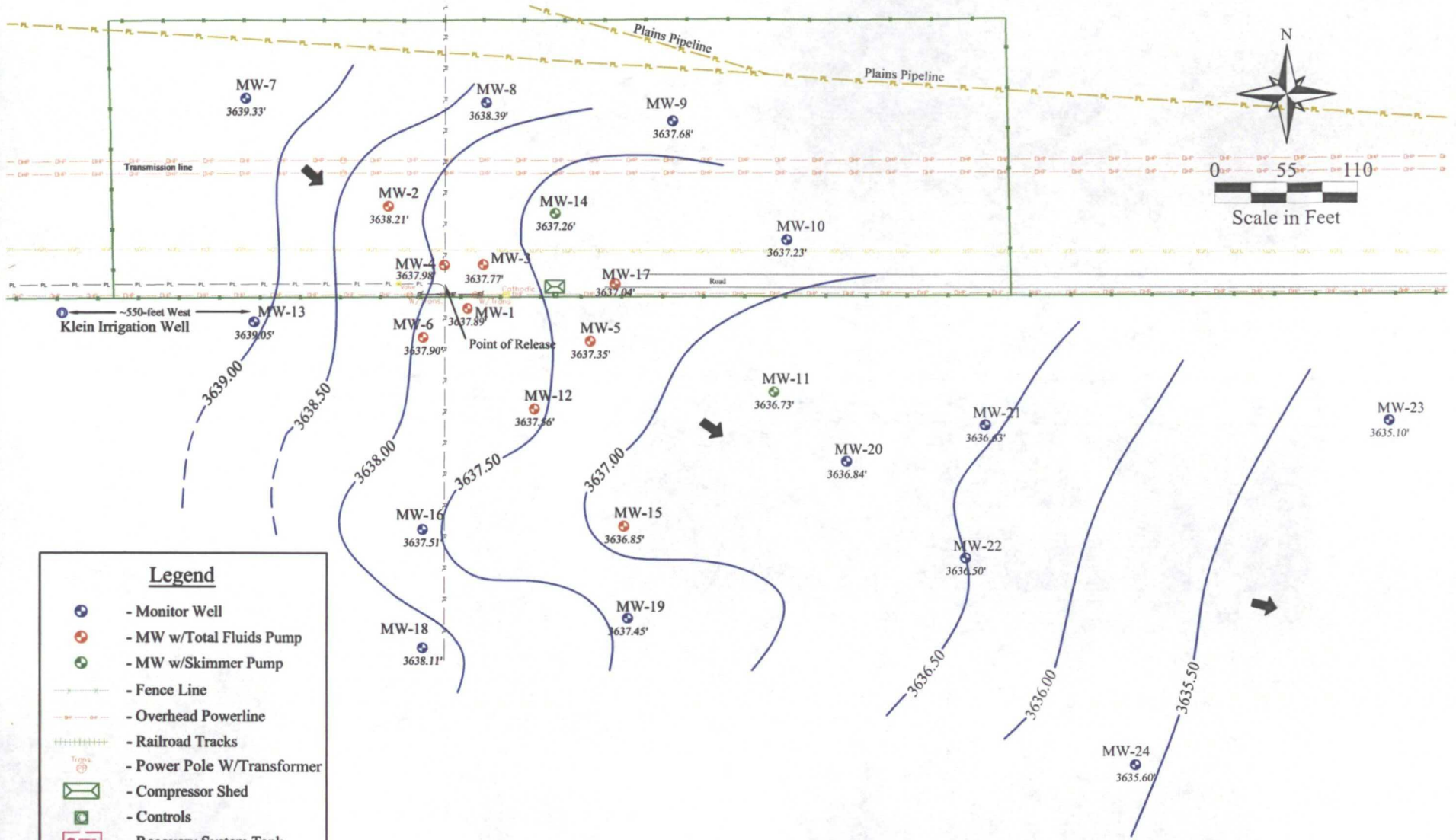
Date: 03/25/2010
Scale: 1" = 110'
Drawn By: TJS

Hobbs Junction Mainline

SRS # 2003-00017, NMOCD REF. # AP-054

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico

Figure 2a - Groundwater Gradient Map, - 02/16/2010



Project = 700376.052.01

TALON LPE

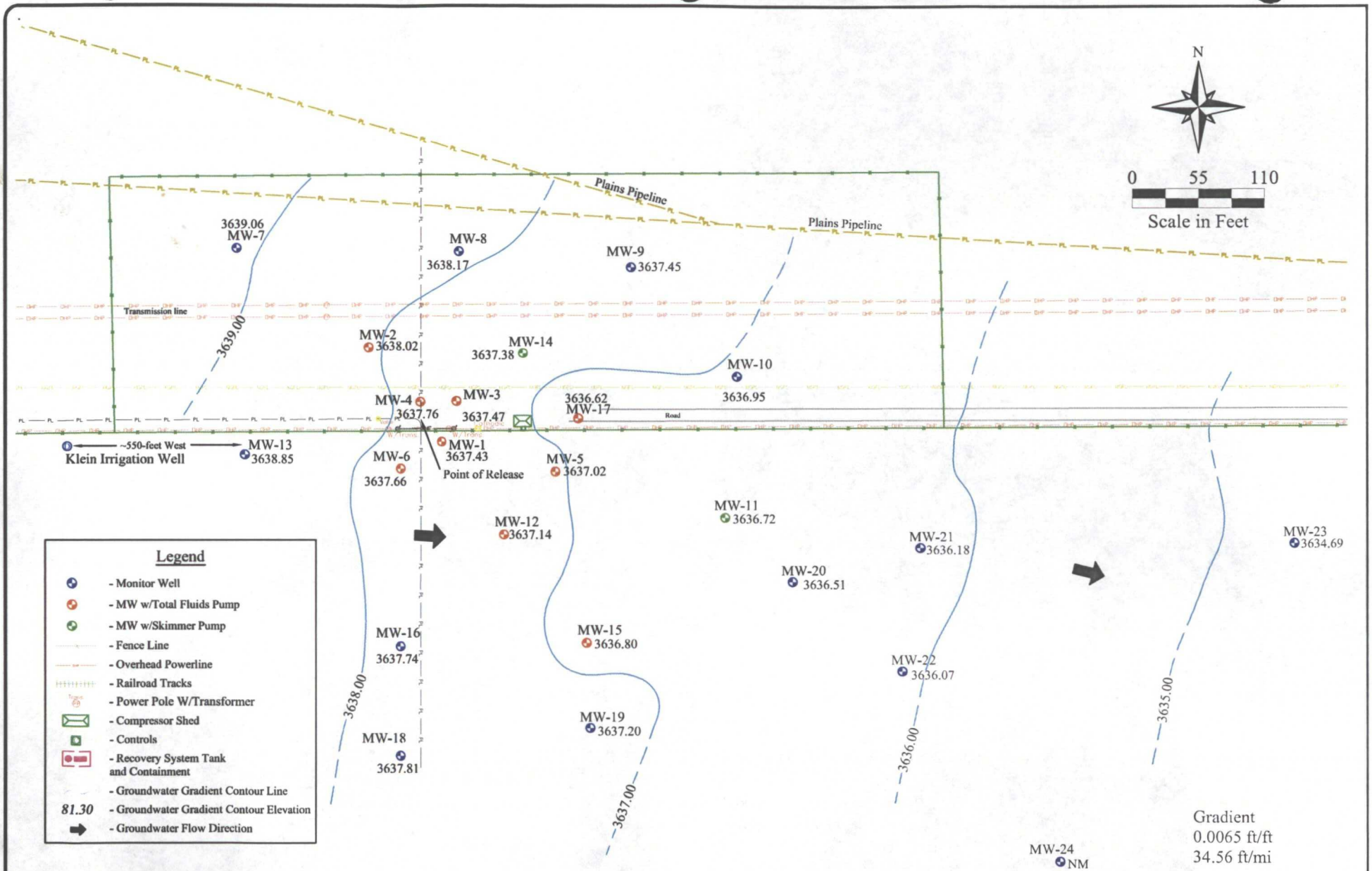
Date: 06/18/2010	
Scale: 1" = 110'	
Drawn By: TJS	

Hobbs Junction Mainline

SRS # 2003-00017, NMOCD REF. # AP-054

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico

Figure 2b - Groundwater Gradient Map, - 06/03/2010



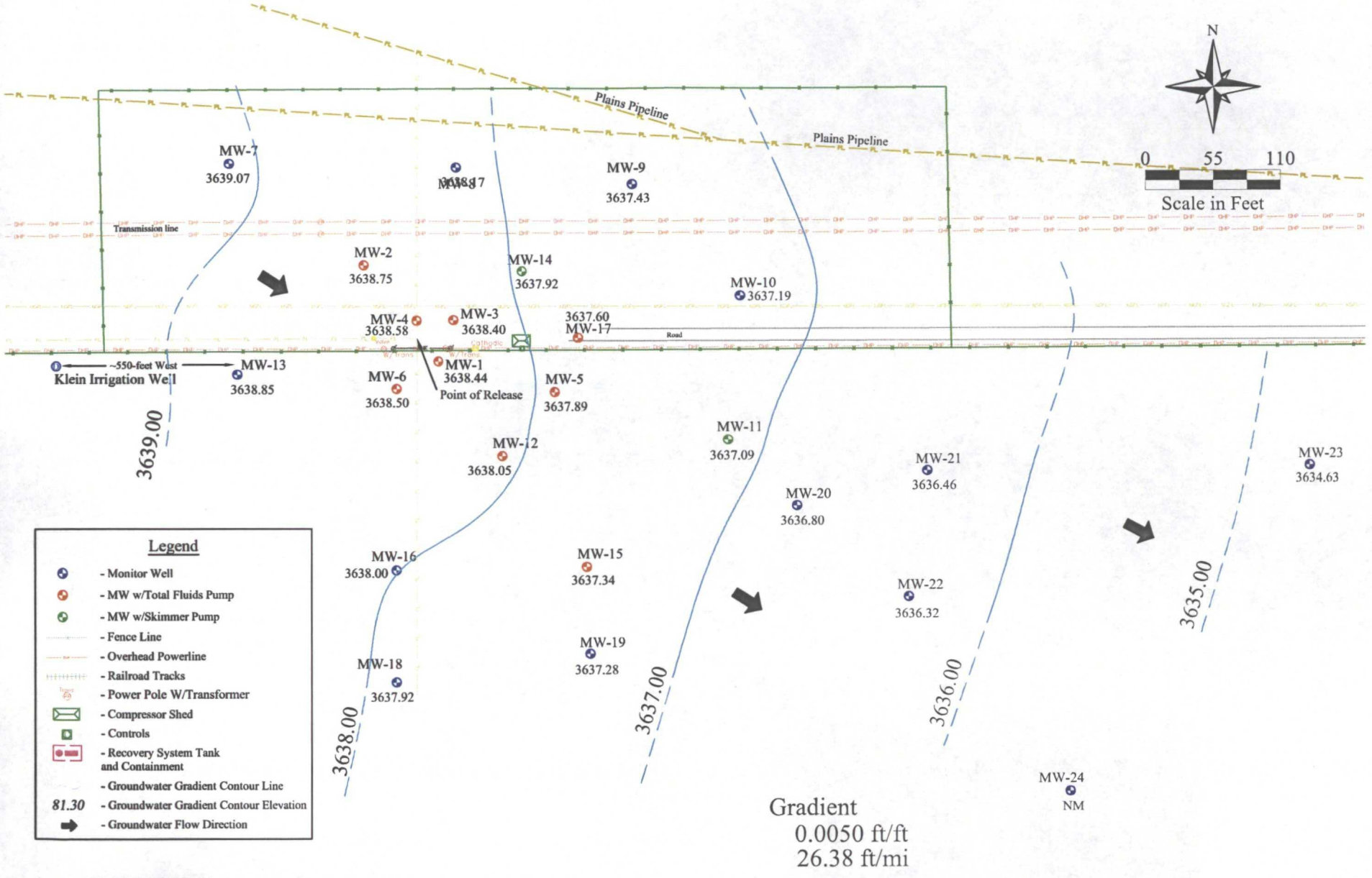
Project = 700376.052.01

TALON LPE

Date: 10/06/2010
Scale: 1" = 110'
Drawn By: TJS

Hobbs Junction Mainline

SRS # 2003-00017, NMOCD REF. # AP-054
SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico
Figure 2c - Groundwater Gradient Map, - 09/20/2010

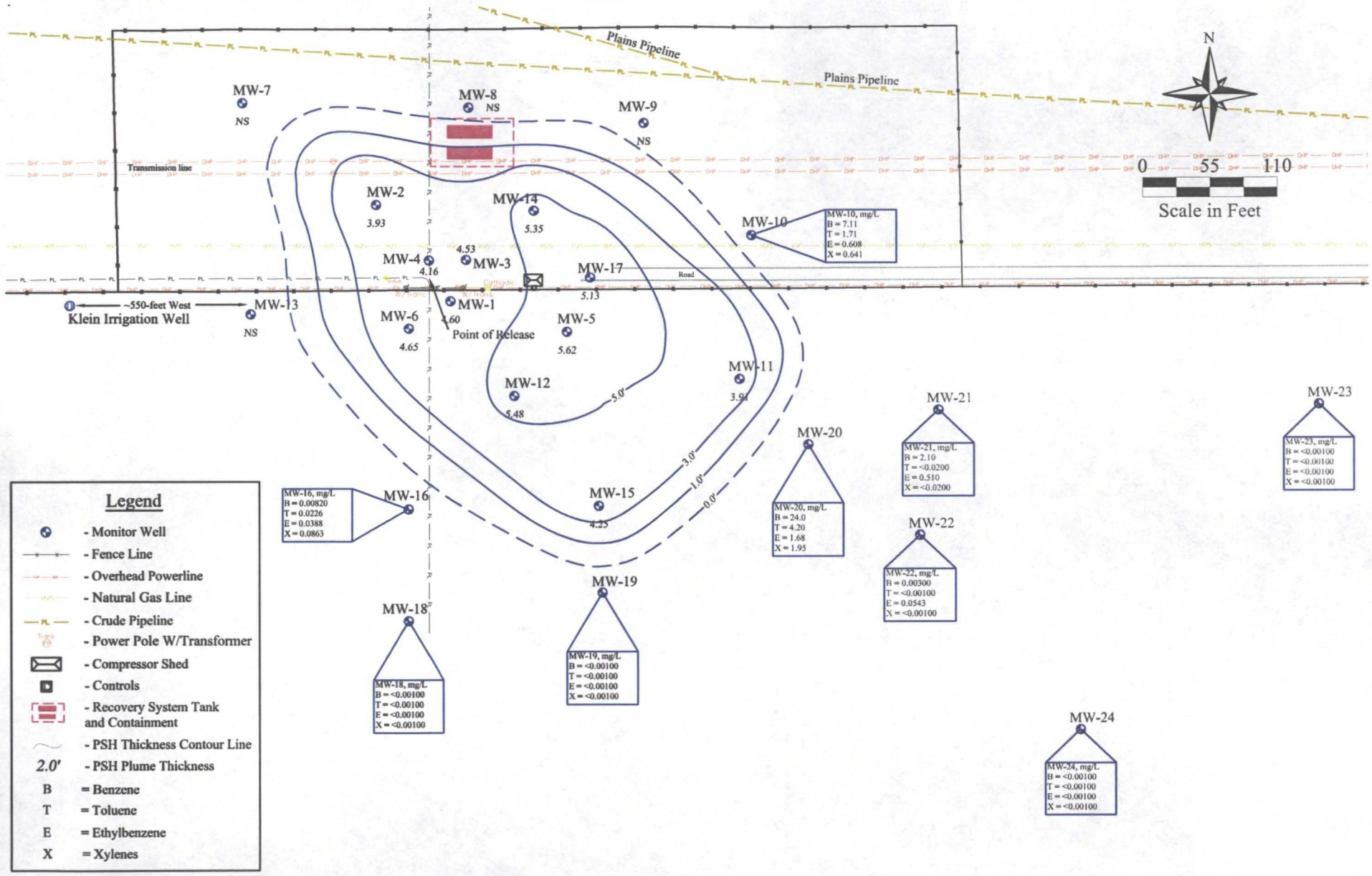


Project = 700376.052.01

TALON LPE

Date: 01/04/2011	
Scale: 1" = 110'	
Drawn By: TJS	

Hobbs Junction Mainline
SRS # 2003-00017, NMOCD REF. # AP-054
SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico
Figure 2d - Groundwater Gradient Map, - 12/27/2010



Project # 700376.052.01

TALON LPE

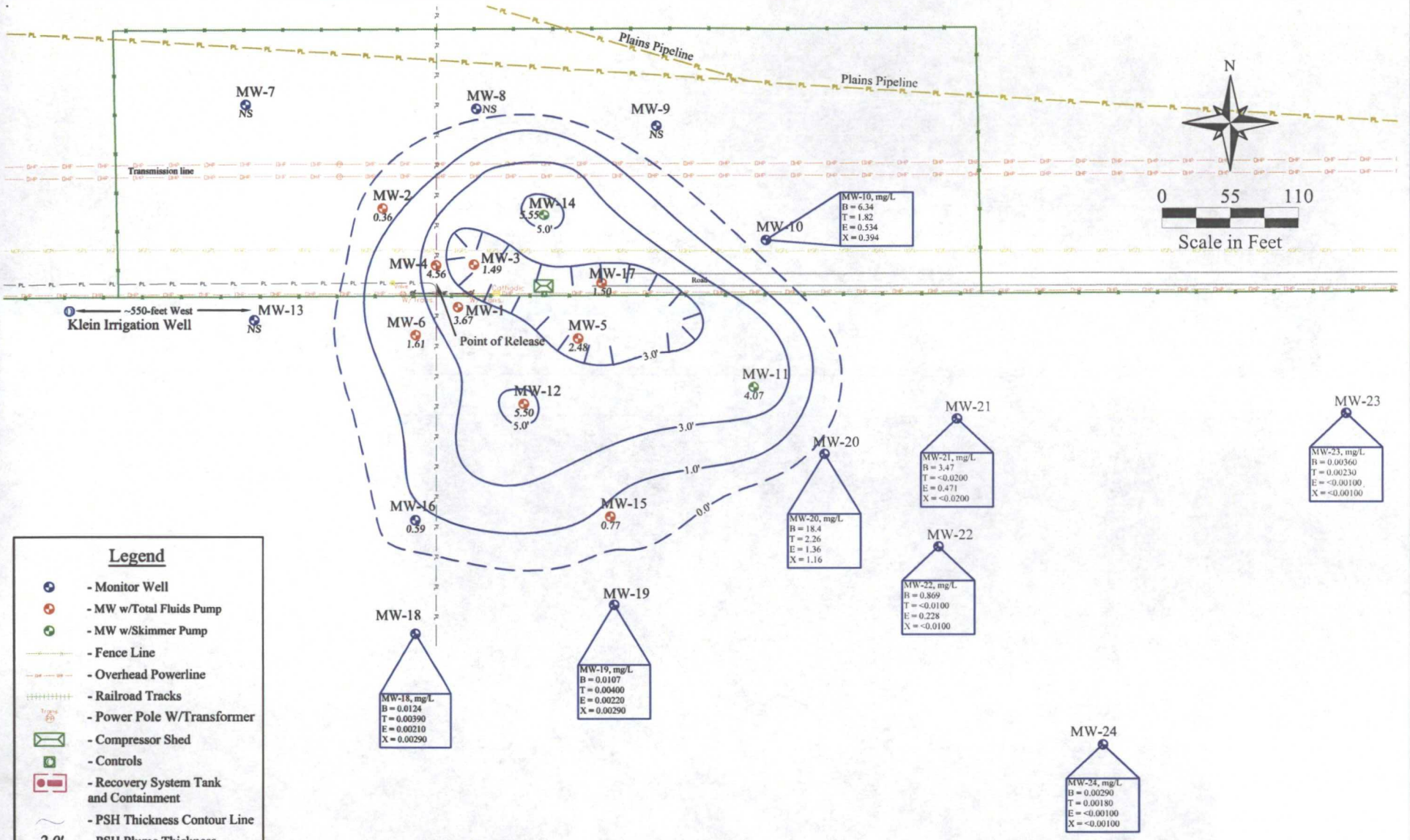
Date: 03/25/2010
Scale: 1" = 110'
Drawn By: TJS

Hobbs Junction Mainline

SRS # 2003-00017, NMOCD REF. # AP-054

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico

Figure 3a - PSH Thickness & Groundwater Concentration Map, - 02/16/2010



Project # 700376.052.01

TALON LPE

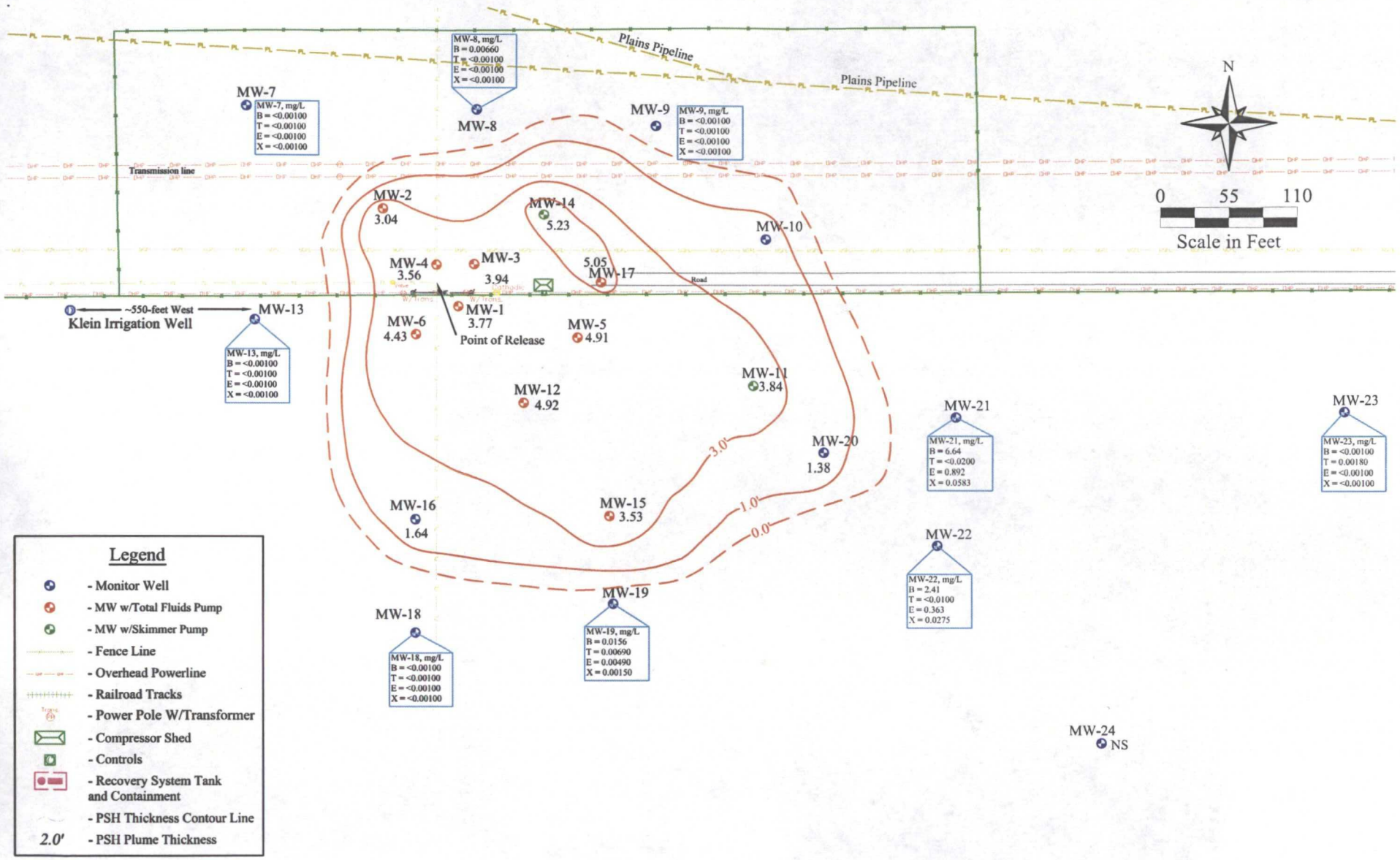
Date:	07/19/2010
Scale:	1" = 110'
Drawn By:	TJS

Hobbs Junction Mainline

SRS # 2003-00017, NMOCD REF. # AP-054

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico

Figure 3a - PSH Thickness & Groundwater Concentration Map, - 06/03/2010



Project # 700376.052.01

TALON LPE

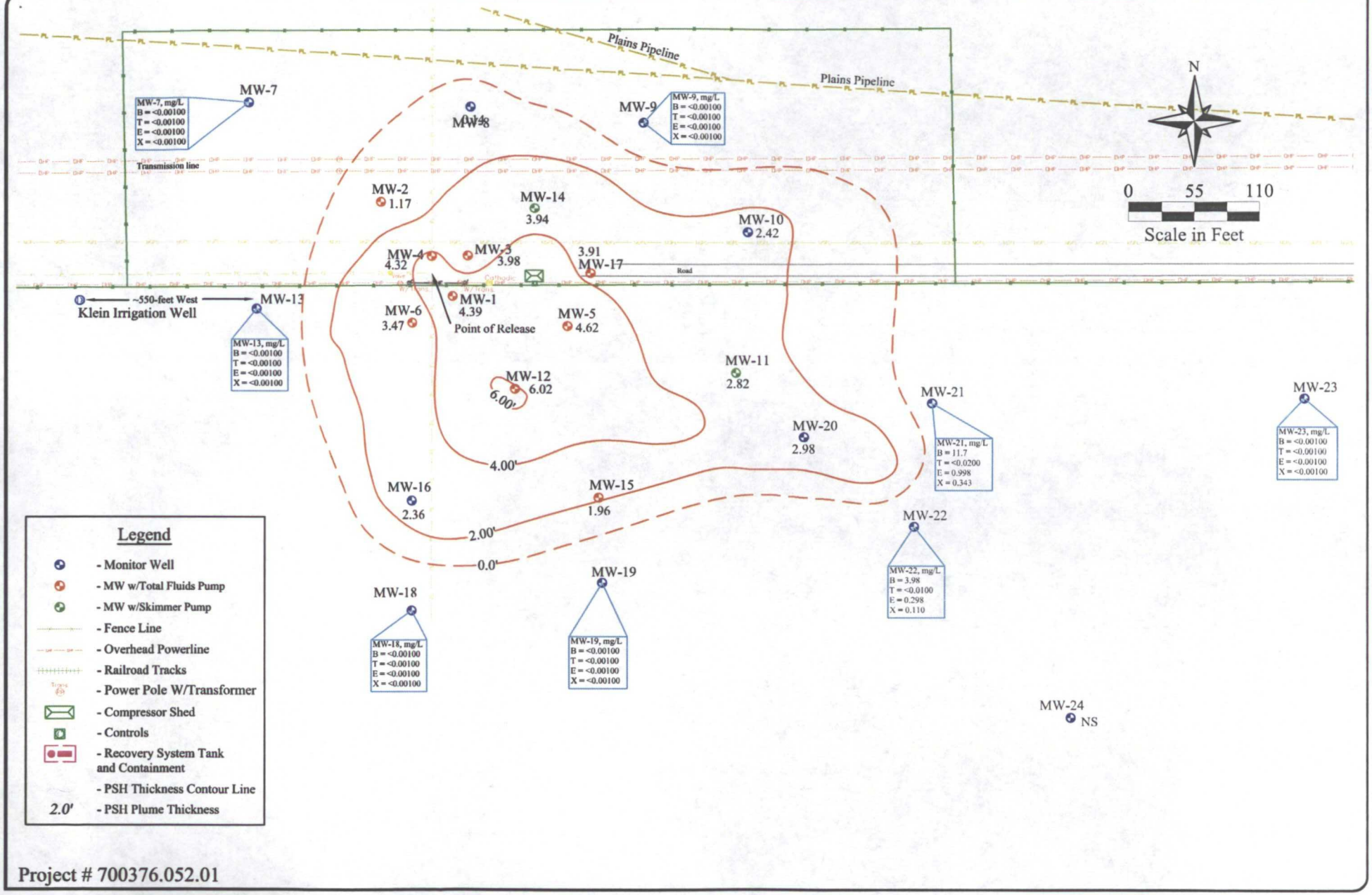
Date: 01/04/2011
Scale: 1" = 110'
Drawn By: TJS

Hobbs Junction Mainline

SRS # 2003-00017, NMOCD REF. # AP-054

SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico

Figure 3c - PSH Thickness & Groundwater Concentration Map, - 09/21/2010



Project # 700376.052.01

TALON LPE

Date: 01/04/2011
Scale: 1" = 110'
Drawn By: TJS

Hobbs Junction Mainline

SRS # 2003-00017, NMOCD REF. # AP-054
SW 1/4, SW 1/4, of Sec. 26, T18S, R37E, Lea County, New Mexico
Figure 3d - PSH Thickness & Groundwater Concentration Map, - 12/27/2010

APPENDIX B

Tables

Table 1 – Summary of Historical Fluid Level Measurements

Table 2 – Summary of Groundwater Analytical Data

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-1	06/23/03	3,678.50	38.49	45.43	6.94	3,639.32
MW-1	06/25/03		38.48	45.43	6.95	3,639.33
MW-1	07/01/03		36.64	48.25	11.61	3,640.70
MW-1	07/07/03		38.73	45.55	6.82	3,639.09
MW-1	07/22/03		37.32	48.05	10.73	3,640.11
MW-1	07/23/03		37.33	48.06	10.73	3,640.10
MW-1	07/24/03		37.40	47.90	10.50	3,640.05
MW-1	07/30/03		37.41	47.90	10.49	3,640.04
MW-1	10/13/03		36.81	47.34	10.53	3,640.64
MW-1	12/11/03		37.79	46.85	9.06	3,639.80
MW-1	12/15/03		37.75	46.77	9.02	3,639.85
MW-1	02/18/04		38.42	47.64	9.22	3,639.16
MW-1	03/29/04		37.45	45.35	7.90	3,640.26
MW-1	04/29/04		38.26	42.18	3.92	3,639.85
MW-1	05/03/04		37.44	46.11	8.67	3,640.19
MW-1	07/12/04		38.34	45.66	7.32	3,639.43
MW-1	12/09/04		35.90	43.54	7.64	3,641.84
MW-1	02/16/05		35.15	42.54	7.39	3,642.61
MW-1	03/31/05		35.27	42.81	7.54	3,642.48
MW-1	05/13/05		35.31	42.60	7.29	3,642.46
MW-1	05/26/05		35.41	42.61	7.20	3,642.37
MW-1	06/28/05		35.48	42.65	7.17	3,642.30
MW-1	08/15/05		35.72	42.16	6.44	3,642.14

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-1	11/14/05		36.26	41.80	5.54	3,641.69
MW-1	01/23/06		36.71	42.14	5.43	3,641.25
MW-1	03/02/06		36.36	41.41	5.05	3,641.64
MW-1	06/01/06		37.58	42.01	4.43	3,640.48
MW-1	08/14/06		37.63	43.68	6.05	3,640.27
MW-1	11/28/06		37.27	42.50	5.23	3,640.71
MW-1	12/12/06		37.25	41.49	4.24	3,640.83
MW-1	01/09/07		37.31	42.71	5.40	3,640.65
MW-1	02/08/07		37.25	42.78	5.53	3,640.70
MW-1	02/27/07		37.34	42.88	5.54	3,640.61
MW-1	03/09/07		37.30	42.74	5.44	3,640.66
MW-1	03/13/07		37.28	42.78	5.50	3,640.67
MW-1	03/15/07		37.31	42.79	5.48	3,640.64
MW-1	03/23/07		37.32	42.80	5.48	3,640.63
MW-1	03/28/07		37.30	42.78	5.48	3,640.65
MW-1	04/12/07		38.03	42.40	4.37	3,640.03
MW-1	04/18/07		37.47	42.61	5.14	3,640.52
MW-1	05/23/07		38.28	42.24	3.96	3,639.82
MW-1	06/20/07		37.90	41.74	3.84	3,640.22
MW-1	06/28/07		37.87	41.69	3.82	3,640.25
MW-1	07/18/07		37.95	41.63	3.68	3,640.18
MW-1	08/15/07		37.74	42.62	4.88	3,640.27
MW-1	08/22/07		38.41	39.20	0.79	3,640.01

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
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NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-1	08/28/07		38.76	39.08	0.32	3,639.71
MW-1	09/19/07		37.99	40.99	3.00	3,640.21
MW-1	09/25/07		39.30	39.93	0.63	3,639.14
MW-1	10/09/07		38.52	38.90	0.38	3,639.94
MW-1	10/17/07		38.51	38.88	0.37	3,639.95
MW-1	10/26/07		38.49	38.91	0.42	3,639.97
MW-1	11/05/07		38.16	42.11	3.95	3,639.95
MW-1	11/12/07		38.51	38.96	0.45	3,639.95
MW-1	12/05/07		38.12	40.88	2.76	3,640.10
MW-1	01/03/08		38.12	41.04	2.92	3,640.09
MW-1	01/30/08		38.03	41.94	3.91	3,640.08
MW-1	02/04/08		38.02	41.97	3.95	3,640.09
MW-1	02/12/08		38.04	41.96	3.92	3,640.07
MW-1	03/11/08		38.26	41.29	3.03	3,639.94
MW-1	03/26/08		38.82	39.06	0.24	3,639.66
MW-1	04/02/08		39.21	39.42	0.21	3,639.27
MW-1	04/16/08		38.87	39.24	0.37	3,639.59
MW-1	04/29/08		38.87	39.66	0.86	3,639.61
MW-1	05/07/08		38.94	42.34	3.40	3,639.22
MW-1	06/11/08		38.57	42.36	3.79	3,639.55
MW-1	06/20/08		38.59	42.58	3.99	3,639.51
MW-1	07/22/08		38.54	42.37	3.83	3,639.58
MW-1	07/24/08		39.94	40.41	0.47	3,638.51

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-1	08/19/08		38.76	39.88	1.12	3,639.63
MW-1	08/20/08		38.74	43.89	5.15	3,639.25
MW-1	11/18/08		38.17	43.12	4.95	3,639.84
MW-1	12/18/08		38.21	43.15	4.94	3,639.80
MW-1	01/13/09		38.30	42.81	4.51	3,639.75
MW-1	03/03/09		38.33	43.25	4.92	3,639.68
MW-1	06/24/09		38.49	43.51	5.02	3,639.51
MW-1	08/11/09		38.60	43.79	5.19	3,639.38
MW-1	11/18/09		39.04	43.84	4.80	3,638.67
MW-1	02/16/10		39.17	43.77	4.60	3,638.57
MW-1	06/03/10		40.07	43.74	3.67	3,637.89
MW-1	09/20/10		40.52	44.29	3.77	3,637.43
MW-1	12/27/10		39.41	43.80	4.39	3,638.44
MW-2	06/26/03	3,679.47	38.72	44.93	6.21	3,640.13
MW-2	07/01/03		38.65	45.42	6.77	3,640.14
MW-2	07/22/03		38.63	45.63	7.00	3,640.14
MW-2	07/23/03		38.64	45.63	6.99	3,640.13
MW-2	07/24/03		39.20	43.57	4.37	3,639.83
MW-2	07/30/03		39.21	43.58	4.37	3,639.82
MW-2	12/11/03		38.88	45.51	6.63	3,639.93
MW-2	12/15/03		38.84	45.41	6.57	3,639.97
MW-2	03/23/04		38.36	44.52	6.16	3,640.49

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
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NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-2	03/29/04		38.47	44.04	5.57	3,640.44
MW-2	04/29/04		38.16	48.06	9.90	3,640.32
MW-2	05/03/04		38.39	44.27	5.88	3,640.49
MW-2	07/12/04		39.42	44.67	5.25	3,639.53
MW-2	12/09/04		37.00	42.52	5.52	3,641.92
MW-2	02/16/05		36.87	44.03	7.16	3,641.88
MW-2	03/31/05		36.17	41.85	5.68	3,642.73
MW-2	05/13/05		36.27	42.10	5.83	3,642.62
MW-2	05/26/05		36.84	39.29	2.45	3,642.39
MW-2	06/28/05		36.39	41.57	5.18	3,642.56
MW-2	08/15/05		37.15	38.92	1.77	3,642.14
MW-2	11/14/05		37.56	39.16	1.60	3,641.75
MW-2	01/23/06		38.01	39.54	1.53	3,641.31
MW-2	03/02/06		37.60	38.93	1.33	3,641.74
MW-2	06/01/06		38.48	41.05	2.57	3,640.73
MW-2	08/14/06		39.23	41.24	2.01	3,640.04
MW-2	11/28/06		38.33	40.73	2.40	3,640.90
MW-2	12/12/06		37.80	44.10	6.30	3,641.04
MW-2	01/09/07		38.20	42.21	4.01	3,640.87
MW-2	02/08/07		37.94	42.60	4.66	3,641.06
MW-2	02/27/07		38.15	43.34	5.19	3,640.80
MW-2	03/09/07		38.07	42.24	4.17	3,640.98
MW-2	03/13/07		38.07	42.32	4.25	3,640.98

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-2	03/15/07		38.09	42.39	4.30	3,640.95
MW-2	03/23/07		38.16	42.00	3.84	3,640.93
MW-2	03/28/07		38.13	42.22	4.09	3,640.93
MW-2	04/12/07		38.51	41.93	3.42	3,640.62
MW-2	04/18/07		38.97	39.73	0.76	3,640.42
MW-2	05/23/07		38.98	39.50	0.52	3,640.44
MW-2	06/20/07		38.94	39.90	0.96	3,640.43
MW-2	06/28/07		38.66	40.88	2.22	3,640.59
MW-2	07/18/07		38.53	41.85	3.32	3,640.61
MW-2	08/15/07		38.50	42.11	3.61	3,640.61
MW-2	08/28/07		38.40	42.21	3.81	3,640.69
MW-2	09/19/07		38.41	42.18	3.77	3,640.68
MW-2	09/25/07		38.41	42.20	3.79	3,640.68
MW-2	10/09/07		38.86	40.37	1.51	3,640.46
MW-2	10/17/07		38.93	40.07	1.14	3,640.43
MW-2	10/26/07		38.68	41.27	2.59	3,640.53
MW-2	11/05/07		38.80	40.64	1.84	3,640.49
MW-2	11/12/07		38.91	40.23	1.32	3,640.43
MW-2	12/05/07		38.72	41.51	2.79	3,640.47
MW-2	01/03/08		39.87	41.11	1.24	3,639.48
MW-2	01/30/08		38.76	41.78	3.02	3,640.41
MW-2	02/04/08		38.81	41.82	3.01	3,640.36
MW-2	02/12/08		38.78	41.80	3.02	3,640.39

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-2	03/11/08		39.28	39.79	0.51	3,640.14
MW-2	03/26/08		39.38	39.65	0.27	3,640.06
MW-2	04/02/08		39.44	39.67	0.23	3,640.01
MW-2	04/29/08		39.11	41.58	2.47	3,640.11
MW-2	04/16/08		39.28	40.63	1.35	3,640.06
MW-2	05/07/08		39.08	42.88	3.80	3,640.01
MW-2	06/11/08		39.74	39.91	0.17	3,639.71
MW-2	06/20/08		39.78	40.21	0.43	3,639.65
MW-2	07/24/08		40.33	41.46	1.13	3,639.03
MW-2	08/19/08		40.05	41.19	1.14	3,639.31
MW-2	09/02/08		39.25	40.76	1.51	3,640.07
MW-2	11/18/08		39.19	41.72	2.53	3,640.03
MW-2	12/18/08		39.11	42.19	3.08	3,640.05
MW-2	01/13/09		39.14	42.24	3.10	3,640.02
MW-2	03/03/09		39.22	42.45	3.23	3,639.93
MW-2	06/24/09		39.36	42.76	3.40	3,639.77
MW-2	08/11/09		39.43	43.15	3.72	3,639.67
MW-2	11/18/09		39.77	44.18	4.41	3,638.97
MW-2	02/16/10		39.70	43.63	3.93	3,639.12
MW-2	06/03/10		41.21	41.57	0.36	3,638.21
MW-2	09/20/10		41.00	44.04	3.04	3,638.02
MW-2	12/27/10		40.55	41.72	1.17	3,638.75

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-3	10/13/03	3,679.81	39.21	48.75	9.54	3,639.65
MW-3	12/11/03		39.15	48.95	9.80	3,639.68
MW-3	12/15/03		39.08	50.91	11.83	3,639.55
MW-3	02/18/04		38.72	48.26	9.54	3,640.14
MW-3	03/12/04		39.82	48.49	8.67	3,639.12
MW-3	03/29/04		38.81	46.32	7.51	3,640.25
MW-3	04/29/04		39.49	44.11	4.62	3,639.86
MW-3	05/03/04		38.77	46.51	7.74	3,640.27
MW-3	07/12/04		39.68	46.81	7.13	3,639.42
MW-3	12/09/04		37.21	45.06	7.85	3,641.82
MW-3	02/16/05		36.70	42.67	5.97	3,642.51
MW-3	03/31/05		38.17	38.20	0.03	3,641.64
MW-3	05/13/05		36.67	44.45	7.78	3,642.36
MW-3	05/26/05		36.92	42.88	5.96	3,642.29
MW-3	06/28/05		36.72	44.05	7.33	3,642.36
MW-3	08/15/05		37.12	43.17	6.05	3,642.09
MW-3	11/14/05		37.69	42.67	4.98	3,641.62
MW-3	01/23/06		38.08	43.31	5.23	3,641.21
MW-3	03/02/06		37.80	42.37	4.57	3,641.55
MW-3	06/01/06		38.50	42.53	4.03	3,640.91
MW-3	08/14/06		39.27	44.64	5.37	3,640.00
MW-3	11/28/06		38.61	43.75	5.14	3,640.69
MW-3	12/12/06		38.56	43.91	5.35	3,640.72

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-3	01/09/07		38.36	43.21	4.85	3,640.97
MW-3	02/08/07		38.50	44.15	5.65	3,640.75
MW-3	02/27/07		38.67	44.25	5.58	3,640.58
MW-3	03/09/07		38.89	44.13	5.24	3,640.40
MW-3	03/13/07		38.58	44.19	5.61	3,640.67
MW-3	03/15/07		38.62	44.23	5.61	3,640.63
MW-3	03/23/07		38.61	44.12	5.51	3,640.65
MW-3	03/28/07		38.61	44.23	5.62	3,640.64
MW-3	04/12/07		39.88	39.93	0.05	3,639.93
MW-3	04/18/07		39.64	41.30	1.66	3,640.00
MW-3	05/23/07		39.96	40.32	0.36	3,639.81
MW-3	06/20/07		39.86	40.20	0.34	3,639.92
MW-3	06/28/07		39.86	40.12	0.26	3,639.92
MW-3	07/18/07		39.89	40.19	0.30	3,639.89
MW-3	08/15/07		39.12	43.68	4.56	3,640.23
MW-3	08/22/07		39.11	43.56	4.45	3,640.26
MW-3	08/28/07		39.30	43.09	3.79	3,640.13
MW-3	09/19/07		39.12	43.20	4.08	3,640.28
MW-3	09/25/07		39.17	42.94	3.77	3,640.26
MW-3	10/09/07		39.07	41.74	2.67	3,640.47
MW-3	10/17/07		39.12	43.44	4.32	3,640.26
MW-3	10/26/07		39.24	42.99	3.75	3,640.20
MW-3	11/05/07		39.19	43.10	3.91	3,640.23

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-3	11/12/07		39.90	40.21	0.31	3,639.88
MW-3	12/05/07		39.64	41.52	1.88	3,639.98
MW-3	01/03/08		39.68	41.72	2.04	3,639.93
MW-3	01/30/08		39.65	41.53	1.88	3,639.97
MW-3	02/04/08		39.70	41.59	1.89	3,639.92
MW-3	02/12/08		39.65	41.59	1.94	3,639.97
MW-3	03/11/08		39.46	41.82	2.36	3,640.11
MW-3	03/26/08		40.15	40.41	0.26	3,639.63
MW-3	04/02/08		41.21	41.47	0.26	3,638.57
MW-3	04/16/08		40.21	40.55	0.34	3,639.57
MW-3	04/29/08		40.22	40.69	0.47	3,639.54
MW-3	05/07/08		40.29	43.96	3.67	3,639.15
MW-3	06/11/08		39.89	44.65	4.76	3,639.44
MW-3	06/20/08		39.90	43.91	4.01	3,639.51
MW-3	07/22/08		40.41	41.58	1.17	3,639.28
MW-3	07/24/08		40.51	45.03	4.52	3,638.85
MW-3	08/19/08		40.08	46.33	6.25	3,639.11
MW-3	08/20/08		40.08	45.33	5.25	3,639.21
MW-3	11/18/08		39.46	44.64	5.18	3,639.83
MW-3	12/18/08		39.51	44.63	5.12	3,639.79
MW-3	01/13/09		39.64	44.17	4.53	3,639.72
MW-3	03/03/09		39.65	44.62	4.97	3,639.66
MW-3	06/24/09		39.94	44.25	4.31	3,639.44

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-3	08/11/09		39.91	45.05	5.14	3,639.39
MW-3	11/18/09		40.51	44.79	4.28	3,638.59
MW-3	02/16/10		40.51	45.04	4.53	3,638.55
MW-3	06/03/10		41.82	43.31	1.49	3,637.77
MW-3	09/20/10		41.76	45.70	3.94	3,637.47
MW-3	12/27/10		40.82	44.80	3.98	3,638.40
MW-4	10/13/03	3,679.64	39.01	48.75	9.74	3,639.66
MW-4	12/11/03		38.92	47.32	8.40	3,639.88
MW-4	12/15/03		38.84	47.16	8.32	3,639.97
MW-4	02/18/04		38.48	46.62	8.14	3,640.35
MW-4	03/12/04		39.09	47.51	8.42	3,639.71
MW-4	03/29/04		38.59	45.62	7.03	3,640.35
MW-4	04/29/04		39.94	44.23	4.29	3,639.27
MW-4	05/03/04		38.55	46.33	7.78	3,640.31
MW-4	07/12/04		39.49	46.24	6.75	3,639.48
MW-4	12/09/04		37.03	44.15	7.12	3,641.90
MW-4	02/16/05		36.28	43.01	6.73	3,642.69
MW-4	03/31/05		36.45	42.62	6.17	3,642.57
MW-4	05/13/05		36.37	43.25	6.88	3,642.58
MW-4	05/26/05		36.51	42.79	6.28	3,642.50
MW-4	06/28/05		36.47	43.26	6.79	3,642.49
MW-4	08/15/05		36.79	42.80	6.01	3,642.25

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-4	11/14/05		37.35	42.24	4.89	3,641.80
MW-4	01/23/06		37.80	42.66	4.86	3,641.35
MW-4	03/02/06		37.43	41.97	4.54	3,641.76
MW-4	06/01/06		38.16	43.90	5.74	3,640.91
MW-4	08/14/06		39.01	44.12	5.11	3,640.12
MW-4	11/28/06		38.37	43.91	5.54	3,640.72
MW-4	12/12/06		38.35	43.06	4.71	3,640.82
MW-4	01/09/07		37.86	44.18	6.32	3,641.15
MW-4	02/08/07		38.28	44.93	6.65	3,640.70
MW-4	02/27/07		38.40	44.38	5.98	3,640.64
MW-4	03/09/04		38.34	43.32	4.98	3,640.80
MW-4	03/13/07		38.34	43.35	5.01	3,640.80
MW-4	03/15/07		38.30	43.38	5.08	3,640.83
MW-4	03/23/07		38.38	43.37	4.99	3,640.76
MW-4	03/28/07		38.37	43.42	5.05	3,640.77
MW-4	04/12/07		38.71	42.96	4.25	3,640.51
MW-4	04/18/07		38.00	43.14	5.14	3,641.13
MW-4	05/23/07		39.87	42.73	2.86	3,639.48
MW-4	06/20/07		38.90	42.52	3.62	3,640.38
MW-4	06/28/07		38.92	42.34	3.42	3,640.38
MW-4	07/18/07		38.99	42.36	3.37	3,640.31
MW-4	08/15/07		39.00	42.33	3.33	3,640.31
MW-4	08/22/07		38.97	42.27	3.30	3,640.34

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-4	08/28/07		39.12	41.89	2.77	3,640.24
MW-4	09/19/07		38.89	42.32	3.43	3,640.41
MW-4	09/25/07		39.07	41.64	2.57	3,640.31
MW-4	10/09/07		39.12	41.74	2.62	3,640.26
MW-4	10/17/07		39.12	41.66	2.54	3,640.27
MW-4	10/26/07		39.10	41.42	2.32	3,640.31
MW-4	11/05/07		38.94	42.60	3.66	3,640.33
MW-4	11/12/07		39.27	41.09	1.82	3,640.19
MW-4	12/05/07		39.04	41.98	2.94	3,640.31
MW-4	01/03/08		39.26	41.74	2.48	3,640.13
MW-4	01/30/08		39.08	41.55	2.47	3,640.31
MW-4	02/04/08		39.15	41.61	2.46	3,640.24
MW-4	02/12/08		39.10	41.62	2.52	3,640.29
MW-4	03/11/08		39.36	41.86	2.50	3,640.03
MW-4	03/26/08		39.18	42.99	3.81	3,640.08
MW-4	04/02/08		39.24	43.07	3.83	3,640.02
MW-4	04/16/08		39.69	41.09	1.40	3,639.81
MW-4	04/29/08		39.77	41.04	1.27	3,639.74
MW-4	05/07/08		40.07	43.59	3.52	3,639.22
MW-4	06/11/08		39.69	42.97	3.28	3,639.62
MW-4	06/20/08		39.65	43.07	3.42	3,639.65
MW-4	07/22/08		39.51	43.35	3.84	3,639.75
MW-4	07/24/08		40.98	41.16	0.18	3,638.64

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-4	08/19/08		39.88	44.41	4.53	3,639.31
MW-4	08/20/08		39.97	44.42	4.45	3,639.23
MW-4	11/18/08		39.27	43.72	4.45	3,639.93
MW-4	12/18/08		39.29	43.75	4.46	3,639.90
MW-4	01/13/09		39.42	43.25	3.83	3,639.84
MW-4	03/03/09		39.45	43.71	4.26	3,639.76
MW-4	06/24/09		39.71	43.35	3.64	3,639.57
MW-4	08/11/09		39.68	44.24	4.56	3,639.50
MW-4	11/18/09		40.20	44.29	4.09	3,638.77
MW-4	02/16/10		40.23	44.39	4.16	3,638.72
MW-4	06/03/10		40.99	45.55	4.56	3,637.98
MW-4	09/20/10		41.36	44.92	3.56	3,637.76
MW-4	12/27/10		40.42	44.74	4.32	3,638.58
MW-5	10/13/03	3,679.26	40.35	43.02	2.67	3,638.64
MW-5	12/11/03		38.95	47.81	8.86	3,639.42
MW-5	12/15/03		38.91	47.72	8.81	3,639.47
MW-5	02/18/04		38.61	47.44	8.83	3,639.77
MW-5	03/29/04		38.76	46.15	7.39	3,639.76
MW-5	04/29/04		38.55	47.41	8.86	3,639.82
MW-5	05/03/04		38.52	47.46	8.94	3,639.85
MW-5	07/12/04		39.24	47.72	8.48	3,639.17
MW-5	12/09/04		36.99	45.01	8.02	3,641.47

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-5	02/16/05		36.24	44.48	8.24	3,642.20
MW-5	02/22/05		36.20	44.50	8.30	3,642.23
MW-5	03/31/05		36.38	44.38	8.00	3,642.08
MW-5	05/13/05		36.43	44.29	7.86	3,642.04
MW-5	05/26/05		36.66	43.50	6.84	3,641.92
MW-5	06/28/05		36.58	44.45	7.87	3,641.89
MW-5	08/15/05		36.93	43.52	6.59	3,641.67
MW-5	11/14/05		37.45	43.27	5.82	3,641.23
MW-5	01/23/06		37.85	43.90	6.05	3,640.81
MW-5	03/02/06		37.46	43.41	5.95	3,641.21
MW-5	06/01/06		38.74	43.32	4.58	3,640.06
MW-5	08/14/06		38.92	45.05	6.13	3,639.73
MW-5	11/28/06		38.39	44.35	5.96	3,640.27
MW-5	12/12/06		38.32	44.91	6.59	3,640.28
MW-5	01/09/07		38.47	43.56	5.09	3,640.28
MW-5	02/08/07		38.28	44.42	6.14	3,640.37
MW-5	02/27/07		38.36	45.29	6.93	3,640.21
MW-5	03/09/07		38.44	45.22	6.78	3,640.14
MW-5	03/13/07		38.36	45.08	6.72	3,640.23
MW-5	03/15/07		38.37	45.09	6.72	3,640.22
MW-5	03/23/07		38.33	45.15	6.82	3,640.25
MW-5	03/28/07		38.35	45.17	6.82	3,640.23
MW-5	04/12/07		39.69	41.87	2.18	3,639.35

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-5	04/18/07		40.31	42.84	2.53	3,638.70
MW-5	05/23/07		39.96	40.60	0.64	3,639.24
MW-5	06/20/07		39.38	42.16	2.78	3,639.60
MW-5	06/28/07		39.87	40.41	0.54	3,639.34
MW-5	07/18/07		39.95	40.35	0.40	3,639.27
MW-5	08/22/07		39.85	40.20	0.35	3,639.38
MW-5	08/28/07		39.20	42.98	3.78	3,639.68
MW-5	09/19/07		38.97	43.67	4.70	3,639.82
MW-5	09/25/07		39.14	42.87	3.73	3,639.75
MW-5	10/09/07		40.07	40.29	0.22	3,639.17
MW-5	10/17/07		39.01	43.06	4.05	3,639.85
MW-5	11/05/07		39.07	43.02	3.95	3,639.80
MW-5	12/05/07		39.13	42.26	3.13	3,639.82
MW-5	01/30/08		38.94	44.87	5.93	3,639.73
MW-5	02/04/08		39.05	44.96	5.91	3,639.62
MW-5	02/12/08		38.97	44.90	5.93	3,639.70
MW-5	03/11/08		39.54	42.71	3.17	3,639.40
MW-5	03/26/08		40.10	40.31	0.21	3,639.14
MW-5	04/02/08		40.19	40.39	0.20	3,639.05
MW-5	04/16/08		40.03	40.65	0.62	3,639.17
MW-5	04/29/08		39.14	42.99	3.85	3,639.74
MW-5	06/11/08		40.49	40.67	0.18	3,638.75
MW-5	06/20/08		40.53	40.76	0.23	3,638.71

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-5	07/22/08		40.31	40.85	0.54	3,638.90
MW-5	07/24/08		41.25	41.39	0.14	3,638.00
MW-5	08/19/08		39.82	40.25	0.43	3,639.40
MW-5	08/20/08		39.82	40.29	0.47	3,639.39
MW-5	11/18/08		39.20	45.62	6.42	3,639.42
MW-5	12/18/08		39.24	45.71	6.47	3,639.37
MW-5	01/13/09		39.36	45.23	5.87	3,639.31
MW-5	03/03/09		39.36	45.66	6.30	3,639.27
MW-5	06/24/09		39.55	45.65	6.10	3,639.10
MW-5	08/11/09		39.69	45.79	6.10	3,638.96
MW-5	12/18/09		40.28	45.51	5.23	3,638.12
MW-5	02/16/10		40.29	45.91	5.62	3,638.04
MW-5	06/03/10		41.55	44.03	2.48	3,637.35
MW-5	09/20/10		41.52	46.43	4.91	3,637.02
MW-5	12/27/10		40.69	45.31	4.62	3,637.89
MW-6	10/13/03	3,680.63	40.04	50.12	10.08	3,639.58
MW-6	12/11/03		40.01	48.43	8.42	3,639.78
MW-6	12/15/03		39.92	48.33	8.41	3,639.87
MW-6	02/18/04		39.63	47.81	8.18	3,640.18
MW-6	03/12/04		39.68	47.51	7.83	3,640.17
MW-6	03/29/04		39.67	46.50	6.83	3,640.28
MW-6	04/29/04		40.18	44.76	4.58	3,639.99

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-6	05/03/04		39.66	46.63	6.97	3,640.27
MW-6	07/12/04		40.52	47.68	7.16	3,639.39
MW-6	12/09/04		38.11	45.06	6.95	3,641.83
MW-6	02/16/05		36.25	44.44	8.19	3,643.56
MW-6	02/22/05		37.25	44.44	7.19	3,642.66
MW-6	03/31/05		37.52	44.15	6.63	3,642.45
MW-6	05/13/05		37.46	44.75	7.29	3,642.44
MW-6	05/26/05		37.71	43.31	5.60	3,642.36
MW-6	06/28/05		37.62	44.18	6.56	3,642.35
MW-6	08/15/05		38.09	42.77	4.68	3,642.07
MW-6	11/14/05		38.64	43.31	4.67	3,641.52
MW-6	01/23/06		39.08	42.67	3.59	3,641.19
MW-6	03/02/06		38.85	41.45	2.60	3,641.52
MW-6	06/01/06		40.06	41.84	1.78	3,640.39
MW-6	08/14/06		40.19	44.64	4.45	3,640.00
MW-6	11/28/06		39.36	44.31	4.95	3,640.78
MW-6	12/12/06		39.32	43.81	4.49	3,640.86
MW-6	01/09/07		39.71	42.41	2.70	3,640.65
MW-6	02/08/07		39.30	44.49	5.19	3,640.81
MW-6	02/27/07		39.41	44.54	5.13	3,640.71
MW-6	03/09/07		39.40	44.47	5.07	3,640.72
MW-6	03/13/07		39.40	44.47	5.07	3,640.72
MW-6	03/15/07		39.40	44.50	5.10	3,640.72

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-6	03/23/07		39.41	44.42	5.01	3,640.72
MW-6	03/28/07		39.45	44.80	5.35	3,640.65
MW-6	04/12/07		40.33	41.37	1.04	3,640.20
MW-6	04/18/07		40.61	40.83	0.22	3,640.00
MW-6	05/23/07		40.50	40.90	0.40	3,640.09
MW-6	06/20/07		40.58	41.25	0.67	3,639.98
MW-6	06/28/07		40.24	42.01	1.77	3,640.21
MW-6	07/18/07		39.94	43.74	3.80	3,640.31
MW-6	08/15/07		40.51	41.06	0.55	3,640.07
MW-6	08/22/07		40.56	40.81	0.25	3,640.05
MW-6	08/28/07		40.30	42.31	2.01	3,640.13
MW-6	09/19/07		39.78	44.04	4.26	3,640.42
MW-6	09/25/07		39.84	44.15	4.31	3,640.36
MW-6	10/09/07		39.82	44.15	4.33	3,640.38
MW-6	10/17/07		40.55	40.83	0.28	3,640.05
MW-6	10/26/07		39.98	43.54	3.56	3,640.29
MW-6	11/05/07		39.88	43.98	4.10	3,640.34
MW-6	11/12/07		39.91	43.99	4.08	3,640.31
MW-6	12/05/07		39.98	43.97	3.99	3,640.25
MW-6	01/03/08		39.66	40.44	0.78	3,640.89
MW-6	01/30/08		40.11	43.81	3.70	3,640.15
MW-6	02/04/08		40.23	43.96	3.73	3,640.03
MW-6	02/12/08		40.15	43.90	3.75	3,640.11

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SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-6	03/11/08		39.64	41.79	2.15	3,640.78
MW-6	03/26/08		40.38	43.19	2.81	3,639.97
MW-6	04/02/08		40.90	41.15	0.25	3,639.71
MW-6	04/16/08		40.91	41.23	0.32	3,639.69
MW-6	04/29/08		39.96	41.28	1.32	3,640.54
MW-6	05/07/08		40.60	43.17	2.57	3,639.77
MW-6	06/11/08		41.22	41.47	0.25	3,639.39
MW-6	06/20/08		41.27	41.54	0.27	3,639.33
MW-6	07/24/08		41.98	42.18	0.20	3,638.63
MW-6	08/19/08		41.19	44.28	3.09	3,639.13
MW-6	08/20/08		41.17	44.44	3.27	3,639.13
MW-6	09/02/08		40.95	41.17	0.22	3,639.66
MW-6	11/18/08		40.33	44.63	4.30	3,639.87
MW-6	12/18/08		40.35	44.80	4.45	3,639.84
MW-6	01/13/09		40.45	44.37	3.92	3,639.79
MW-6	03/03/09		40.51	44.65	4.14	3,639.71
MW-6	06/24/09		40.90	43.77	2.87	3,639.44
MW-6	08/11/09		40.86	46.41	5.55	3,639.22
MW-6	11/18/09		40.28	45.51	5.23	3,639.49
MW-6	02/16/10		41.21	45.86	4.65	3,638.65
MW-6	06/03/10		42.49	44.10	1.61	3,637.90
MW-6	09/20/10		42.32	46.75	4.43	3,637.66
MW-6	12/27/10		41.62	45.09	3.47	3,638.50

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-7	01/23/04	3,679.85	TD=53.34	39.64		3,640.21
MW-7	04/29/04			39.29		3,640.56
MW-7	05/12/04			39.29		3,640.56
MW-7	06/03/04			39.27		3,640.58
MW-7	07/12/04			40.42		3,639.43
MW-7	07/19/04			40.68		3,639.17
MW-7	11/08/04			38.66		3,641.19
MW-7	03/31/05			37.07		3,642.78
MW-7	05/13/05			37.10		3,642.75
MW-7	05/23/05			37.09		3,642.76
MW-7	05/26/05			37.13		3,642.69
MW-7	06/28/05			37.16		3,642.69
MW-7	08/15/05			37.32		3,642.45
MW-7	08/17/05			37.26		3,642.59
MW-7	11/14/05			37.40		3,642.45
MW-7	01/23/06			38.12		3,641.73
MW-7	03/02/06			37.49		3,642.36
MW-7	06/01/06			38.40		3,641.45
MW-7	08/14/06			39.50		3,640.35
MW-7	11/28/06			38.61		3,641.24
MW-7	12/12/06			38.62		3,641.23
MW-7	01/09/07			38.22		3,641.63

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-7	02/08/07			38.43		3,641.42
MW-7	02/27/07			38.67		3,641.18
MW-7	03/09/07			38.67		3,641.18
MW-7	03/13/07			38.65		3,641.20
MW-7	03/15/07			38.64		3,641.21
MW-7	03/23/07			38.51		3,641.34
MW-7	03/28/07			38.60		3,641.25
MW-7	04/12/07			38.75		3,641.10
MW-7	04/18/07			38.73		3,641.12
MW-7	05/23/07			38.70		3,641.15
MW-7	06/20/07			38.81		3,641.04
MW-7	07/18/07			38.90		3,640.95
MW-7	09/19/07			38.87		3,640.98
MW-7	11/02/07			38.96		3,640.89
MW-7	11/16/07			38.90		3,640.95
MW-7	12/05/07			38.99		3,640.86
MW-7	01/30/08			39.03		3,640.82
MW-7	03/11/08			39.13		3,640.72
MW-7	04/29/08			39.13		3,640.72
MW-7	05/09/08			39.16		3,640.69
MW-7	06/11/08			39.19		3,640.66
MW-7	06/20/08			39.29		3,640.56
MW-7	08/19/08			39.31		3,640.54

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-7	08/20/08			39.30		3,640.55
MW-7	12/18/08			39.48		3,640.37
MW-7	01/13/09			39.47		3,640.38
MW-7	03/03/09			39.58		3,640.27
MW-7	06/24/09			39.77		3,640.08
MW-7	08/11/09			39.90		3,639.95
MW-7	11/18/09			40.20		3,639.65
MW-7	02/16/10			40.06		3,639.79
MW-7	06/03/10			40.52		3,639.33
MW-7	09/20/10			40.79		3,639.06
MW-7	12/27/10			40.78		3,639.07
MW-8	01/23/04	3,679.07	TD=53.29	39.56		3,639.51
MW-8	04/29/04			39.33		3,639.74
MW-8	05/12/04			39.34		3,639.73
MW-8	06/03/04			39.32		3,639.75
MW-8	07/12/04			40.13		3,638.94
MW-8	07/19/04			40.32		3,638.75
MW-8	11/08/04			39.60		3,639.47
MW-8	03/31/05			37.11		3,641.96
MW-8	05/13/05			37.16		3,641.91
MW-8	05/23/05			37.16		3,641.91
MW-8	05/26/05			37.19		3,641.88

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-8	06/28/05			37.23		3,641.84
MW-8	08/15/05			37.40		3,641.67
MW-8	08/17/05			37.34		3,641.73
MW-8	11/14/05			37.52		3,641.55
MW-8	01/23/06			38.23		3,640.84
MW-8	03/02/06			37.63		3,641.44
MW-8	06/01/06			38.90		3,640.17
MW-8	08/14/06			39.34		3,639.73
MW-8	11/28/06			38.71		3,640.36
MW-8	12/12/06			38.73		3,640.34
MW-8	01/09/07			38.71		3,640.36
MW-8	02/08/07			38.55		3,640.52
MW-8	02/21/07			38.78		3,640.29
MW-8	02/27/07			38.79		3,640.28
MW-8	03/09/07			38.78		3,640.29
MW-8	03/13/07			38.78		3,640.29
MW-8	03/15/07			38.76		3,640.31
MW-8	03/23/07			38.62		3,640.45
MW-8	03/28/07			38.74		3,640.33
MW-8	04/12/07			38.90		3,640.17
MW-8	04/18/07			38.88		3,640.19
MW-8	05/23/07			38.86		3,640.21
MW-8	06/20/07			38.96		3,640.11

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-8	07/18/07			39.05		3,640.02
MW-8	09/19/07			38.99		3,640.08
MW-8	11/02/07			39.06		3,640.01
MW-8	11/16/07			39.06		3,640.01
MW-8	12/05/07			39.09		3,639.98
MW-8	01/30/08			39.11		3,639.96
MW-8	03/11/08			39.24		3,639.83
MW-8	04/29/08			39.27		3,639.80
MW-8	05/09/08			39.26		3,639.81
MW-8	06/11/08			39.30		3,639.77
MW-8	06/20/08			39.40		3,639.67
MW-8	08/19/08			39.41		3,639.66
MW-8	08/20/08			39.41		3,639.66
MW-8	12/18/08			39.57		3,639.50
MW-8	01/13/09			39.58		3,639.49
MW-8	03/03/09			39.68		3,639.39
MW-8	06/24/09			39.85		3,639.22
MW-8	08/11/09			39.99		3,639.08
MW-8	11/18/09			40.25		3,638.82
MW-8	02/16/10			40.17		3,638.90
MW-8	06/03/10			40.68		3,638.39
MW-8	09/20/10			40.90		3,638.17
MW-8	12/27/10		40.88	41.02	0.14	3,638.17

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-9	01/23/04	3,678.76	TD=53.28	39.91		3,638.85
MW-9	04/29/04			39.68		3,639.08
MW-9	05/12/04			39.69		3,639.07
MW-9	06/03/04			39.67		3,639.09
MW-9	07/12/04			40.34		3,638.42
MW-9	07/19/04			40.44		3,638.32
MW-9	11/08/04			38.84		3,639.92
MW-9	03/31/05			37.48		3,641.28
MW-9	05/13/05			37.54		3,641.22
MW-9	05/23/05			37.55		3,641.21
MW-9	05/26/05			37.59		3,641.17
MW-9	06/28/05			37.64		3,641.12
MW-9	08/15/05			37.82		3,640.94
MW-9	08/17/05			37.77		3,640.99
MW-9	11/14/05			37.95		3,640.81
MW-9	01/23/06			38.65		3,640.11
MW-9	03/02/06			38.05		3,640.71
MW-9	06/01/06			38.73		3,640.03
MW-9	08/14/06			39.57		3,639.19
MW-9	11/28/06			39.12		3,639.64
MW-9	12/12/06			53.10		3,625.66
MW-9	01/09/07			39.14		3,639.62

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-9	02/08/07			38.97		3,639.79
MW-9	02/21/07			39.22		3,639.54
MW-9	02/27/07			39.21		3,639.55
MW-9	03/09/07			39.21		3,639.55
MW-9	03/13/07			39.20		3,639.56
MW-9	03/15/07			39.20		3,639.56
MW-9	03/23/07			39.04		3,639.72
MW-9	03/28/07			39.16		3,639.60
MW-9	04/12/07			39.36		3,639.40
MW-9	04/18/07			39.30		3,639.46
MW-9	05/22/07			39.31		3,639.45
MW-9	06/20/07			39.40		3,639.36
MW-9	07/18/07			39.49		3,639.27
MW-9	09/19/07			39.45		3,639.31
MW-9	11/02/07			39.51		3,639.25
MW-9	11/16/07			39.48		3,639.28
MW-9	12/05/07			39.51		3,639.25
MW-9	01/30/08			39.54		3,639.22
MW-9	03/11/08			39.66		3,639.10
MW-9	04/29/08			39.58		3,639.18
MW-9	05/09/08			39.68		3,639.08
MW-9	06/11/08			39.73		3,639.03
MW-9	06/20/08			39.81		3,638.95

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-9	08/19/08			39.95		3,638.81
MW-9	08/20/08			39.84		3,638.92
MW-9	12/18/08			40.02		3,638.74
MW-9	01/13/09			40.02		3,638.74
MW-9	03/03/09			40.10		3,638.66
MW-9	06/24/09			40.28		3,638.48
MW-9	08/11/09			40.38		3,638.38
MW-9	11/18/09			40.65		3,638.11
MW-9	02/16/10			40.63		3,638.13
MW-9	06/03/10			41.08		3,637.68
MW-9	09/20/10			41.31		3,637.45
MW-9	12/27/10			41.33		3,637.43
MW-10	01/23/04	3,678.36		39.89		3,638.47
MW-10	04/29/04			39.74		3,638.62
MW-10	05/12/04			39.74		3,638.62
MW-10	06/03/04			39.74		3,638.62
MW-10	07/12/04			40.24		3,638.12
MW-10	07/19/04			40.33		3,638.03
MW-10	11/08/04			38.76		3,639.60
MW-10	03/31/05			37.46		3,640.90
MW-10	05/13/05			37.58		3,640.78
MW-10	05/23/05			37.58		3,640.78

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-10	05/26/05			37.62		3,640.74
MW-10	06/28/05			37.70		3,640.66
MW-10	08/15/05			37.87		3,640.49
MW-10	08/17/05			37.02		3,641.34
MW-10	11/14/05			38.02		3,640.34
MW-10	01/23/06			38.73		3,639.63
MW-10	03/02/06			38.16		3,640.20
MW-10	06/01/06			38.81		3,639.55
MW-10	08/14/06			39.51		3,638.85
MW-10	11/28/06			39.19		3,639.17
MW-10	12/12/06			39.21		3,639.15
MW-10	01/09/07			39.21		3,639.15
MW-10	02/08/07			39.10		3,639.26
MW-10	02/21/07			39.33		3,639.03
MW-10	02/27/07			39.29		3,639.07
MW-10	03/09/07			39.24		3,639.12
MW-10	03/13/07			39.29		3,639.07
MW-10	03/15/07			39.30		3,639.06
MW-10	03/23/07			39.11		3,639.25
MW-10	03/28/07			39.24		3,639.12
MW-10	04/12/07			39.46		3,638.90
MW-10	04/18/07			39.41		3,638.95
MW-10	04/18/07			39.31		3,639.05

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-10	06/20/07			39.48		3,638.88
MW-10	07/18/07			39.59		3,638.77
MW-10	09/19/07			39.51		3,638.85
MW-10	11/02/07			39.50		3,638.86
MW-10	11/16/07			39.91		3,638.45
MW-10	12/05/07			39.52		3,638.84
MW-10	01/30/08			39.57		3,638.79
MW-10	03/11/08			39.78		3,638.58
MW-10	04/29/08			39.81		3,638.55
MW-10	05/09/08			39.80		3,638.56
MW-10	06/11/08			39.89		3,638.47
MW-10	06/20/08			39.93		3,638.43
MW-10	08/19/08			39.96		3,638.40
MW-10	08/20/08			39.96		3,638.40
MW-10	11/18/08			40.08		3,638.28
MW-10	12/18/08			40.10		3,638.26
MW-10	01/13/09			40.13		3,638.23
MW-10	03/03/09			40.21		3,638.15
MW-10	06/24/09			40.39		3,637.97
MW-10	08/11/09			40.49		3,637.87
MW-10	11/18/09			40.72		3,637.64
MW-10	02/16/10			40.72		3,637.64
MW-10	06/03/10			41.13		3,637.23

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-10	09/20/10		41.19	42.55	1.36	3,636.97
MW-10	12/27/10		40.81	43.23	2.42	3,637.19
MW-11	01/23/04	3,678.03		41.40		3,636.63
MW-11	04/29/04			41.07		3,636.96
MW-11	05/12/04			39.57		3,638.46
MW-11	06/03/04			39.61		3,638.42
MW-11	07/12/04			40.04		3,637.99
MW-11	07/19/04			40.10		3,637.93
MW-11	11/08/04			38.66		3,639.37
MW-11	03/31/05			37.25		3,640.78
MW-11	05/13/05			37.40		3,640.63
MW-11	05/23/05			37.34		3,640.69
MW-11	05/26/05			31.45		3,646.58
MW-11	06/28/05			37.54		3,640.49
MW-11	08/15/05			37.60		3,640.43
MW-11	08/17/05			37.61		3,640.42
MW-11	11/14/05			37.80		3,640.23
MW-11	01/23/06			38.58		3,639.45
MW-11	03/02/06			37.97		3,640.06
MW-11	06/01/06			39.15		3,638.88
MW-11	08/14/06			39.33		3,638.70
MW-11	11/28/06			39.00		3,639.03

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-11	12/12/06			39.06		3,638.97
MW-11	01/09/07			39.06		3,638.97
MW-11	02/08/07			38.91		3,639.12
MW-11	02/21/07			39.11		3,638.92
MW-11	02/27/07			44.87		3,633.16
MW-11	03/09/07			39.17		3,638.86
MW-11	03/13/07			39.13		3,638.90
MW-11	03/15/07			39.16		3,638.87
MW-11	03/23/07			39.01		3,639.02
MW-11	03/28/07			39.05		3,638.98
MW-11	04/12/07			39.34		3,638.69
MW-11	04/18/07			39.25		3,638.78
MW-11	05/22/07			39.24		3,638.79
MW-11	06/20/07			39.30		3,638.73
MW-11	07/18/07			39.42		3,638.61
MW-11	09/19/07			39.55		3,638.48
MW-11	11/02/07			39.37		3,638.66
MW-11	11/16/07			39.46		3,638.57
MW-11	12/05/07			39.47		3,638.56
MW-11	01/30/08			39.51		3,638.52
MW-11	03/11/08			39.56		3,638.47
MW-11	04/29/08			39.63		3,638.40
MW-11	05/09/08			39.66		3,638.37

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-11	06/11/08		40.01	40.49	0.48	3,637.97
MW-11	06/20/08		40.04	40.64	0.60	3,637.93
MW-11	07/22/08		39.61	40.88	1.27	3,638.29
MW-11	08/19/08		40.42	41.04	0.62	3,637.55
MW-11	08/20/08		40.42	41.09	0.67	3,637.54
MW-11	09/02/08		39.78	39.96	0.18	3,638.23
MW-11	11/18/08		39.35	42.46	3.11	3,638.37
MW-11	12/18/08		39.25	43.07	3.82	3,638.40
MW-11	01/13/09		39.45	42.41	2.96	3,638.28
MW-11	03/03/09		39.50	42.67	3.17	3,638.21
MW-11	06/24/09		39.44	43.74	4.30	3,638.16
MW-11	08/11/09		39.65	43.61	3.96	3,637.98
MW-11	11/18/09		40.21	42.95	2.74	3,637.37
MW-11	02/16/10		40.14	44.05	3.91	3,637.24
MW-11	06/03/10		40.70	44.77	4.07	3,636.73
MW-11	09/20/10		40.64	44.48	3.84	3,636.83
MW-11	12/27/10		40.53	43.35	2.82	3,637.09
MW-12	01/23/04	3,679.63	39.49	45.30	5.81	3,639.56
MW-12	03/23/04		38.89	47.39	8.50	3,639.89
MW-12	03/29/04		38.86	47.33	8.47	3,639.92
MW-12	04/29/04		38.86	48.57	9.71	3,639.80
MW-12	05/03/04		38.83	46.63	7.80	3,640.02

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-12	07/12/04		39.58	47.53	7.95	3,639.26
MW-12	12/09/04		37.50	44.28	6.78	3,641.45
MW-12	02/16/05		36.68	43.87	7.19	3,642.23
MW-12	03/31/05		36.95	42.97	6.02	3,642.08
MW-12	05/13/05		36.83	43.97	7.14	3,642.09
MW-12	05/26/05		36.95	43.71	6.76	3,642.00
MW-12	06/28/05		36.97	44.14	7.17	3,641.94
MW-12	08/15/05		37.25	43.60	6.35	3,641.75
MW-12	11/14/05		37.73	43.51	5.78	3,641.32
MW-12	01/23/06		38.08	44.34	6.26	3,640.92
MW-12	03/02/06		37.71	43.82	6.11	3,641.31
MW-12	06/01/06		38.87	44.25	5.38	3,640.22
MW-12	08/14/06		39.11	45.85	6.74	3,639.85
MW-12	11/28/06		38.64	44.91	6.27	3,640.36
MW-12	12/12/06		38.63	44.92	6.29	3,640.37
MW-12	01/09/07		38.41	44.87	6.46	3,640.57
MW-12	02/08/07		nd	42.02	na	3,636.01
MW-12	03/09/07		38.67	45.13	6.46	3,640.31
MW-12	03/13/07		38.64	45.14	6.50	3,640.34
MW-12	03/15/07		38.64	45.16	6.52	3,640.34
MW-12	03/23/07		38.68	45.14	6.46	3,640.30
MW-12	03/28/07		38.68	45.19	6.51	3,640.30
MW-12	04/12/07		39.22	44.25	5.03	3,639.91

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-12	04/18/07		39.96	44.68	4.72	3,639.20
MW-12	05/22/07		39.51	43.75	4.24	3,639.70
MW-12	06/20/07		39.42	43.40	3.98	3,639.81
MW-12	06/28/07		39.47	43.06	3.59	3,639.80
MW-12	07/18/07		39.65	42.80	3.15	3,639.67
MW-12	08/15/07		39.27	43.96	4.69	3,639.89
MW-12	08/22/07		39.50	42.90	3.40	3,639.79
MW-12	08/28/07		39.78	42.04	2.26	3,639.62
MW-12	09/19/07		39.39	43.31	3.92	3,639.85
MW-12	09/25/07		39.29	43.67	4.38	3,639.90
MW-12	10/09/07		39.14	44.79	5.65	3,639.93
MW-12	10/17/07		39.57	42.72	3.15	3,639.75
MW-12	10/26/07		39.21	41.22	2.01	3,640.22
MW-12	11/05/07		39.13	44.61	5.48	3,639.95
MW-12	11/12/07		39.33	44.70	5.37	3,639.76
MW-12	12/05/07		39.34	44.87	5.53	3,639.74
MW-12	01/03/08		39.37	44.14	4.77	3,639.78
MW-12	01/30/08		38.29	44.71	6.42	3,640.70
MW-12	02/04/08		38.35	44.81	6.46	3,640.63
MW-12	02/12/08		38.30	44.75	6.45	3,640.69
MW-12	03/11/08		39.29	45.08	5.79	3,639.76
MW-12	03/26/08		39.44	44.43	4.99	3,639.69
MW-12	04/02/08		39.46	44.87	5.41	3,639.63

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-12	04/16/08		39.51	44.94	5.43	3,639.58
MW-12	04/29/08		39.76	44.26	4.50	3,639.42
MW-12	05/07/08		39.71	44.76	5.05	3,639.42
MW-12	06/11/08		39.86	45.02	5.16	3,639.25
MW-12	06/20/08		39.88	45.19	5.31	3,639.22
MW-12	07/22/08		39.69	45.50	5.81	3,639.36
MW-12	07/24/08		40.61	46.15	5.54	3,638.47
MW-12	08/19/08		40.08	46.95	6.87	3,638.86
MW-12	08/20/08		40.09	46.98	6.89	3,638.85
MW-12	11/18/08		39.50	45.95	6.45	3,639.49
MW-12	12/18/08		39.52	45.96	6.44	3,639.47
MW-12	01/13/09		39.68	45.44	5.76	3,639.37
MW-12	03/03/09		39.63	46.05	6.42	3,639.36
MW-12	06/24/09		39.79	46.24	6.45	3,639.20
MW-12	08/11/09		39.95	46.28	6.33	3,639.05
MW-12	11/18/09		40.44	46.21	5.77	3,638.24
MW-12	02/16/10		40.56	46.04	5.48	3,638.17
MW-12	06/03/10		41.26	46.76	5.50	3,637.56
MW-12	09/20/10		41.77	46.69	4.92	3,637.14
MW-12	12/27/10		40.70	46.72	6.02	3,638.05
MW-13	01/23/04	3,681.42	TD=51.43	39.67		3,641.75
MW-13	04/29/04			39.58		3,641.84

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-13	05/12/04			41.05		3,640.37
MW-13	06/03/04			41.05		3,640.37
MW-13	07/12/04			42.18		3,639.24
MW-13	07/19/04			42.44		3,638.98
MW-13	11/08/04			40.24		3,641.18
MW-13	03/31/05			38.79		3,642.63
MW-13	05/13/05			38.83		3,642.59
MW-13	05/23/05			38.82		3,642.60
MW-13	05/26/05			38.87		3,642.55
MW-13	06/28/05			38.63		3,642.79
MW-13	08/15/05			39.07		3,642.35
MW-13	08/17/05			39.02		3,642.40
MW-13	11/14/05			39.15		3,642.27
MW-13	01/23/06			39.84		3,641.58
MW-13	03/02/06			39.28		3,642.14
MW-13	06/01/06			40.73		3,640.69
MW-13	08/14/06			41.22		3,640.20
MW-13	11/28/06			40.38		3,641.04
MW-13	12/12/06			40.37		3,641.05
MW-13	01/09/07			40.36		3,641.06
MW-13	02/08/07			42.02		3,639.40
MW-13	02/27/07			40.41		3,641.01
MW-13	03/09/07			40.42		3,641.00

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-13	03/13/07			40.42		3,641.00
MW-13	03/15/07			40.44		3,640.98
MW-13	03/23/07			40.25		3,641.17
MW-13	03/28/07			40.35		3,641.07
MW-13	04/12/07			40.55		3,640.87
MW-13	04/18/07			40.48		3,640.94
MW-13	05/23/07			40.48		3,640.94
MW-13	06/20/07			40.60		3,640.82
MW-13	07/18/07			40.68		3,640.74
MW-13	09/19/07			39.55		3,641.87
MW-13	11/02/07			40.58		3,640.84
MW-13	11/16/07			40.43		3,640.99
MW-13	12/05/07			40.75		3,640.67
MW-13	01/30/08			40.78		3,640.64
MW-13	03/11/08			36.14		3,645.28
MW-13	04/29/08			40.92		3,640.50
MW-13	05/09/08			40.94		3,640.48
MW-13	06/11/08			40.98		3,640.44
MW-13	06/20/08			41.08		3,640.34
MW-13	08/19/08			41.10		3,640.32
MW-13	08/20/08			41.09		3,640.33
MW-13	12/18/08			41.26		3,640.16
MW-13	01/13/09			41.26		3,640.16

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-13	03/03/09			41.37		3,640.05
MW-13	06/24/09			41.55		3,639.87
MW-13	08/11/09			41.69		3,639.73
MW-13	11/18/09			41.99		3,639.43
MW-13	02/16/10			41.85		3,639.57
MW-13	06/03/10			42.37		3,639.05
MW-13	09/20/10			42.57		3,638.85
MW-13	12/27/10			42.57		3,638.85
MW-14	06/03/04	3,679.00	39.16	42.87	3.71	3,639.47
MW-14	07/12/04		39.29	46.46	7.17	3,638.99
MW-14	07/19/04		39.45	46.59	7.14	3,638.84
MW-14	08/26/04		38.92	45.94	7.02	3,639.38
MW-14	12/09/04		37.11	43.08	5.97	3,641.29
MW-14	02/16/05		36.62	42.53	5.91	3,641.79
MW-14	03/31/05		36.34	43.32	6.98	3,641.96
MW-14	05/13/05		36.45	43.34	6.89	3,641.86
MW-14	05/26/05		36.48	45.27	8.79	3,641.64
MW-14	06/28/05		36.54	44.83	8.29	3,641.63
MW-14	08/15/05		37.14	41.59	4.45	3,641.42
MW-14	11/14/05		37.55	41.70	4.15	3,641.04
MW-14	01/23/06		37.85	42.74	4.89	3,640.66
MW-14	03/02/06		37.58	41.71	4.13	3,641.01

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-14	06/01/06		38.84	41.75	2.91	3,639.87
MW-14	08/14/06		0.00	39.00	39.00	3,675.10
MW-14	11/28/06		38.30	43.55	5.25	3,640.18
MW-14	12/12/06		38.24	44.02	5.78	3,640.18
MW-14	01/09/07		38.21	42.26	4.05	3,640.39
MW-14	02/08/07		38.18	44.27	6.09	3,640.21
MW-14	02/27/07		38.26	44.32	6.06	3,640.13
MW-14	03/09/07		38.27	44.41	6.14	3,640.12
MW-14	03/13/07		38.20	44.21	6.01	3,640.20
MW-14	03/15/07		38.22	44.20	5.98	3,640.18
MW-14	03/23/07		38.28	44.22	5.94	3,640.13
MW-14	03/28/07		38.25	44.27	6.02	3,640.15
MW-14	04/12/07		39.41	40.64	1.23	3,639.47
MW-14	04/18/07		39.69	40.01	0.32	3,639.28
MW-14	05/23/07		39.71	40.02	0.31	3,639.26
MW-14	06/20/07		38.96	41.88	2.92	3,639.75
MW-14	06/28/07		39.05	41.85	2.80	3,639.67
MW-14	07/18/07		39.58	39.91	0.33	3,639.39
MW-14	08/15/07		39.63	39.87	0.24	3,639.35
MW-14	08/22/07		39.54	40.15	0.61	3,639.40
MW-14	08/28/07		39.39	41.62	2.23	3,639.39
MW-14	09/19/07		39.07	41.79	2.72	3,639.66
MW-14	09/25/07		39.34	40.94	1.60	3,639.50

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-14	10/09/07		39.44	41.15	1.71	3,639.39
MW-14	10/17/07		39.61	39.80	0.19	3,639.37
MW-14	10/26/07		39.56	39.88	0.32	3,639.41
MW-14	11/05/07		39.08	42.21	3.13	3,639.61
MW-14	11/12/07		38.95	43.05	4.10	3,639.64
MW-14	12/05/07		38.99	43.75	4.76	3,639.53
MW-14	01/03/08		38.94	43.60	4.66	3,639.59
MW-14	01/30/08		39.03	43.88	4.85	3,639.49
MW-14	02/04/08		39.19	44.12	4.93	3,639.32
MW-14	02/12/08		39.06	43.91	4.85	3,639.46
MW-14	03/11/08		39.56	41.27	1.71	3,639.27
MW-14	03/26/08		39.94	40.14	0.20	3,639.04
MW-14	04/02/08		40.13	40.26	0.13	3,638.86
MW-14	04/16/08		39.94	40.25	0.31	3,639.03
MW-14	04/29/08		39.97	40.32	0.35	3,639.00
MW-14	05/07/08		39.39	43.18	3.79	3,639.23
MW-14	06/11/08		40.23	40.49	0.26	3,638.74
MW-14	06/20/08		40.29	40.52	0.23	3,638.69
MW-14	07/24/08		41.00	41.22	0.22	3,637.98
MW-14	08/19/08		39.86	44.75	4.89	3,638.65
MW-14	09/02/08		39.99	40.22	0.23	3,638.99
MW-14	11/18/08		39.15	44.54	5.39	3,639.31
MW-14	12/18/08		39.18	44.61	5.43	3,639.28

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-14	01/13/09		39.25	44.33	5.08	3,639.24
MW-14	03/03/09		40.02	44.32	4.30	3,638.55
MW-14	06/24/09		39.45	44.90	5.45	3,639.01
MW-14	08/11/09		39.60	44.80	5.20	3,638.88
MW-14	11/18/09		40.57	42.70	2.13	3,638.08
MW-14	02/16/10		40.15	45.50	5.35	3,637.97
MW-14	06/03/10		40.92	46.47	5.55	3,637.26
MW-14	09/20/10		40.85	46.08	5.23	3,637.38
MW-14	12/27/10		40.50	44.44	3.94	3,637.92
MW-15	06/03/04	3,674.92		36.22		3,638.70
MW-15	07/12/04			36.77		3,638.15
MW-15	07/19/04			36.90		3,638.02
MW-15	11/08/04			35.10		3,639.82
MW-15	03/31/05			33.92		3,641.00
MW-15	05/13/05			34.00		3,640.92
MW-15	05/23/05			35.34		3,639.58
MW-15	05/26/05			35.38		3,639.54
MW-15	06/28/05			35.46		3,639.46
MW-15	08/15/05			34.32		3,640.60
MW-15	08/17/05			34.29		3,640.63
MW-15	11/14/05			34.47		3,640.45
MW-15	01/23/06			35.17		3,639.75

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-15	03/02/06			34.60		3,640.32
MW-15	06/01/06			37.18		3,637.74
MW-15	08/10/06			35.62		3,639.30
MW-15	11/28/06			35.63		3,639.29
MW-15	12/12/06			36.92		3,638.00
MW-15	01/09/07			36.93		3,637.99
MW-15	02/27/07		35.16	35.67	0.51	3,639.71
MW-15	03/09/07		35.16	35.92	0.76	3,639.68
MW-15	03/13/07		35.65	36.01	0.36	3,639.23
MW-15	03/15/07		35.64	36.20	0.56	3,639.22
MW-15	03/23/07		35.68	36.14	0.46	3,639.19
MW-15	03/28/07		35.70	36.21	0.51	3,639.17
MW-15	04/12/07		35.75	36.51	0.76	3,639.09
MW-15	04/18/07		35.70	36.46	0.76	3,639.14
MW-15	05/22/07		35.70	37.04	1.34	3,639.09
MW-15	06/20/07		35.90	37.52	1.62	3,638.86
MW-15	07/18/07		35.60	38.10	2.50	3,639.07
MW-15	08/15/07		35.47	38.56	3.09	3,639.14
MW-15	08/22/07		35.48	38.58	3.10	3,639.13
MW-15	08/28/07		35.59	38.15	2.56	3,639.07
MW-15	09/19/07		35.78	36.98	1.20	3,639.02
MW-15	09/25/07		36.43	37.27	0.84	3,638.41
MW-15	10/09/07		35.61	37.99	2.38	3,639.07

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-15	10/17/07		35.49	38.36	2.87	3,639.14
MW-15	10/26/07		35.47	38.71	3.24	3,639.13
MW-15	11/05/07		35.46	39.89	4.43	3,639.02
MW-15	11/12/07		35.37	39.18	3.81	3,639.17
MW-15	12/05/07		35.31	39.75	4.44	3,639.17
MW-15	01/03/08		35.31	40.26	4.95	3,639.12
MW-15	01/30/08		35.27	40.47	5.20	3,639.13
MW-15	02/04/08		35.33	40.60	5.27	3,639.06
MW-15	02/12/08		35.28	40.48	5.20	3,639.12
MW-15	03/11/08		35.35	40.65	5.30	3,639.04
MW-15	03/26/08		35.40	40.71	5.31	3,638.99
MW-15	04/02/08		35.44	40.74	5.30	3,638.95
MW-15	04/16/08		36.34	36.61	0.27	3,638.55
MW-15	04/29/08		36.43	36.64	0.21	3,638.47
MW-15	05/07/08		36.07	39.29	3.22	3,638.53
MW-15	06/11/08		36.64	36.89	0.25	3,638.26
MW-15	06/20/08		36.69	36.91	0.22	3,638.21
MW-15	07/24/08		36.51	41.53	5.02	3,637.91
MW-15	08/19/08		36.19	41.46	5.27	3,638.20
MW-15	08/20/08		36.19	41.48	5.29	3,638.20
MW-15	09/02/08		36.02	38.35	2.33	3,638.67
MW-15	11/18/08		35.61	40.73	5.12	3,638.80
MW-15	12/18/08		35.64	40.88	5.24	3,638.76

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-15	01/13/09		35.70	40.67	4.97	3,638.72
MW-15	03/03/09		35.75	40.90	5.15	3,638.66
MW-15	06/24/09		36.02	40.90	4.88	3,638.41
MW-15	08/11/09		36.09	41.00	4.91	3,638.34
MW-15	11/18/09		36.15	41.38	5.23	3,637.91
MW-15	02/16/10		36.72	40.97	4.25	3,637.50
MW-15	06/03/10		37.96	38.73	0.77	3,636.85
MW-15	09/20/10		37.60	41.13	3.53	3,636.80
MW-15	12/27/10		37.29	39.25	1.96	3,637.34
MW-16	06/03/04	3,676.86		37.66		3,639.20
MW-16	07/12/04			38.35		3,638.51
MW-16	07/19/04			38.57		3,638.29
MW-16	11/08/04			36.38		3,640.48
MW-16	03/31/05			35.29		3,641.57
MW-16	05/13/05			35.31		3,641.55
MW-16	05/23/05			35.18		3,641.68
MW-16	05/26/05			34.04		3,642.82
MW-16	06/28/05			34.11		3,642.75
MW-16	08/15/05			35.61		3,641.25
MW-16	08/17/05			35.56		3,641.30
MW-16	11/14/05			35.73		3,641.13
MW-16	01/23/06			36.45		3,640.41

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-16	03/02/06			35.85		3,641.01
MW-16	06/01/06			35.82		3,641.04
MW-16	08/14/06			37.50		3,639.36
MW-16	11/28/06			37.94		3,638.92
MW-16	12/12/06			35.65		3,641.21
MW-16	01/09/07			35.67		3,641.19
MW-16	03/09/07			36.00		3,640.86
MW-16	03/13/07			36.98		3,639.88
MW-16	03/15/07			36.96		3,639.90
MW-16	03/23/07			36.84		3,640.02
MW-16	03/28/07			36.96		3,639.90
MW-16	04/12/07			37.14		3,639.72
MW-16	04/18/07			37.03		3,639.83
MW-16	05/23/07			37.08		3,639.78
MW-16	06/20/07			37.16		3,639.70
MW-16	07/18/07			37.28		3,639.58
MW-16	09/19/07			37.27		3,639.59
MW-16	11/02/07			37.30		3,639.56
MW-16	11/16/07			37.32		3,639.54
MW-16	12/05/07			37.36		3,639.50
MW-16	01/30/08			37.38		3,639.48
MW-16	03/11/08			37.46		3,639.40
MW-16	04/29/08			37.51		3,639.35

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-16	05/09/08			37.54		3,639.32
MW-16	06/11/08			37.56		3,639.30
MW-16	06/20/08			37.64		3,639.22
MW-16	08/19/08			37.68		3,639.18
MW-16	08/20/08			37.69		3,639.17
MW-16	11/18/08			37.81		3,639.05
MW-16	12/18/08			37.85		3,639.01
MW-16	01/13/09			37.86		3,639.00
MW-16	03/03/09			37.95		3,638.91
MW-16	06/24/09			38.13		3,638.73
MW-16	08/11/09			38.25		3,638.61
MW-16	11/18/09			38.55		3,638.31
MW-16	02/16/10			38.47		3,638.39
MW-16	06/03/10		39.26	39.85	0.59	3,637.51
MW-16	09/20/10		38.88	40.52	1.64	3,637.74
MW-16	12/27/10		38.51	40.87	2.36	3,638.00
MW-17	06/03/04	3,679.01	39.66	42.05	2.39	3,639.11
MW-17	07/12/04		39.39	46.94	7.55	3,638.87
MW-17	07/19/04		39.50	46.97	7.47	3,638.76
MW-17	08/26/04		39.04	46.59	7.55	3,639.22
MW-17	12/09/04		37.11	44.60	7.49	3,641.15
MW-17	02/16/05		37.00	41.07	4.07	3,641.60

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-17	03/31/05		36.49	44.13	7.64	3,641.76
MW-17	05/13/05		36.52	44.24	7.72	3,641.72
MW-17	05/26/05		36.72	44.28	7.56	3,641.53
MW-17	06/28/05		36.95	44.76	7.81	3,641.28
MW-17	08/15/05		37.25	42.35	5.10	3,641.25
MW-17	11/14/05		37.69	42.33	4.64	3,640.86
MW-17	01/23/06		38.15	43.41	5.26	3,640.33
MW-17	03/02/06		37.59	43.25	5.66	3,640.85
MW-17	06/01/06		38.95	42.48	3.53	3,639.71
MW-17	08/14/06		39.10	44.41	5.31	3,639.38
MW-17	11/28/06		38.49	44.04	5.55	3,639.97
MW-17	12/12/06		38.42	44.33	5.91	3,640.00
MW-17	01/09/07		38.42	43.07	4.65	3,640.13
MW-17	02/08/07		38.38	44.95	6.57	3,639.97
MW-17	02/27/07		38.51	45.22	6.71	3,639.83
MW-17	03/09/07		38.41	45.11	6.70	3,639.93
MW-17	03/13/07		38.39	45.02	6.63	3,639.96
MW-17	03/15/07		38.41	45.01	6.60	3,639.94
MW-17	03/23/07		38.43	45.11	6.68	3,639.91
MW-17	03/28/07		38.43	45.26	6.83	3,639.90
MW-17	04/12/07		39.06	43.82	4.76	3,639.47
MW-17	04/18/07		39.13	44.32	5.19	3,639.36
MW-17	05/23/07		39.41	43.65	4.24	3,639.18

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-17	06/20/07		39.52	41.72	2.20	3,639.27
MW-17	06/28/07		39.79	40.75	0.96	3,639.12
MW-17	07/18/07		39.82	40.81	0.99	3,639.09
MW-17	08/15/07		39.92	40.18	0.26	3,639.06
MW-17	08/22/07		39.87	40.17	0.30	3,639.11
MW-17	08/28/07		39.90	40.39	0.49	3,639.06
MW-17	09/25/07		39.78	40.17	0.39	3,639.19
MW-17	10/09/07		39.92	40.38	0.46	3,639.04
MW-17	10/17/07		39.83	40.17	0.34	3,639.15
MW-17	10/26/07		39.91	40.03	0.12	3,639.09
MW-17	11/05/07		39.17	43.19	4.02	3,639.44
MW-17	11/12/07		39.89	40.04	0.15	3,639.11
MW-17	12/05/07		39.75	41.97	2.22	3,639.04
MW-17	01/03/08		39.50	42.39	2.89	3,639.22
MW-17	01/30/08		39.10	44.36	5.26	3,639.38
MW-17	02/04/08		39.21	44.44	5.23	3,639.28
MW-17	02/12/08		39.14	44.38	5.24	3,639.35
MW-17	03/11/08		39.66	42.27	2.61	3,639.09
MW-17	03/26/08		40.22	40.39	0.17	3,638.77
MW-17	04/16/08		40.19	40.60	0.41	3,638.78
MW-17	04/29/08		40.21	40.74	0.51	3,638.73
MW-17	05/07/08		39.49	43.18	3.69	3,639.15
MW-17	06/11/08		40.48	40.90	0.42	3,638.49

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-17	06/20/08		40.54	40.88	0.34	3,638.44
MW-17	07/24/08		41.05	42.26	1.21	3,637.84
MW-17	08/19/08		39.99	45.73	5.74	3,638.45
MW-17	09/02/08		40.27	40.37	0.10	3,638.73
MW-17	11/18/08		39.31	45.25	5.94	3,639.11
MW-17	12/18/08		39.39	45.40	6.01	3,639.02
MW-17	01/13/09		39.40	45.25	5.85	3,639.03
MW-17	03/03/09		39.44	45.50	6.06	3,638.96
MW-17	06/24/09		39.69	45.24	5.55	3,638.77
MW-17	08/11/09		39.80	45.50	5.70	3,638.64
MW-17	11/18/09		40.49	44.56	4.07	3,637.85
MW-17	02/16/10		40.42	45.55	5.13	3,637.74
MW-17	06/03/10		41.75	43.25	1.50	3,637.04
MW-17	09/20/10		41.65	46.70	5.05	3,636.62
MW-17	12/27/10		40.84	44.75	3.91	3,637.60
MW-18	11/28/06		TD=45.84	35.64		
MW-18	12/12/06			35.65		
MW-18	01/09/07			35.62		
MW-18	02/08/07			35.50		
MW-18	03/09/07			35.70		
MW-18	03/13/07			35.71		
MW-18	03/15/07			35.70		

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-18	03/23/07			35.57		
MW-18	03/28/07			36.65		
MW-18	04/12/07			35.83		
MW-18	04/18/07			35.84		
MW-18	05/22/07			35.86		
MW-18	06/20/07			35.86		
MW-18	07/18/07			35.98		
MW-18	09/19/07	3,675.68		35.94		3,639.74
MW-18	11/02/07			35.97		3,639.71
MW-18	12/05/07			36.04		3,639.64
MW-18	01/30/08			36.08		3,639.60
MW-18	03/11/08			36.14		3,639.54
MW-18	04/29/08			38.22		3,637.46
MW-18	05/09/08			36.22		3,639.46
MW-18	06/11/08			36.27		3,639.41
MW-18	06/20/08			36.37		3,639.31
MW-18	08/19/08			36.37		3,639.31
MW-18	08/20/08			36.38		3,639.30
MW-18	11/18/08			36.51		3,639.17
MW-18	12/18/08			36.55		3,639.13
MW-18	01/13/09			36.56		3,639.12
MW-18	03/03/09			36.64		3,639.04
MW-18	06/24/09			36.84		3,638.84

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-18	08/11/09			36.94		3,638.74
MW-18	11/18/09			37.20		3,638.48
MW-18	02/16/10			37.15		3,638.53
MW-18	06/03/10			37.57		3,638.11
MW-18	09/20/10			37.87		3,637.81
MW-18	12/27/10			37.76		3,637.92
MW-19	11/28/06		TD=46.12	35.55		
MW-19	12/12/06			35.55		
MW-19	01/09/07			35.57		
MW-19	02/08/07			35.43		
MW-19	03/09/07			35.65		
MW-19	03/13/07			35.65		
MW-19	03/15/07			35.66		
MW-19	03/23/07			35.48		
MW-19	03/28/07			35.54		
MW-19	04/12/07			35.77		
MW-19	04/18/07			35.72		
MW-19	05/23/07			35.71		
MW-19	06/20/07			35.81		
MW-19	07/18/07			35.90		
MW-19	09/19/07	3,674.96		35.87		3,639.09
MW-19	11/02/07			35.90		3,639.06

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-19	11/16/07			35.96		3,639.00
MW-19	12/05/07			36.56		3,638.40
MW-19	01/30/08			36.59		3,638.37
MW-19	03/11/08			36.06		3,638.90
MW-19	04/29/08			38.14		3,636.82
MW-19	05/09/08			36.15		3,638.81
MW-19	06/11/08			36.20		3,638.76
MW-19	06/20/08			36.28		3,638.68
MW-19	08/19/08			36.33		3,638.63
MW-19	08/20/08			36.32		3,638.64
MW-19	11/18/08			36.44		3,638.52
MW-19	12/18/08			36.48		3,638.48
MW-19	01/13/09			36.50		3,638.46
MW-19	03/03/09			36.57		3,638.39
MW-19	06/24/09			36.76		3,638.20
MW-19	08/11/09			36.85		3,638.11
MW-19	11/18/09			37.09		3,637.87
MW-19	02/16/10			37.10		3,637.86
MW-19	06/03/10			37.51		3,637.45
MW-19	09/20/10			37.76		3,637.20
MW-19	12/27/10			37.68		3,637.28
MW-20	11/28/06			35.61		

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-20	12/12/06			35.63		
MW-20	01/09/07			35.67		
MW-20	02/08/07			35.53		
MW-20	03/09/07			35.75		
MW-20	03/13/07			35.73		
MW-20	03/15/07			35.70		
MW-20	03/23/07			35.60		
MW-20	03/28/07			35.67		
MW-20	04/12/07			35.87		
MW-20	04/18/07			35.81		
MW-20	05/23/07			35.80		
MW-20	06/20/07			35.90		
MW-20	07/18/07			36.01		
MW-20	09/19/07	3,674.38		35.99		3,638.39
MW-20	11/02/07			36.01		3,638.37
MW-20	12/05/07			35.97		3,638.41
MW-20	01/30/08			36.01		3,638.37
MW-20	03/11/08			36.14		3,638.24
MW-20	03/11/08			36.14		3,638.24
MW-20	04/29/08			36.23		3,638.15
MW-20	05/09/08			36.22		3,638.16
MW-20	06/11/08			36.28		3,638.10
MW-20	06/20/08			36.35		3,638.03
MW-20	08/19/08			36.39		3,637.99

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-20	08/20/08			36.38		3,638.00
MW-20	11/18/08			36.51		3,637.87
MW-20	12/18/08			36.55		3,637.83
MW-20	01/13/09			36.56		3,637.82
MW-20	03/03/09			36.64		3,637.74
MW-20	06/24/09			36.81		3,637.57
MW-20	08/11/09			36.92		3,637.46
MW-20	11/18/09			37.15		3,637.23
MW-20	02/16/10			37.18		3,637.20
MW-20	06/03/10			37.54		3,636.84
MW-20	09/20/10		37.67	39.05	1.38	3,636.51
MW-20	12/20/10		37.14	40.12	2.98	3,636.80
MW-21	12/05/07	3,674.38	TD=53.24	36.34		3,638.04
MW-21	01/30/08			36.41		3,637.97
MW-21	03/11/08			36.48		3,637.90
MW-21	05/09/08			36.54		3,637.84
MW-21	06/11/08			36.59		3,637.79
MW-21	06/20/08			36.67		3,637.71
MW-21	08/19/08			36.70		3,637.68
MW-21	08/20/08			36.71		3,637.67
MW-21	11/18/08			36.82		3,637.56
MW-21	12/18/08			36.87		3,637.51
MW-21	01/13/09			36.88		3,637.50

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-21	03/03/09			36.95		3,637.43
MW-21	06/24/09			37.11		3,637.27
MW-21	08/11/09			37.22		3,637.16
MW-21	11/18/09			37.42		3,636.96
MW-21	02/16/10			37.50		3,636.88
MW-21	06/03/10			37.75		3,636.63
MW-21	09/20/10			38.20		3,636.18
MW-21	12/27/10			37.92		3,636.46
MW-22	12/05/07	3,674.07	TD=50.53	36.08		3,637.99
MW-22	01/30/08			36.19		3,637.88
MW-22	03/11/08			36.26		3,637.81
MW-22	04/29/08			36.31		3,637.76
MW-22	05/09/08			36.31		3,637.76
MW-22	06/11/08			36.70		3,637.37
MW-22	06/20/08			36.45		3,637.62
MW-22	08/19/08			36.48		3,637.59
MW-22	08/20/08			36.49		3,637.58
MW-22	11/18/08			36.61		3,637.46
MW-22	12/18/08			36.66		3,637.41
MW-22	01/13/09			36.67		3,637.40
MW-22	03/03/09			36.75		3,637.32
MW-22	06/24/09			36.90		3,637.17
MW-22	08/11/09			37.01		3,637.06

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-22	11/18/09			37.23		3,636.84
MW-22	02/16/10			37.29		3,636.78
MW-22	06/03/10			37.57		3,636.50
MW-22	09/20/10			38.00		3,636.07
MW-22	12/27/10			37.75		3,636.32
MW-23	03/17/08	WELL INSTALLATION				
MW-23	03/25/08	TD=49.5				
MW-23	03/29/08			36.08		
MW-23	04/29/08			36.15		
MW-23	05/09/08	3,672.39		36.15		3,636.24
MW-23	06/11/08			36.20		3,636.19
MW-23	06/20/08			36.31		3,636.08
MW-23	08/19/08			36.33		3,636.06
MW-23	08/20/08			36.31		3,636.08
MW-23	11/18/08			36.33		3,636.06
MW-23	12/18/08			36.51		3,635.88
MW-23	01/13/09			36.51		3,635.88
MW-23	03/03/09			36.60		3,635.79
MW-23	06/24/09			36.74		3,635.65
MW-23	08/11/09			36.82		3,635.57
MW-23	11/18/09			37.03		3,635.36
MW-23	02/16/10			37.12		3,635.27
MW-23	06/03/10			37.29		3,635.10

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
MW-23	09/20/10			37.70		3,634.69
MW-23	12/27/10			37.76		3,634.63
MW-24	03/17/08	WELL INSTALLATION				
MW-24	03/25/08			36.04		
MW-24	03/29/08			36.04		
MW-24	04/29/08			36.04		
MW-24	05/09/08	3,672.79		36.03		3,636.76
MW-24	06/11/08			36.08		3,636.71
MW-24	06/20/08			36.16		3,636.63
MW-24	08/19/08			36.20		3,636.59
MW-24	08/20/08			36.20		3,636.59
MW-24	11/18/08			36.46		3,636.33
MW-24	12/18/08			36.38		3,636.41
MW-24	01/13/09			36.38		3,636.41
MW-24	03/03/09			36.45		3,636.34
MW-24	06/24/09			36.61		3,636.18
MW-24	08/11/09			36.05		3,636.74
MW-24	11/18/09			36.91		3,635.88
MW-24	02/16/10			36.90		3,635.89
MW-24	06/03/10			37.19		3,635.60
MW-24	09/20/10	NM - Well not found				
MW-24	12/27/10	NM - Well not found				

TALON LPE

TABLE 1
SUMMARY OF HISTORICAL FLUID LEVEL MEASUREMENTS
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO - SRS# 2003-00017
Talon/LPE Project Number 700376.052.01

Well	Date	Top of Casing Elevation (feet-amsl)	Depth to PSH (feet-btoc)	Depth to Water (feet-btoc)	PSH Thickness (feet)	Corrected Groundwater Elevation (feet-amsl)
Klein Irrigation Well	10/31/03	Well sampled but groundwater depth not measured.				
	11/08/04	Well sampled but groundwater depth not measured.				
	03/31/05	Well sampled but groundwater depth not measured.				
	03/02/06	Well sampled but groundwater depth not measured.				
	06/01/06	Well sampled but groundwater depth not measured.				
	08/14/06	Well not scheduled for sampling.				
	01/09/07	Well not scheduled for sampling.				

PSH - Phase Separated Hydrocarbons NM - not measured
amsl - above mean sea level
btoc - below top of casing
Corrected Groundwater Elevation = Top of Casing Elevation - [Depth to Water Below Top of Casing - (SG)(PSH Thickness)].
SG = 0.853

TABLE 2
SUMMARY OF BTEX GROUNDWATER ANALYTICAL DATA
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE - SRS# 2003-00017
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.052.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-1	01/23/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	05/12/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	07/19/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	11/08/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	03/31/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	05/23/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	08/17/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	03/02/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	06/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	11/28/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	03/28/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	06/20/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	09/19/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	12/05/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	03/11/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	06/20/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	08/22/08	14.7	7.36	1.32	1.65	25.0
MW-1	11/18/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	03/03/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	06/24/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	08/12/09	34.8	14.4	4.57	7.47	61.2
MW-1	11/18/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	02/16/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	06/03/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	09/21/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	12/27/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	01/23/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	05/12/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	07/19/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	11/08/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	03/31/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	05/23/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				

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TABLE 2
SUMMARY OF BTEX GROUNDWATER ANALYTICAL DATA
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE - SRS# 2003-00017
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.052.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-2	08/17/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	03/02/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	06/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	11/28/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	03/28/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	06/20/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	09/19/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	12/05/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	03/11/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	06/20/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	08/20/08	**24.8**	**11.2**	**2.58**	**3.84**	42.4
MW-2	11/18/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	03/03/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	06/24/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	08/11/09	**31.7**	**23.6**	**8.75**	**13.9**	78.0
MW-2	11/18/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	02/16/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	06/03/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	09/21/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	12/27/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	01/23/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	05/12/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	07/19/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	11/08/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	03/31/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	05/23/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	08/17/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	03/02/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	06/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	11/28/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				

TALON LPE

TABLE 2
SUMMARY OF BTEX GROUNDWATER ANALYTICAL DATA
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE - SRS# 2003-00017
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.052.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-3	03/28/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	06/20/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	09/19/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	12/05/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	03/11/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	06/20/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	08/21/08	19.6	10.9	2.16	3.09	35.8
MW-3	11/18/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	03/03/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	06/24/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	08/11/09	34.5	15.6	3.48	5.56	59.1
MW-3	11/18/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	02/16/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	06/03/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	09/21/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	12/27/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	01/23/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	05/12/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	07/19/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	11/08/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	03/31/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	05/23/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	08/17/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	03/02/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	06/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	11/28/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	03/28/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	06/20/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	09/19/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	12/05/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	03/11/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	06/20/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				

TALON LPE

TABLE 2
SUMMARY OF BTEX GROUNDWATER ANALYTICAL DATA
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE - SRS# 2003-00017
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.052.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-4	08/21/08	44.0	9.98	2.72	4.10	60.8
MW-4	11/18/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	03/03/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	06/24/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	08/11/09	45.1	19.8	6.40	12.1	83.4
MW-4	11/18/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	02/16/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	06/03/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	09/21/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	12/27/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	01/23/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	05/12/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	07/19/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	11/08/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	03/31/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	05/23/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	08/17/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	03/02/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	06/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	11/28/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	03/28/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	06/20/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	09/19/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	12/05/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	03/11/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	06/20/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	08/21/08	12.0	10.8	1.78	6.02	30.6
MW-5	11/18/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	03/03/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	06/24/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	08/12/09	15.0	6.31	0.856	1.47	23.6
MW-5	11/18/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				

TALON LPE

TABLE 2
SUMMARY OF BTEX GROUNDWATER ANALYTICAL DATA
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE - SRS# 2003-00017
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.052.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-5	02/16/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-5	06/03/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-5	09/21/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-5	12/27/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	01/23/04	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	05/12/04	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	07/19/04	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	11/08/04	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	03/31/05	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	05/23/05	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	08/17/05	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	11/14/05	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	03/02/06	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	06/01/06	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	08/14/06	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	11/28/06	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	03/28/07	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	06/20/07	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	09/19/07	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	12/05/07	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	03/11/08	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	06/20/08	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	08/21/08	**12.0**	**10.8**	**1.78**	**6.02**	**30.6**
MW-6	11/18/08	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	03/03/09	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	06/24/09	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	08/12/09	**39.8**	**21.8**	**4.60**	**7.09**	**73.3**
MW-6	11/18/09	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	02/16/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	06/03/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	09/21/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-6	12/27/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-7	01/23/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200

TABLE 2
SUMMARY OF BTEX GROUNDWATER ANALYTICAL DATA
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LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.052.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-7	05/12/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-7	07/19/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-7	11/08/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-7	03/31/05	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-7	05/23/05	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-7	08/17/05	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-7	11/14/05	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-7	03/02/06	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-7	06/01/06	Not scheduled for sampling				
MW-7	08/14/06	Not scheduled for sampling				
MW-7	11/28/06	Not scheduled for sampling				
MW-7	03/28/07	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-7	06/20/07	Not scheduled for sampling				
MW-7	09/19/07	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-7	12/05/07	Not scheduled for sampling				
MW-7	03/11/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-7	06/20/08	Not scheduled to sample 2nd quarter				
MW-7	08/21/08	Not scheduled to sample 3rd quarter				
MW-7	11/18/08	Not scheduled to sample 4th quarter				
MW-7	03/03/09	Not scheduled to sample 1st quarter				
MW-7	06/24/09	Not scheduled to sample 2nd quarter				
MW-7	08/12/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-7	11/18/09	Not scheduled to sample 4th quarter				
MW-7	02/16/10	Not scheduled to sample 1st quarter				
MW-7	06/03/10	Not scheduled to sample 2nd quarter				
MW-7	09/21/10	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-7	12/27/10	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-8	01/23/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-8	05/12/04	0.0011	<0.00100	<0.00100	<0.00200	0.0011
MW-8	07/19/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-8	11/08/04	0.00471	<0.00100	<0.00100	<0.00200	0.00471
MW-8	03/31/05	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-8	05/23/05	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-8	08/17/05	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200

TALON LPE

TABLE 2
SUMMARY OF BTEX GROUNDWATER ANALYTICAL DATA
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE - SRS# 2003-00017
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LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.052.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-8	11/14/05	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-8	03/02/06	**0.0674**	0.0348	0.0303	0.0289	0.1614
MW-8	06/01/06	**Not scheduled for sampling**				
MW-8	08/14/06	**Not scheduled for sampling**				
MW-8	11/28/06	**Not scheduled for sampling**				
MW-8	03/28/07	**0.0113**	<0.00100	<0.00100	<0.00200	0.0113
MW-8	06/20/07	**Not scheduled for sampling**				
MW-8	09/19/07	0.0052	<0.00100	<0.00100	<0.00200	0.0052
MW-8	12/05/07	**Not scheduled for sampling**				
MW-8	03/11/08	0.00540	<0.00100	<0.00100	<0.00100	0.0054
MW-8	06/20/08	**Not scheduled to sample 2nd quarter**				
MW-8	08/21/08	**Not scheduled to sample 3rd quarter**				
MW-8	11/18/08	**Not scheduled to sample 4th quarter**				
MW-8	03/03/09	**Not scheduled to sample 1st quarter**				
MW-8	06/24/09	**Not scheduled to sample 2nd quarter**				
MW-8	08/12/09	0.00880	<0.00100	<0.00100	<0.00100	0.0088
MW-8	11/18/09	**Not scheduled to sample 4th quarter**				
MW-8	02/16/10	**Not scheduled to sample 1st quarter**				
MW-8	06/03/10	**Not scheduled to sample 2nd quarter**				
MW-8	09/21/10	0.00660	<0.00100	<0.00100	<0.00100	0.0066
MW-8	12/27/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-9	01/23/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-9	05/12/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-9	07/19/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-9	11/08/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-9	03/31/05	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-9	05/23/05	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-9	08/17/05	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-9	11/14/05	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-9	03/02/06	**0.0538**	0.0281	0.0232	0.0213	0.1264
MW-9	06/01/06	**Not scheduled for sampling**				
MW-9	08/14/06	**Not scheduled for sampling**				
MW-9	11/28/06	**Not scheduled for sampling**				
MW-9	03/28/07	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200

TALON LPE

TABLE 2
SUMMARY OF BTEX GROUNDWATER ANALYTICAL DATA
PLAINS PIPELINE, L.P.
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LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.052.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-9	06/20/07	Not scheduled for sampling				
MW-9	09/19/07	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-9	12/05/07	Not scheduled for sampling				
MW-9	03/11/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	06/20/08	Not scheduled to sample 2nd quarter				
MW-9	08/21/08	Not scheduled to sample 3rd quarter				
MW-9	11/18/08	Not scheduled to sample 4th quarter				
MW-9	03/03/09	Not scheduled to sample 1st quarter				
MW-9	06/24/09	Not scheduled to sample 2nd quarter				
MW-9	08/12/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	11/18/09	Not scheduled to sample 4th quarter				
MW-9	02/16/10	Not scheduled to sample 1st quarter				
MW-9	06/03/10	Not scheduled to sample 2nd quarter				
MW-9	09/21/10	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-9	12/27/10	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100
MW-10	01/23/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-10	05/12/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-10	07/19/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-10	11/08/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-10	03/31/05	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-10	05/23/05	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-10	08/17/05	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-10	11/14/05	**0.0119**	<0.00100	<0.00100	<0.00200	<0.00200
MW-10	03/02/06	**3.31**	0.0232	0.0615	0.08	3.47
MW-10	06/01/06	**1.11**	<0.00100	**0.114**	0.135	0.249
MW-10	08/14/06	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-10	11/28/06	**0.294**	0.0215	0.0179	0.0134	0.347
MW-10	03/28/07	**6.22**	0.552	0.453	0.526	7.751
MW-10	06/20/07	**4.648**	<0.0500	0.3300	<0.100	4.978
MW-10	09/19/07	<0.001	<0.001	<0.001	<0.00200	<0.001
MW-10	12/05/07	**7.375**	<0.0400	0.5106	<0.0400	7.886
MW-10	03/11/08	**1.69**	<0.00500	0.105	0.0122	1.81
MW-10	06/20/08	**3.25**	<0.200	0.272	<0.200	3.52
MW-10	08/21/08	**3.90**	<0.0200	0.356	<0.0200	4.26

TALON LPE

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HOBBS JUNCTION MAINLINE - SRS# 2003-00017
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.052.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-10	11/18/08	**3.35**	<0.0200	0.255	<0.0200	3.61
MW-10	03/03/09	**8.59**	<0.100	**0.771**	<0.100	9.36
MW-10	06/24/09	**5.62**	0.489	**0.874**	<0.100	6.98
MW-10	08/12/09	**3.60**	0.534	0.491	<0.100	4.63
MW-10	11/18/09	**11.40**	**1.840**	**0.818**	0.158	14.22
MW-10	02/16/10	**7.11**	**1.71**	0.608	0.641	10.07
MW-10	06/03/10	**6.34**	**1.82**	0.534	0.394	9.09
MW-10	09/21/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-10	12/27/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-11	01/23/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-11	05/12/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-11	07/19/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-11	11/08/04	0.00225	<0.00100	<0.00100	<0.00200	<0.00200
MW-11	03/31/05	**1.010**	0.0138	0.233	0.075	1.332
MW-11	05/23/05	**3.030**	**0.831**	0.661	**1.20**	5.722
MW-11	08/17/05	**16.0**	**5.30**	**1.40**	**1.20**	23.9
MW-11	11/14/05	**24.00**	**7.45**	**2.24**	**1.95**	35.64
MW-11	03/02/06	**43.4**	**6.33**	**2.55**	**2.090**	54.37
MW-11	06/01/06	**24.1**	**1.86**	**0.811**	**0.894**	27.665
MW-11	08/14/06	**16.3**	**0.880**	**1.700**	**1.568**	20.448
MW-11	11/28/06	**22.0**	**1.200**	**1.82**	**1.353**	26.4
MW-11	03/28/07	**17.5**	**0.728**	**1.88**	**1.450**	21.6
MW-11	06/20/07	**17.86**	**1.420**	**1.836**	**1.487**	22.60
MW-11	09/19/07	**18.35**	0.5280	**1.3990**	**0.822**	21.10
MW-11	12/05/07	**17.89**	**1.365**	**1.290**	**1.011**	21.56
MW-11	03/11/08	**24.7**	**1.19**	**1.66**	**1.33**	28.9
MW-11	06/20/08	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-11	08/21/08	**24.7**	**2.86**	**1.68**	**1.13**	**30.4**
MW-11	11/18/08	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-11	03/03/09	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-11	06/24/09	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-11	08/12/09	**21.8**	**20.5**	**5.13**	**7.68**	**55.1**
MW-11	11/18/09	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-11	02/16/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				

TALON LPE

TABLE 2
SUMMARY OF BTEX GROUNDWATER ANALYTICAL DATA
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE - SRS# 2003-00017
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.052.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-11	06/03/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-11	09/21/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-11	12/27/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	01/23/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	05/12/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	07/19/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	11/08/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	03/31/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	05/23/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	08/17/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	03/02/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	06/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	11/28/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	03/11/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	06/20/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	08/21/08	**24.9**	**14.8**	**3.19**	**4.79**	47.7
MW-12	11/18/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	03/03/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	06/24/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	08/12/09	**26.8**	**9.12**	**2.40**	**3.53**	41.9
MW-12	11/18/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	02/16/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	06/03/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	09/21/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	12/27/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-13	01/23/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-13	05/12/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-13	07/19/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-13	11/08/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-13	03/31/05	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-13	05/23/05	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200

TABLE 2
SUMMARY OF BTEX GROUNDWATER ANALYTICAL DATA
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE - SRS# 2003-00017
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.052.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-13	08/17/05	0.00150	<0.00100	<0.00100	<0.00200	0.0015
MW-13	11/14/05	0.00104	<0.00100	<0.00100	<0.00200	0.00104
MW-13	03/02/06	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-13	06/01/06	Not scheduled for sampling				
MW-13	08/14/06	Not scheduled for sampling				
MW-13	11/28/06	Not scheduled for sampling				
MW-13	03/28/07	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	06/20/07	Not scheduled for sampling				
MW-13	09/19/07	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	12/05/07	Not scheduled for sampling				
MW-13	03/11/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	06/20/08	Not scheduled to sample 2nd quarter				
MW-13	08/20/08	Not scheduled to sample 3rd quarter				
MW-13	11/18/08	Not scheduled to sample 4th quarter				
MW-13	03/03/09	Not scheduled to sample 1st quarter				
MW-13	06/24/09	Not scheduled to sample 2nd quarter				
MW-13	08/12/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	11/18/09	Not scheduled to sample 4th quarter				
MW-13	02/16/10	Not scheduled to sample 1st quarter				
MW-13	06/03/10	Not scheduled to sample 2nd quarter				
MW-13	09/21/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	12/27/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-14	07/19/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	11/08/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	03/31/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	05/23/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	08/17/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	03/02/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	06/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	11/28/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	03/28/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	06/20/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				

TALON LPE

TABLE 2
SUMMARY OF BTEX GROUNDWATER ANALYTICAL DATA
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE - SRS# 2003-00017
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.052.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-14	09/19/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	12/05/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	03/11/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	06/20/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	08/20/08	**34.7**	**10.8**	**2.68**	**3.89**	**52.1**
MW-14	11/18/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	03/03/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	06/24/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	08/11/09	**31.2**	**16.9**	**3.25**	**4.94**	**56.3**
MW-14	11/18/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	02/16/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	06/03/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	09/21/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	12/27/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-15	07/19/04	<0.00100	0.00101	<0.00100	<0.00200	<0.00200
MW-15	11/08/04	0.00482	<0.00100	<0.00100	<0.00200	0.00482
MW-15	03/31/05	0.00104	<0.00100	<0.00100	<0.00200	0.00104
MW-15	05/23/05	0.00263	<0.00100	<0.00100	<0.00200	0.00263
MW-15	08/17/05	**2.15**	<0.00100	<0.00100	0.0239	2.17
MW-15	11/14/05	**8.96**	0.0149	0.0341	0.2650	9.27
MW-15	03/02/06	**7.57**	0.406	0.295	0.0010	8.272
MW-15	06/01/06	**23.2**	**2.25**	**1.04**	**3.18**	29.67
MW-15	08/14/06	0.00132	<0.00100	<0.00100	<0.00200	0.00132
MW-15	11/28/06	**18.6**	0.0912	**0.955**	<0.150	19.6462
MW-15	03/28/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-15	06/20/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-15	09/19/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-15	12/05/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-15	03/11/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-15	06/20/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-15	08/20/08	**5.04**	**2.71**	**0.593**	**0.644**	8.99
MW-15	11/18/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-15	03/03/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-15	06/24/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				

TALON LPE

TABLE 2
SUMMARY OF BTEX GROUNDWATER ANALYTICAL DATA
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE - SRS# 2003-00017
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.052.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-15	08/12/09	**29.5**	**30.1**	**9.27**	**15.0**	83.9
MW-15	11/18/09	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-15	02/16/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-15	06/03/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-15	09/21/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-15	12/27/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-16	07/19/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-16	11/08/04	**0.0255**	<0.00100	<0.00100	<0.00200	0.0255
MW-16	03/31/05	0.0071	<0.00100	<0.00100	<0.00200	0.0071
MW-16	05/23/05	0.0036	<0.00100	<0.00100	<0.00200	0.0036
MW-16	08/17/05	0.0024	<0.00100	<0.00100	<0.00200	0.0024
MW-16	11/14/05	0.0051	<0.00100	<0.00100	<0.00200	0.0051
MW-16	03/02/06	**0.167**	0.0654	0.0476	0.046	0.326
MW-16	06/01/06	**0.0279**	0.00155	<0.001	<0.00200	0.02945
MW-16	08/14/06	**0.0106**	<0.001	<0.001	<0.00200	0.0106
MW-16	11/28/06	**0.0284**	<0.001	<0.001	<0.00200	0.0284
MW-16	03/28/07	**0.0120**	<0.001	<0.001	<0.00200	0.012
MW-16	06/20/07	0.0013	<0.0010	<0.0010	<0.00200	0.0013
MW-16	09/19/07	<0.0010	<0.001	<0.0010	<0.00200	<0.00200
MW-16	12/05/07	0.0034	<0.0020	<0.0010	<0.00200	0.0034
MW-16	03/11/08	**0.0124**	<0.00100	<0.00100	<0.00100	0.0124
MW-16	06/20/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-16	08/20/08	0.00140	<0.00100	<0.00100	<0.00100	0.0014
MW-16	11/18/08	0.00200	<0.00100	<0.00100	<0.00100	0.002
MW-16	03/03/09	0.00150	<0.00100	<0.00100	<0.00100	0.0015
MW-16	06/24/09	0.00570	<0.00100	<0.00100	<0.00100	0.0057
MW-16	08/12/09	<0.00100	0.00530	<0.00100	0.0108	0.01610
MW-16	11/18/09	0.00760	0.00230	0.00140	0.00670	0.01130
MW-16	02/16/10	0.00820	0.02260	0.03880	0.0863	0.06960
MW-16	06/03/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-16	09/21/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-16	12/27/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-17	07/19/04	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				

TALON LPE

TABLE 2
SUMMARY OF BTEX GROUNDWATER ANALYTICAL DATA
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE - SRS# 2003-00017
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.052.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-17	11/08/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	03/31/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	05/23/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	08/17/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	11/14/05	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	03/02/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	06/01/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	08/14/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	11/28/06	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	03/28/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	06/20/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	09/19/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	12/05/07	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	03/11/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	06/20/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	08/20/08	**39.4**	**22.0**	**3.00**	**4.18**	68.6
MW-17	11/18/08	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	03/03/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	06/24/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	08/11/09	**32.9**	**12.9**	**2.92**	**4.86**	53.6
MW-17	11/18/09	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	02/16/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	06/03/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	09/21/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	12/27/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-18	Well Installed 11/22/2006					
MW-18	11/28/06	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-18	03/28/07	0.00210	<0.00100	<0.00100	<0.00200	0.0021
MW-18	06/20/07	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-18	09/19/07	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-18	12/05/07	0.0039	<0.0020	<0.00100	<0.00200	0.0039
MW-18	03/11/08	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
MW-18	06/20/08	0.00290	<0.00100	<0.00100	<0.00100	0.0029
MW-18	08/21/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100

TALON LPE

TABLE 2
SUMMARY OF BTEX GROUNDWATER ANALYTICAL DATA
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE - SRS# 2003-00017
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.052.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-18	11/18/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	03/04/09	**0.0162**	0.00160	0.00320	0.00220	0.0232
MW-18	06/24/09	0.00660	<0.00100	<0.00100	<0.00100	0.0066
MW-18	08/12/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	11/18/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	02/16/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	06/03/10	0.0124	0.00390	0.00210	0.00290	0.0213
MW-18	09/21/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	12/27/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-19	**Well Installed 11/22/2006**					
MW-19	11/28/06	<0.002	<0.001	<0.001	<0.002	<0.002
MW-19	03/28/07	<0.001	<0.001	<0.001	<0.001	<0.001
MW-19	06/20/07	<0.0020	<0.0010	<0.0010	<0.0020	<0.0020
MW-19	09/19/07	<0.0020	<0.0010	<0.0010	<0.0020	<0.0020
MW-19	12/05/07	<0.0020	<0.0020	<0.0010	<0.0020	<0.0020
MW-19	03/11/08	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
MW-19	06/20/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-19	08/21/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-19	11/18/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-19	03/03/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-19	06/24/09	**0.0107**	0.00580	<0.00100	<0.00100	0.0165
MW-19	08/12/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-19	11/18/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-19	02/16/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-19	06/03/10	**0.0107**	0.00400	0.00220	0.00290	0.0198
MW-19	09/21/10	**0.0156**	0.00690	0.00490	0.00150	0.0289
MW-19	12/27/10	<0.00100	<0.00100	0.00330	0.00840	0.0117
MW-20	**Well Installed 11/22/2006**					
MW-20	11/28/06	**15.7**	0.104	**0.875**	**0.665**	17.344
MW-20	03/28/07	**20.7**	**1.39**	**1.61**	**1.272**	25.0
MW-20	06/20/07	**20.17**	<0.0500	**1.624**	0.409	22.20
MW-20	09/19/07	**31.67**	<0.1000	**1.850**	**1.850**	35.37
MW-20	12/05/07	**31.41**	<0.2000	**1.749**	**1.749**	34.91

TALON LPE

TABLE 2
SUMMARY OF BTEX GROUNDWATER ANALYTICAL DATA
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE - SRS# 2003-00017
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.052.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-20	03/11/08	**38.9**	<0.200	**2.17**	**1.24**	42.3
MW-20	06/20/08	**30.7**	<0.200	**1.61**	0.278	32.6
MW-20	08/21/08	**31.0**	<0.100	**1.74**	0.325	33.1
MW-20	11/18/08	**27.3**	<0.100	**1.72**	0.276	29.3
MW-20	03/03/09	**18.2**	<0.0500	**1.610**	**0.671**	20.5
MW-20	06/24/09	**15.5**	0.516	**1.27**	**1.09**	18.4
MW-20	08/12/09	**21.1**	**1.14**	**1.65**	**1.46**	25.4
MW-20	11/18/09	**23.9**	**2.22**	**1.48**	**1.14**	28.7
MW-20	02/16/10	**24.0**	**4.20**	**1.68**	**1.95**	31.8
MW-20	06/03/10	**18.4**	**2.26**	**1.36**	**1.16**	23.2
MW-20	09/21/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-20	12/27/10	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-21	**Well Installed 12/05/2007**					
MW-21	12/05/07	**0.0590**	0.0033	0.0040	<0.00200	0.0663
MW-21	03/11/08	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
MW-21	06/20/08	**0.0511**	<0.00100	<0.00100	<0.00100	0.0511
MW-21	08/21/08	**0.849**	<0.0200	<0.0200	0.0238	0.873
MW-21	11/18/08	**1.22**	0.0253	0.222	0.0469	1.51
MW-21	03/03/09	**1.42**	<0.0200	0.724	0.0372	2.18
MW-21	06/24/09	**0.834**	<0.0200	0.486	<0.0200	1.320
MW-21	08/12/09	**0.454**	<0.0200	0.282	0.190	0.926
MW-21	11/18/09	**0.862**	<0.0200	0.360	<0.0200	1.222
MW-21	02/16/10	**2.10**	<0.00200	0.510	<0.0200	2.61
MW-21	06/03/10	**3.47**	<0.00200	0.471	<0.0200	3.94
MW-21	09/21/10	**6.64**	<0.00200	0.892	0.058	7.59
MW-21	12/27/10	**11.70**	<0.0200	**0.998**	0.343	13.04
MW-22	**Well Installed 12/05/2007**					
MW-22	12/05/07	**0.1621**	0.0028	<0.0010	0.0040	0.1689
MW-22	03/11/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-22	06/20/08	0.00450	<0.00100	<0.00100	0.00100	0.00550
MW-22	08/21/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-22	11/18/08	**0.0148**	<0.00100	<0.00100	<0.00100	0.0148
MW-22	03/03/09	0.00160	<0.00100	<0.00100	0.00100	0.0016

TABLE 2
SUMMARY OF BTEX GROUNDWATER ANALYTICAL DATA
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE - SRS# 2003-00017
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.052.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-22	06/24/09	0.00660	<0.00100	0.00570	0.0294	0.04170
MW-22	08/12/09	<0.00100	<0.00100	<0.00100	0.0163	0.0163
MW-22	11/18/09	0.00210	<0.00100	0.00500	0.00130	0.00840
MW-22	02/16/10	0.03300	<0.00100	0.05430	<0.00100	0.08730
MW-22	06/03/10	**0.869**	<0.00100	0.228	<0.00100	1.097
MW-22	09/21/10	**2.41**	<0.0100	0.363	0.02750	2.801
MW-22	12/27/10	**3.98**	<0.0100	0.298	0.110	4.388
MW-23	**Well Installed 03/17/2008**					
MW-23	03/25/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-23	06/20/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-23	08/21/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-23	11/18/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-23	03/04/09	0.00560	<0.00100	<0.00100	<0.00100	0.0056
MW-23	06/24/09	0.00510	<0.00100	<0.00100	<0.00100	0.0051
MW-23	08/12/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-23	11/18/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-23	02/16/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-23	06/03/10	0.00360	0.00230	<0.00100	<0.00100	0.00590
MW-23	09/21/10	<0.00100	0.0018	<0.00100	<0.00100	0.0018
MW-23	12/27/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-24	**Well Installed 03/17/2008**					
MW-24	03/25/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-24	06/20/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-24	08/21/08	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
MW-24	11/18/08	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-24	03/04/09	0.00570	<0.00100	0.00250	0.00140	0.00960
MW-24	06/24/09	0.00590	<0.00100	<0.00100	<0.00100	0.0059
MW-24	08/12/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-24	11/18/09	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-24	02/16/10	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-24	06/03/10	0.00290	0.00180	<0.00100	<0.00100	0.00470
MW-24	09/20/10	**Not sampled - well not found**				
MW-24	12/27/11	**Not sampled - well not found**				

TABLE 2
SUMMARY OF BTEX GROUNDWATER ANALYTICAL DATA
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE - SRS# 2003-00017
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.052.01

All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
Klein Irrigation Well	10/31/03	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
	11/08/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
	03/31/05	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
	06/09/06	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
NMWQCC Remedial Limits		0.010	0.750	0.750	0.620	NA

[1] ***Bolded*** *values are in excess of the NMWQCC Remediation Thresholds*

BTEX analyzed by EPA Method 8021B

APPENDIX C

Laboratory Analytical Data Reports and Chains of Custody Documentation

Summary Report

Steve Killingsworth
Talon LPE-Midland
2901 State Highway 349
Midland, TX 79706

Report Date: February 24, 2010

Work Order: 10021722

Project Location: Hobbs, NM
Project Name: Hobbs Junction Mainline
Project Number: 700376.052.01

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
222759	MW-10	water	2010-02-16	12:54	2010-02-17
222760	MW-16	water	2010-02-16	12:41	2010-02-17
222761	MW-18	water	2010-02-16	12:24	2010-02-17
222762	MW-19	water	2010-02-16	12:01	2010-02-17
222763	MW-20	water	2010-02-16	11:47	2010-02-17
222764	MW-21	water	2010-02-16	11:34	2010-02-17
222765	MW-22	water	2010-02-16	11:23	2010-02-17
222766	MW-23	water	2010-02-16	11:11	2010-02-17
222767	MW-24	water	2010-02-16	11:17	2010-02-17

	BTEX			
Sample - Field Code	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
222759 - MW-10	**7.11**	**1.71**	**0.608**	**0.641**
222760 - MW-16	**0.00820**	**0.0226**	**0.0388**	**0.0863**
222761 - MW-18	<0.00100	<0.00100	<0.00100	<0.00100
222762 - MW-19	<0.00100	<0.00100	<0.00100	<0.00100
222763 - MW-20	**24.0**	**4.20**	**1.68**	**1.95**
222764 - MW-21	**2.10**	<0.0200	**0.510**	<0.0200
222765 - MW-22	**0.00330**	<0.00100	**0.0543**	<0.00100
222766 - MW-23	<0.00100	<0.00100	<0.00100	<0.00100
222767 - MW-24	<0.00100	<0.00100	<0.00100	<0.00100

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail: lab@traceanalysis.com

Certifications

WBENC: 237019 **HUB:** 1752439743100-86536 **DBE:** VN 20657
NCTRCA WFWB38444Y0909

NELAP Certifications

Lubbock: T104704219-08-TX LELAP-02003 Kansas E-10317 **El Paso:** T104704221-08-TX LELAP-02002 **Midland:** T104704392-08-TX

Analytical and Quality Control Report

Steve Killingsworth
Talon LPE-Midland
2901 State Highway 349
Midland, TX, 79706

Report Date: February 25, 2010

Work Order: 10021722

Project Location: Hobbs, NM
Project Name: Hobbs Junction Mainline
Project Number: 700376.052.01

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
222759	MW-10	water	2010-02-16	12:54	2010-02-17
222760	MW-16	water	2010-02-16	12:41	2010-02-17
222761	MW-18	water	2010-02-16	12:24	2010-02-17
222762	MW-19	water	2010-02-16	12:01	2010-02-17
222763	MW-20	water	2010-02-16	11:47	2010-02-17
222764	MW-21	water	2010-02-16	11:34	2010-02-17
222765	MW-22	water	2010-02-16	11:23	2010-02-17
222766	MW-23	water	2010-02-16	11:11	2010-02-17
222767	MW-24	water	2010-02-16	11:17	2010-02-17

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

This report consists of a total of 12 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project Hobbs Junction Mainline were received by TraceAnalysis, Inc. on 2010-02-17 and assigned to work order 10021722. Samples for work order 10021722 were received intact without headspace and at a temperature of 3.1 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	57960	2010-02-22 at 16:00	67746	2010-02-22 at 13:46
BTEX	S 8021B	57960	2010-02-22 at 16:00	67748	2010-02-23 at 06:23

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 10021722 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 222759 - MW-10

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	67746	Date Analyzed:	2010-02-22	Analyzed By:	AG
Prep Batch:	57960	Sample Preparation:	2010-02-22	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**7.11**	mg/L	100	0.00100
Toluene		**1.71**	mg/L	100	0.00100
Ethylbenzene		**0.608**	mg/L	100	0.00100
Xylene		**0.641**	mg/L	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		8.72	mg/L	100	10.0	87	65.9 - 129.8
4-Bromofluorobenzene (4-BFB)		6.78	mg/L	100	10.0	68	51.1 - 118.8

Sample: 222760 - MW-16

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	67746	Date Analyzed:	2010-02-22	Analyzed By:	AG
Prep Batch:	57960	Sample Preparation:	2010-02-22	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.00820**	mg/L	1	0.00100
Toluene		**0.0226**	mg/L	1	0.00100
Ethylbenzene		**0.0388**	mg/L	1	0.00100
Xylene		**0.0863**	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.102	mg/L	1	0.100	102	65.9 - 129.8
4-Bromofluorobenzene (4-BFB)		0.0986	mg/L	1	0.100	99	51.1 - 118.8

Sample: 222761 - MW-18

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	67746	Date Analyzed:	2010-02-22	Analyzed By:	AG
Prep Batch:	57960	Sample Preparation:	2010-02-22	Prepared By:	AG

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0971	mg/L	1	0.100	97	65.9 - 129.8
4-Bromofluorobenzene (4-BFB)		0.0707	mg/L	1	0.100	71	51.1 - 118.8

Sample: 222762 - MW-19

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	67748	Date Analyzed:	2010-02-23	Analyzed By:	AG
Prep Batch:	57960	Sample Preparation:	2010-02-22	Prepared By:	AG

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0973	mg/L	1	0.100	97	65.9 - 129.8
4-Bromofluorobenzene (4-BFB)		0.0693	mg/L	1	0.100	69	51.1 - 118.8

Sample: 222763 - MW-20

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	67748	Date Analyzed:	2010-02-23	Analyzed By:	AG
Prep Batch:	57960	Sample Preparation:	2010-02-22	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**24.0**	mg/L	100	0.00100
Toluene		**4.20**	mg/L	100	0.00100
Ethylbenzene		**1.68**	mg/L	100	0.00100
Xylene		**1.95**	mg/L	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		9.46	mg/L	100	10.0	95	65.9 - 129.8
4-Bromofluorobenzene (4-BFB)		8.06	mg/L	100	10.0	81	51.1 - 118.8

Sample: 222764 - MW-21

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	67748	Date Analyzed:	2010-02-23	Analyzed By:	AG
Prep Batch:	57960	Sample Preparation:	2010-02-22	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**2.10**	mg/L	20	0.00100
Toluene		<0.0200	mg/L	20	0.00100
Ethylbenzene		**0.510**	mg/L	20	0.00100
Xylene		<0.0200	mg/L	20	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.76	mg/L	20	2.00	88	65.9 - 129.8
4-Bromofluorobenzene (4-BFB)		1.44	mg/L	20	2.00	72	51.1 - 118.8

Sample: 222765 - MW-22

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	67748	Date Analyzed:	2010-02-23	Analyzed By:	AG
Prep Batch:	57960	Sample Preparation:	2010-02-22	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.00330**	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		**0.0543**	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0980	mg/L	1	0.100	98	65.9 - 129.8
4-Bromofluorobenzene (4-BFB)		0.0947	mg/L	1	0.100	95	51.1 - 118.8

Sample: 222766 - MW-23

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	67748	Date Analyzed:	2010-02-23	Analyzed By:	AG
Prep Batch:	57960	Sample Preparation:	2010-02-22	Prepared By:	AG

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0848	mg/L	1	0.100	85	65.9 - 129.8
4-Bromofluorobenzene (4-BFB)		0.0580	mg/L	1	0.100	58	51.1 - 118.8

Sample: 222767 - MW-24

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	67748	Date Analyzed:	2010-02-23	Analyzed By:	AG
Prep Batch:	57960	Sample Preparation:	2010-02-22	Prepared By:	AG

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0946	mg/L	1	0.100	95	65.9 - 129.8
4-Bromofluorobenzene (4-BFB)		0.0679	mg/L	1	0.100	68	51.1 - 118.8

Method Blank (1) QC Batch: 67746

QC Batch:	67746	Date Analyzed:	2010-02-22	Analyzed By:	AG
Prep Batch:	57960	QC Preparation:	2010-02-22	Prepared By:	AG

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000300	mg/L	0.001
Toluene		<0.000200	mg/L	0.001
Ethylbenzene		<0.000200	mg/L	0.001
Xylene		<0.000900	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0914	mg/L	1	0.100	91	73.6 - 126.6
4-Bromofluorobenzene (4-BFB)		0.0688	mg/L	1	0.100	69	62.6 - 117.5

Method Blank (1) QC Batch: 67748

QC Batch: 67748 | Date Analyzed: 2010-02-23 | Analyzed By: AG
Prep Batch: 57960 | QC Preparation: 2010-02-22 | Prepared By: AG

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000300	mg/L	0.001
Toluene		<0.000200	mg/L	0.001
Ethylbenzene		<0.000200	mg/L	0.001
Xylene		<0.000900	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0930	mg/L	1	0.100	93	73.6 - 126.6
4-Bromofluorobenzene (4-BFB)		0.0669	mg/L	1	0.100	67	62.6 - 117.5

Laboratory Control Spike (LCS-1)

QC Batch: 67746 | Date Analyzed: 2010-02-22 | Analyzed By: AG
Prep Batch: 57960 | QC Preparation: 2010-02-22 | Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0899	mg/L	1	0.100	<0.000300	90	79.4 - 112.4
Toluene	0.0893	mg/L	1	0.100	<0.000200	89	79.3 - 110
Ethylbenzene	0.0893	mg/L	1	0.100	<0.000200	89	73.8 - 113.1
Xylene	0.269	mg/L	1	0.300	<0.000900	90	73.9 - 113.6

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.0954	mg/L	1	0.100	<0.000300	95	79.4 - 112.4	6	20
Toluene	0.0948	mg/L	1	0.100	<0.000200	95	79.3 - 110	6	20
Ethylbenzene	0.0943	mg/L	1	0.100	<0.000200	94	73.8 - 113.1	5	20
Xylene	0.284	mg/L	1	0.300	<0.000900	95	73.9 - 113.6	5	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.107	0.0943	mg/L	1	0.100	107	94	76.2 - 129.6
4-Bromofluorobenzene (4-BFB)	0.110	0.0967	mg/L	1	0.100	110	97	77.9 - 119.8

Laboratory Control Spike (LCS-1)

QC Batch: 67748 | Date Analyzed: 2010-02-23 | Analyzed By: AG
Prep Batch: 57960 | QC Preparation: 2010-02-22 | Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0924	mg/L	1	0.100	<0.000300	92	79.4 - 112.4
Toluene	0.0913	mg/L	1	0.100	<0.000200	91	79.3 - 110
Ethylbenzene	0.0916	mg/L	1	0.100	<0.000200	92	73.8 - 113.1
Xylene	0.274	mg/L	1	0.300	<0.000900	91	73.9 - 113.6

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.0930	mg/L	1	0.100	<0.000300	93	79.4 - 112.4	1	20
Toluene	0.0921	mg/L	1	0.100	<0.000200	92	79.3 - 110	1	20
Ethylbenzene	0.0913	mg/L	1	0.100	<0.000200	91	73.8 - 113.1	0	20
Xylene	0.275	mg/L	1	0.300	<0.000900	92	73.9 - 113.6	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0850	0.0843	mg/L	1	0.100	85	84	76.2 - 129.6
4-Bromofluorobenzene (4-BFB)	0.0865	0.0860	mg/L	1	0.100	86	86	77.9 - 119.8

Matrix Spike (MS-1) Spiked Sample: 222759

QC Batch: 67746 | Date Analyzed: 2010-02-22 | Analyzed By: AG
Prep Batch: 57960 | QC Preparation: 2010-02-22 | Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	16.3	mg/L	100	10.0	7.1128	92	77.3 - 117.4
Toluene	10.8	mg/L	100	10.0	1.7094	91	75 - 111.8
Ethylbenzene	9.54	mg/L	100	10.0	0.6077	89	78.8 - 106.6
Xylene	27.4	mg/L	100	30.0	0.641	89	68.9 - 114

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	16.6	mg/L	100	10.0	7.1128	95	77.3 - 117.4	2	20
Toluene	10.9	mg/L	100	10.0	1.7094	92	75 - 111.8	1	20
Ethylbenzene	9.77	mg/L	100	10.0	0.6077	92	78.8 - 106.6	2	20
Xylene	27.7	mg/L	100	30.0	0.641	90	68.9 - 114	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	8.89	9.09	mg/L	100	10	89	91	76.3 - 129.8
4-Bromofluorobenzene (4-BFB)	9.16	9.33	mg/L	100	10	92	93	75.2 - 112.8

Matrix Spike (MS-1) Spiked Sample: 222840

QC Batch: 67748 | Date Analyzed: 2010-02-23 | Analyzed By: AG
Prep Batch: 57960 | QC Preparation: 2010-02-22 | Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	48.2	mg/L	100	10.0	39.5949	86	77.3 - 117.4
Toluene	15.2	mg/L	100	10.0	6.1551	90	75 - 111.8
Ethylbenzene	10.2	mg/L	100	10.0	1.3106	89	78.8 - 106.6
Xylene	29.4	mg/L	100	30.0	2.653	89	68.9 - 114

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	49.5	mg/L	100	10.0	39.5949	99	77.3 - 117.4	3	20
Toluene	15.6	mg/L	100	10.0	6.1551	94	75 - 111.8	3	20
Ethylbenzene	10.4	mg/L	100	10.0	1.3106	91	78.8 - 106.6	2	20
Xylene	30.0	mg/L	100	30.0	2.653	91	68.9 - 114	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	8.96	8.71	mg/L	100	10	90	87	76.3 - 129.8

continued ...

matrix spikes continued ...

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
4-Bromofluorobenzene (4-BFB)	9.25	9.04	mg/L	100	10	92	90	75.2 - 112.8

Standard (CCV-1)

QC Batch: 67746 Date Analyzed: 2010-02-22 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0951	95	80 - 120	2010-02-22
Toluene		mg/L	0.100	0.0945	94	80 - 120	2010-02-22
Ethylbenzene		mg/L	0.100	0.0936	94	80 - 120	2010-02-22
Xylene		mg/L	0.300	0.282	94	80 - 120	2010-02-22

Standard (CCV-2)

QC Batch: 67746 Date Analyzed: 2010-02-22 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0838	84	80 - 120	2010-02-22
Toluene		mg/L	0.100	0.0828	83	80 - 120	2010-02-22
Ethylbenzene		mg/L	0.100	0.0829	83	80 - 120	2010-02-22
Xylene		mg/L	0.300	0.251	84	80 - 120	2010-02-22

Standard (CCV-3)

QC Batch: 67746 Date Analyzed: 2010-02-22 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0963	96	80 - 120	2010-02-22
Toluene		mg/L	0.100	0.0956	96	80 - 120	2010-02-22
Ethylbenzene		mg/L	0.100	0.0953	95	80 - 120	2010-02-22
Xylene		mg/L	0.300	0.288	96	80 - 120	2010-02-22

Standard (CCV-1)

QC Batch: 67748 Date Analyzed: 2010-02-23 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0957	96	80 - 120	2010-02-23
Toluene		mg/L	0.100	0.0946	95	80 - 120	2010-02-23
Ethylbenzene		mg/L	0.100	0.0938	94	80 - 120	2010-02-23
Xylene		mg/L	0.300	0.283	94	80 - 120	2010-02-23

Standard (CCV-2)

QC Batch: 67748 Date Analyzed: 2010-02-23 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0870	87	80 - 120	2010-02-23
Toluene		mg/L	0.100	0.0865	86	80 - 120	2010-02-23
Ethylbenzene		mg/L	0.100	0.0874	87	80 - 120	2010-02-23
Xylene		mg/L	0.300	0.262	87	80 - 120	2010-02-23

Standard (CCV-3)

QC Batch: 67748 Date Analyzed: 2010-02-23 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0939	94	80 - 120	2010-02-23
Toluene		mg/L	0.100	0.0932	93	80 - 120	2010-02-23
Ethylbenzene		mg/L	0.100	0.0941	94	80 - 120	2010-02-23
Xylene		mg/L	0.300	0.281	94	80 - 120	2010-02-23

LAB ORDER # 100217 22 Page 1 of 1

TraceAnalysis, Inc.

email: lab@traceanalysis.com

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Company Name: Talon/LPG
Phone #: 432-522-2133
Address: (Street, City, Zip) 2901 Rankin Hwy.
Fax #:
Contact Person: Steve Killingsworth
E-mail: SKillingsworth@talonlpe.com
Invoice to: (If different from above) PLAINS 2003-00017 Jason Henry
Project #: 700376.052.01
Project Name: Hobbs Junction Mainline
Project Location (including state): Hobbs, N.M.
Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
222759	MW-10	3	VOA	X				X				X		2/16/10	1254
7760	MW-16														1241
7761	MW-18														1224
7762	MW-19														1201
7763	MW-20														1147
7764	MW-21														1134
7765	MW-22														1123
7766	MW-23														1111
7767	MW-24														1117

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B / 602 / 8260B / 624	BTEX 8021B / 602 / 8260B / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	Turn Around Time if different from standard	Hold
	X																	

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	2/17/10	0700	SR Killingsworth	2/17/10	0700
SR Killingsworth	2/17/10	1112		2/17/10	11:12
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:

LAB USE ONLY
Intact (Y) N
Headspace Y (N)
Temp 3.1 °
Log-in-Review

REMARKS: ALL tests Midland

☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

Carrier # Carry-in

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

ORIGINAL COPY

Summary Report

Steve Killingsworth
Talon LPE-Midland
2901 State Highway 349
Midland, TX 79706

Report Date: June 12, 2010

Work Order: 10060706

Project Location: Hobbs, NM
Project Name: Hobbs Junction Mainline
Project Number: 700376.052.01

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
233836	MW-10	water	2010-06-03	12:45	2010-06-04
233837	MW-18	water	2010-06-03	15:00	2010-06-04
233838	MW-19	water	2010-06-03	14:45	2010-06-04
233839	MW-20	water	2010-06-03	14:30	2010-06-04
233840	MW-21	water	2010-06-03	13:56	2010-06-04
233841	MW-22	water	2010-06-03	14:15	2010-06-04
233842	MW-23	water	2010-06-03	13:40	2010-06-04
233843	MW-24	water	2010-06-03	13:20	2010-06-04

	BTEX			
Sample - Field Code	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
233836 - MW-10	**6.34**	**1.82**	**0.534**	**0.394**
233837 - MW-18	**0.0124**	**0.00390**	**0.00210**	**0.00290**
233838 - MW-19	**0.0107**	**0.00400**	**0.00220**	**0.00290**
233839 - MW-20	**18.4**	**2.26**	**1.36**	**1.16**
233840 - MW-21	**3.47**	<0.0200	**0.471**	<0.0200
233841 - MW-22	**0.869**	<0.0100	**0.228**	<0.0100
233842 - MW-23	**0.00360**	**0.00230**	<0.00100	<0.00100
233843 - MW-24	**0.00290**	**0.00180**	<0.00100	<0.00100

TRACEANALYSIS, INC.

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6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail: lab@traceanalysis.com

Certifications

WBENC: 237019 **HUB:** 1752439743100-86536 **DBE:** VN 20657
NCTRCA WFWB38444Y0909

NELAP Certifications

Lubbock: T104704219-08-TX LELAP-02003 Kansas E-10317 **El Paso:** T104704221-08-TX LELAP-02002 **Midland:** T104704392-08-TX

Analytical and Quality Control Report

Steve Killingsworth
Talon LPE-Midland
2901 State Highway 349
Midland, TX, 79706

Report Date: June 14, 2010

Work Order: 10060706

Project Location: Hobbs, NM
Project Name: Hobbs Junction Mainline
Project Number: 700376.052.01

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
233836	MW-10	water	2010-06-03	12:45	2010-06-04
233837	MW-18	water	2010-06-03	15:00	2010-06-04
233838	MW-19	water	2010-06-03	14:45	2010-06-04
233839	MW-20	water	2010-06-03	14:30	2010-06-04
233840	MW-21	water	2010-06-03	13:56	2010-06-04
233841	MW-22	water	2010-06-03	14:15	2010-06-04
233842	MW-23	water	2010-06-03	13:40	2010-06-04
233843	MW-24	water	2010-06-03	13:20	2010-06-04

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch

basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 12 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project Hobbs Junction Mainline were received by TraceAnalysis, Inc. on 2010-06-04 and assigned to work order 10060706. Samples for work order 10060706 were received intact without headspace and at a temperature of 1.6 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	60643	2010-06-10 at 10:00	70805	2010-06-10 at 17:24
BTEX	S 8021B	60669	2010-06-11 at 08:30	70836	2010-06-11 at 09:23

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 10060706 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 233836 - MW-10

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	70805	Date Analyzed:	2010-06-10	Analyzed By:	AG
Prep Batch:	60643	Sample Preparation:	2010-06-10	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**6.34**	mg/L	100	0.00100
Toluene		**1.82**	mg/L	100	0.00100
Ethylbenzene		**0.534**	mg/L	100	0.00100
Xylene		**0.394**	mg/L	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		8.77	mg/L	100	10.0	88	67.8 - 126
4-Bromofluorobenzene (4-BFB)		6.34	mg/L	100	10.0	63	51.1 - 128

Sample: 233837 - MW-18

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	70805	Date Analyzed:	2010-06-10	Analyzed By:	AG
Prep Batch:	60643	Sample Preparation:	2010-06-10	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.0124**	mg/L	1	0.00100
Toluene		**0.00390**	mg/L	1	0.00100
Ethylbenzene		**0.00210**	mg/L	1	0.00100
Xylene		0.00290	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0888	mg/L	1	0.100	89	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.0626	mg/L	1	0.100	63	51.1 - 128

Sample: 233838 - MW-19

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	70805	Date Analyzed:	2010-06-10	Analyzed By:	AG
Prep Batch:	60643	Sample Preparation:	2010-06-10	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.0107**	mg/L	1	0.00100
Toluene		**0.00400**	mg/L	1	0.00100
Ethylbenzene		**0.00220**	mg/L	1	0.00100
Xylene		**0.00290**	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0789	mg/L	1	0.100	79	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.0542	mg/L	1	0.100	54	51.1 - 128

Sample: 233839 - MW-20

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	70805	Date Analyzed:	2010-06-10	Analyzed By:	AG
Prep Batch:	60643	Sample Preparation:	2010-06-10	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**18.4**	mg/L	100	0.00100
Toluene		**2.26**	mg/L	100	0.00100
Ethylbenzene		**1.36**	mg/L	100	0.00100
Xylene		**1.16**	mg/L	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		8.05	mg/L	100	10.0	80	67.8 - 126
4-Bromofluorobenzene (4-BFB)		6.17	mg/L	100	10.0	62	51.1 - 128

Sample: 233840 - MW-21

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	70805	Date Analyzed:	2010-06-10	Analyzed By:	AG
Prep Batch:	60643	Sample Preparation:	2010-06-10	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**3.47**	mg/L	20	0.00100
Toluene		<0.0200	mg/L	20	0.00100
Ethylbenzene		**0.471**	mg/L	20	0.00100
Xylene		<0.0200	mg/L	20	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.56	mg/L	20	2.00	78	67.8 - 126
4-Bromofluorobenzene (4-BFB)		1.19	mg/L	20	2.00	60	51.1 - 128

Sample: 233841 - MW-22

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	70836	Date Analyzed:	2010-06-11	Analyzed By:	AG
Prep Batch:	60669	Sample Preparation:	2010-06-11	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.869**	mg/L	10	0.00100
Toluene		<0.0100	mg/L	10	0.00100
Ethylbenzene		**0.228**	mg/L	10	0.00100
Xylene		<0.0100	mg/L	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.872	mg/L	10	1.00	87	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.695	mg/L	10	1.00	70	51.1 - 128

Sample: 233842 - MW-23

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	70805	Date Analyzed:	2010-06-10	Analyzed By:	AG
Prep Batch:	60643	Sample Preparation:	2010-06-10	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.00360**	mg/L	1	0.00100
Toluene		**0.00230**	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0908	mg/L	1	0.100	91	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.0625	mg/L	1	0.100	62	51.1 - 128

Sample: 233843 - MW-24

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	70805	Date Analyzed:	2010-06-10	Analyzed By:	AG
Prep Batch:	60643	Sample Preparation:	2010-06-10	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.00290**	mg/L	1	0.00100
Toluene		**0.00180**	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0899	mg/L	1	0.100	90	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.0623	mg/L	1	0.100	62	51.1 - 128

Method Blank (1) QC Batch: 70805

QC Batch:	70805	Date Analyzed:	2010-06-10	Analyzed By:	AG
Prep Batch:	60643	QC Preparation:	2010-06-10	Prepared By:	AG

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000600	mg/L	0.001
Toluene		<0.000600	mg/L	0.001
Ethylbenzene		<0.000800	mg/L	0.001
Xylene		<0.000767	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0884	mg/L	1	0.100	88	70.2 - 118
4-Bromofluorobenzene (4-BFB)		0.0618	mg/L	1	0.100	62	47.3 - 116

Method Blank (1) QC Batch: 70836

QC Batch:	70836	Date Analyzed:	2010-06-11	Analyzed By:	AG
Prep Batch:	60669	QC Preparation:	2010-06-11	Prepared By:	AG

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000600	mg/L	0.001
Toluene		<0.000600	mg/L	0.001

continued ...

method blank continued ...

Parameter	Flag	MDL Result	Units	RL
Ethylbenzene		<0.000800	mg/L	0.001
Xylene		<0.000767	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0951	mg/L	1	0.100	95	70.2 - 118
4-Bromofluorobenzene (4-BFB)		0.0668	mg/L	1	0.100	67	47.3 - 116

Laboratory Control Spike (LCS-1)

QC Batch: 70805 | Date Analyzed: 2010-06-10 | Analyzed By: AG
Prep Batch: 60643 | QC Preparation: 2010-06-10 | Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0950	mg/L	1	0.100	<0.000600	95	82.9 - 108
Toluene	0.0945	mg/L	1	0.100	<0.000600	94	82.7 - 107
Ethylbenzene	0.0919	mg/L	1	0.100	<0.000800	92	78.8 - 106
Xylene	0.276	mg/L	1	0.300	<0.000767	92	79.3 - 106

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.0950	mg/L	1	0.100	<0.000600	95	82.9 - 108	0	20
Toluene	0.0950	mg/L	1	0.100	<0.000600	95	82.7 - 107	0	20
Ethylbenzene	0.0920	mg/L	1	0.100	<0.000800	92	78.8 - 106	0	20
Xylene	0.277	mg/L	1	0.300	<0.000767	92	79.3 - 106	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0844	0.0857	mg/L	1	0.100	84	86	67.3 - 113
4-Bromofluorobenzene (4-BFB)	0.0770	0.0777	mg/L	1	0.100	77	78	68.2 - 124

Laboratory Control Spike (LCS-1)

QC Batch: 70836 | Date Analyzed: 2010-06-11 | Analyzed By: AG
Prep Batch: 60669 | QC Preparation: 2010-06-11 | Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0936	mg/L	1	0.100	<0.000600	94	82.9 - 108
Toluene	0.0940	mg/L	1	0.100	<0.000600	94	82.7 - 107
Ethylbenzene	0.0914	mg/L	1	0.100	<0.000800	91	78.8 - 106
Xylene	0.275	mg/L	1	0.300	<0.000767	92	79.3 - 106

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.0941	mg/L	1	0.100	<0.000600	94	82.9 - 108	0	20
Toluene	0.0941	mg/L	1	0.100	<0.000600	94	82.7 - 107	0	20
Ethylbenzene	0.0920	mg/L	1	0.100	<0.000800	92	78.8 - 106	1	20
Xylene	0.277	mg/L	1	0.300	<0.000767	92	79.3 - 106	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0898	0.0881	mg/L	1	0.100	90	88	67.3 - 113
4-Bromofluorobenzene (4-BFB)	0.0811	0.0808	mg/L	1	0.100	81	81	68.2 - 124

Matrix Spike (MS-1) Spiked Sample: 233886

QC Batch: 70805 | Date Analyzed: 2010-06-10 | Analyzed By: AG
Prep Batch: 60643 | QC Preparation: 2010-06-10 | Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	16.4	mg/L	100	10.0	6.3358	101	77.9 - 114
Toluene	11.6	mg/L	100	10.0	1.8201	98	78.3 - 111
Ethylbenzene	9.79	mg/L	100	10.0	0.534	92	75.3 - 110
Xylene	28.1	mg/L	100	30.0	0.3942	92	75.7 - 109

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	16.7	mg/L	100	10.0	6.3358	104	77.9 - 114	2	20
Toluene	11.8	mg/L	100	10.0	1.8201	100	78.3 - 111	2	20
Ethylbenzene	10.1	mg/L	100	10.0	0.534	96	75.3 - 110	3	20
Xylene	28.8	mg/L	100	30.0	0.3942	95	75.7 - 109	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	8.58	8.77	mg/L	100	10	86	88	68.3 - 107

continued ...

matrix spikes continued ...

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
4-Bromofluorobenzene (4-BFB)	7.77	8.07	mg/L	100	10	78		60.1 - 135

Matrix Spike (MS-1) Spiked Sample: 233899

QC Batch: 70836 | Date Analyzed: 2010-06-11 | Analyzed By: AG
Prep Batch: 60669 | QC Preparation: 2010-06-11 | Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.714	mg/L	5	0.500	0.2231	98	77.9 - 114
Toluene	0.478	mg/L	5	0.500	<0.00300	96	78.3 - 111
Ethylbenzene	0.502	mg/L	5	0.500	0.0367	93	75.3 - 110
Xylene	1.39	mg/L	5	1.50	<0.00384	93	75.7 - 109

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.707	mg/L	5	0.500	0.2231	97	77.9 - 114	1	20
Toluene	0.475	mg/L	5	0.500	<0.00300	95	78.3 - 111	1	20
Ethylbenzene	0.502	mg/L	5	0.500	0.0367	93	75.3 - 110	0	20
Xylene	1.40	mg/L	5	1.50	<0.00384	93	75.7 - 109	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.463	0.460	mg/L	5	0.5	93	92	68.3 - 107
4-Bromofluorobenzene (4-BFB)	0.457	0.450	mg/L	5	0.5	91	90	60.1 - 135

Standard (CCV-1)

QC Batch: 70805 | Date Analyzed: 2010-06-10 | Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0937	94	80 - 120	2010-06-10
Toluene		mg/L	0.100	0.0931	93	80 - 120	2010-06-10
Ethylbenzene		mg/L	0.100	0.0890	89	80 - 120	2010-06-10
Xylene		mg/L	0.300	0.268	89	80 - 120	2010-06-10

Standard (CCV-2)

QC Batch: 70805 Date Analyzed: 2010-06-10 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0953	95	80 - 120	2010-06-10
Toluene		mg/L	0.100	0.0950	95	80 - 120	2010-06-10
Ethylbenzene		mg/L	0.100	0.0920	92	80 - 120	2010-06-10
Xylene		mg/L	0.300	0.276	92	80 - 120	2010-06-10

Standard (CCV-3)

QC Batch: 70805 Date Analyzed: 2010-06-10 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0945	94	80 - 120	2010-06-10
Toluene		mg/L	0.100	0.0933	93	80 - 120	2010-06-10
Ethylbenzene		mg/L	0.100	0.0903	90	80 - 120	2010-06-10
Xylene		mg/L	0.300	0.270	90	80 - 120	2010-06-10

Standard (CCV-2)

QC Batch: 70836 Date Analyzed: 2010-06-11 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0962	96	80 - 120	2010-06-11
Toluene		mg/L	0.100	0.0958	96	80 - 120	2010-06-11
Ethylbenzene		mg/L	0.100	0.0932	93	80 - 120	2010-06-11
Xylene		mg/L	0.300	0.281	94	80 - 120	2010-06-11

Standard (CCV-3)

QC Batch: 70836 Date Analyzed: 2010-06-11 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0926	93	80 - 120	2010-06-11
Toluene		mg/L	0.100	0.0917	92	80 - 120	2010-06-11
Ethylbenzene		mg/L	0.100	0.0891	89	80 - 120	2010-06-11

continued ...

standard continued ...

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Xylene		mg/L	0.300	0.268	89	80 - 120	2010-06-11

LAB Order ID # 100607016

Page 1 of 1

TraceAnalysis, Inc.

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2501 Mayes Rd., Ste 100
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Company Name: Talon/LPE
Phone #: 432-522-2133
Address: (Street, City, Zip) 2901 Rankin Hwy.
Fax #:
Contact Person: Steve Killingsworth
E-mail: SKillingsworth@talonlpe.com
Invoice to: (If different from above) PLAINS SRS# 2003-00017 Jason Henry
Project #: 700376.052.01
Project Name: Hobbs Junction from Mainline
Project Location (including state): Hobbs, N.M
Sampler Signature:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021 / 602 / 8260 / 624	BTEX 8021 / 602 / 8260 / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270 / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260 / 624	GC/MS Semi. Vol. 8270 / 625	PCB's 8082 / 608	Pesticides 8081 / 608	BOD, TSS, pH	Moisture Content	Cl, Fl, S04, NO3, NO2, Alkalinity	Na, Ca, Mg, K, TDS, EC					Turn Around Time if different from standard	Hold
233836	MW-10	3	VOA	X				X				X		6/3/10	1245		X																							
837	MW-18	3													1500																									
838	MW-19	3													1445																									
839	MW-20	3													1430																									
840	MW-21	3													1356																									
841	MW-22	3													1415																									
842	MW-23	3													1340																									
843	MW-24	3													1320																									

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
	Talon/LPE			SR Killingsworth	TALON	6/4/10	0700	INST ____ OBS ____ °C COR ____ °C
SR Killingsworth	TALON	6/4/10	1140		TRACE	6/4/10	1140	INST ____ OBS 1.6 °C COR 1.6 °C
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST ____ OBS ____ °C COR ____ °C

LAB USE ONLY

Intact Y / N
Headspace Y / N / NA
Log-In-Review

REMARKS:

all tests - Midland

- Dry Weight Basis Required
- TRRP Report Required
- Check If Special Reporting Limits Are Needed

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

ORIGINAL COPY

Carrier # ____

Summary Report

Steve Killingsworth
Talon LPE-Midland
2901 State Highway 349
Midland, TX 79706

Report Date: September 28, 2010

Work Order: 10092212

Project Location: Hobbs, NM
Project Name: Hobbs Junction Mainline
Project Number: 700376.052.01

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
245371	MW 7	water	2010-09-21	10:45	2010-09-22
245372	MW 8	water	2010-09-21	10:55	2010-09-22
245373	MW 9	water	2010-09-21	10:30	2010-09-22
245374	MW 13	water	2010-09-21	12:45	2010-09-22
245375	MW 18	water	2010-09-21	12:30	2010-09-22
245376	MW 19	water	2010-09-21	12:05	2010-09-22
245377	MW 21	water	2010-09-21	11:35	2010-09-22
245378	MW 22	water	2010-09-21	11:50	2010-09-22
245379	MW 23	water	2010-09-21	11:25	2010-09-22

	BTEX			
Sample - Field Code	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
245371 - MW 7	<0.00100	<0.00100	<0.00100	<0.00100
245372 - MW 8	**0.00660**	<0.00100	<0.00100	<0.00100
245373 - MW 9	<0.00100	<0.00100	<0.00100	<0.00100
245374 - MW 13	<0.00100	<0.00100	<0.00100	<0.00100
245375 - MW 18	<0.00100	<0.00100	<0.00100	<0.00100
245376 - MW 19	**0.0156**	**0.00690**	**0.00490**	**0.00150**
245377 - MW 21	**6.64**	<0.0200	**0.892**	**0.0583**
245378 - MW 22	**2.41**	<0.0100	**0.363**	**0.0275**
245379 - MW 23	<0.00100	**0.00180**	<0.00100	<0.00100

TRACEANALYSIS, INC.

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6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail: lab@traceanalysis.com

Certifications

WBENC: 237019 **HUB:** 1752439743100-86536 **DBE:** VN 20657
NCTRCA WFWB38444Y0909

NELAP Certifications

Lubbock: T104704219-08-TX LELAP-02003 Kansas E-10317 **El Paso:** T104704221-08-TX LELAP-02002 **Midland:** T104704392-08-TX

Analytical and Quality Control Report

Steve Killingsworth
Talon LPE-Midland
2901 State Highway 349
Midland, TX, 79706

Report Date: September 28, 2010

Work Order: 10092212

Project Location: Hobbs, NM
Project Name: Hobbs Junction Mainline
Project Number: 700376.052.01

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
245371	MW 7	water	2010-09-21	10:45	2010-09-22
245372	MW 8	water	2010-09-21	10:55	2010-09-22
245373	MW 9	water	2010-09-21	10:30	2010-09-22
245374	MW 13	water	2010-09-21	12:45	2010-09-22
245375	MW 18	water	2010-09-21	12:30	2010-09-22
245376	MW 19	water	2010-09-21	12:05	2010-09-22
245377	MW 21	water	2010-09-21	11:35	2010-09-22
245378	MW 22	water	2010-09-21	11:50	2010-09-22
245379	MW 23	water	2010-09-21	11:25	2010-09-22

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

This report consists of a total of 10 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project Hobbs Junction Mainline were received by TraceAnalysis, Inc. on 2010-09-22 and assigned to work order 10092212. Samples for work order 10092212 were received intact without headspace and at a temperature of 1.7 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	63332	2010-09-24 at 12:15	73877	2010-09-24 at 23:02

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 10092212 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 245371 - MW 7

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	73877	Date Analyzed:	2010-09-24	Analyzed By:	AG
Prep Batch:	63332	Sample Preparation:	2010-09-24	Prepared By:	AG

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0894	mg/L	1	0.100	89	66.2 - 107
4-Bromofluorobenzene (4-BFB)		0.0862	mg/L	1	0.100	86	39 - 138

Sample: 245372 - MW 8

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	73877	Date Analyzed:	2010-09-24	Analyzed By:	AG
Prep Batch:	63332	Sample Preparation:	2010-09-24	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.00660**	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0921	mg/L	1	0.100	92	66.2 - 107
4-Bromofluorobenzene (4-BFB)		0.0862	mg/L	1	0.100	86	39 - 138

Sample: 245373 - MW 9

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	73877	Date Analyzed:	2010-09-24	Analyzed By:	AG
Prep Batch:	63332	Sample Preparation:	2010-09-24	Prepared By:	AG

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0884	mg/L	1	0.100	88	66.2 - 107
4-Bromofluorobenzene (4-BFB)		0.0856	mg/L	1	0.100	86	39 - 138

Sample: 245374 - MW 13

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	73877	Date Analyzed:	2010-09-24	Analyzed By:	AG
Prep Batch:	63332	Sample Preparation:	2010-09-24	Prepared By:	AG

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0885	mg/L	1	0.100	88	66.2 - 107
4-Bromofluorobenzene (4-BFB)		0.0856	mg/L	1	0.100	86	39 - 138

Sample: 245375 - MW 18

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	73877	Date Analyzed:	2010-09-24	Analyzed By:	AG
Prep Batch:	63332	Sample Preparation:	2010-09-24	Prepared By:	AG

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0902	mg/L	1	0.100	90	66.2 - 107
4-Bromofluorobenzene (4-BFB)		0.0880	mg/L	1	0.100	88	39 - 138

Sample: 245376 - MW 19

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	73877	Date Analyzed:	2010-09-24	Analyzed By:	AG
Prep Batch:	63332	Sample Preparation:	2010-09-24	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.0156**	mg/L	1	0.00100
Toluene		**0.00690**	mg/L	1	0.00100
Ethylbenzene		**0.00490**	mg/L	1	0.00100
Xylene		**0.00150**	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0873	mg/L	1	0.100	87	66.2 - 107
4-Bromofluorobenzene (4-BFB)		0.0871	mg/L	1	0.100	87	39 - 138

Sample: 245377 - MW 21

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	73877	Date Analyzed:	2010-09-24	Analyzed By:	AG
Prep Batch:	63332	Sample Preparation:	2010-09-24	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**6.64**	mg/L	20	0.00100
Toluene		<0.0200	mg/L	20	0.00100
Ethylbenzene		**0.892**	mg/L	20	0.00100
Xylene		**0.0583**	mg/L	20	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.84	mg/L	20	2.00	92	66.2 - 107
4-Bromofluorobenzene (4-BFB)		1.79	mg/L	20	2.00	90	39 - 138

Sample: 245378 - MW 22

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	73877	Date Analyzed:	2010-09-24	Analyzed By:	AG
Prep Batch:	63332	Sample Preparation:	2010-09-24	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**2.41**	mg/L	10	0.00100
Toluene		<0.0100	mg/L	10	0.00100
Ethylbenzene		**0.363**	mg/L	10	0.00100
Xylene		**0.0275**	mg/L	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.853	mg/L	10	1.00	85	66.2 - 107
4-Bromofluorobenzene (4-BFB)		0.857	mg/L	10	1.00	86	39 - 138

Sample: 245379 - MW 23

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	73877	Date Analyzed:	2010-09-24	Analyzed By:	AG
Prep Batch:	63332	Sample Preparation:	2010-09-24	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		**0.00180**	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0880	mg/L	1	0.100	88	66.2 - 107
4-Bromofluorobenzene (4-BFB)		0.0869	mg/L	1	0.100	87	39 - 138

Method Blank (1) QC Batch: 73877

QC Batch:	73877	Date Analyzed:	2010-09-24	Analyzed By:	AG
Prep Batch:	63332	QC Preparation:	2010-09-24	Prepared By:	AG

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000400	mg/L	0.001
Toluene		<0.000800	mg/L	0.001
Ethylbenzene		<0.000400	mg/L	0.001
Xylene		<0.000400	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0940	mg/L	1	0.100	94	61.8 - 106
4-Bromofluorobenzene (4-BFB)		0.0899	mg/L	1	0.100	90	48.5 - 129

Laboratory Control Spike (LCS-1)

QC Batch: 73877 | Date Analyzed: 2010-09-24 | Analyzed By: AG
Prep Batch: 63332 | QC Preparation: 2010-09-24 | Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0946	mg/L	1	0.100	<0.000400	95	80.7 - 117
Toluene	0.0917	mg/L	1	0.100	<0.000800	92	80.5 - 117
Ethylbenzene	0.0938	mg/L	1	0.100	<0.000400	94	79.2 - 117
Xylene	0.279	mg/L	1	0.300	<0.000400	93	74.1 - 120

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.0917	mg/L	1	0.100	<0.000400	92	80.7 - 117	3	20
Toluene	0.0952	mg/L	1	0.100	<0.000800	95	80.5 - 117	4	20
Ethylbenzene	0.0971	mg/L	1	0.100	<0.000400	97	79.2 - 117	3	20
Xylene	0.284	mg/L	1	0.300	<0.000400	95	74.1 - 120	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0964	0.0916	mg/L	1	0.100	96	92	72.5 - 126
4-Bromofluorobenzene (4-BFB)	0.0915	0.0894	mg/L	1	0.100	92	89	48.3 - 135

Matrix Spike (MS-1) Spiked Sample: 245378

QC Batch: 73877 | Date Analyzed: 2010-09-24 | Analyzed By: AG
Prep Batch: 63332 | QC Preparation: 2010-09-24 | Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	3.39	mg/L	10	1.00	2.4107	98	60.9 - 132
Toluene	0.899	mg/L	10	1.00	<0.00800	90	65.7 - 129
Ethylbenzene	1.29	mg/L	10	1.00	0.3634	93	51.5 - 134
Xylene	2.72	mg/L	10	3.00	0.0275	90	62.6 - 124

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	3.32	mg/L	10	1.00	2.4107	91	60.9 - 132	2	20
Toluene	0.909	mg/L	10	1.00	<0.00800	91	65.7 - 129	1	20
Ethylbenzene	1.30	mg/L	10	1.00	0.3634	94	51.5 - 134	1	20
Xylene	2.79	mg/L	10	3.00	0.0275	92	62.6 - 124	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.841	0.861	mg/L	10	1	84	86	75.1 - 117
4-Bromofluorobenzene (4-BFB)	0.863	0.888	mg/L	10	1	86	89	31.3 - 143

Standard (CCV-1)

QC Batch: 73877 Date Analyzed: 2010-09-24 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0891	89	80 - 120	2010-09-24
Toluene		mg/L	0.100	0.0902	90	80 - 120	2010-09-24
Ethylbenzene		mg/L	0.100	0.0922	92	80 - 120	2010-09-24
Xylene		mg/L	0.300	0.276	92	80 - 120	2010-09-24

Standard (CCV-2)

QC Batch: 73877 Date Analyzed: 2010-09-24 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0903	90	80 - 120	2010-09-24
Toluene		mg/L	0.100	0.0916	92	80 - 120	2010-09-24
Ethylbenzene		mg/L	0.100	0.0937	94	80 - 120	2010-09-24
Xylene		mg/L	0.300	0.280	93	80 - 120	2010-09-24

Standard (CCV-3)

QC Batch: 73877 | Date Analyzed: 2010-09-24 | Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0890	89	80 - 120	2010-09-24
Toluene		mg/L	0.100	0.0900	90	80 - 120	2010-09-24
Ethylbenzene		mg/L	0.100	0.0919	92	80 - 120	2010-09-24
Xylene		mg/L	0.300	0.273	91	80 - 120	2010-09-24

LAB Order ID # 10092212

Page 1 of 1

TraceAnalysis, Inc.

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BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750

Company Name: Talon LPE — Phone #: 432-522-2133

Address: (Street, City, Zip) 2901 S. Hwy 349, Midland — Fax #: 432-522-2180

Contact Person: Killingsworth — E-mail: skillingsworth@talonlpe.com

Invoice to: (If different from above) Plains Marketing SRS [illegible]

Project #: 100376.052.01 — Project Name: Hobbs JCF Mainline

Project Location (including state): Hobbs NM — Sampler Signature: [signature]

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021 / 602 / 8260 / 624	BTEX (8021) / 602 / 8260 / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270 / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260 / 624	GC/MS Semi. Vol. 8270 / 625	PCB's 8082 / 608	Pesticides 8081 / 608	BOD, TSS, pH	Moisture Content	Cl, Fl, S04, NO3, NO2, Alkalinity	Na, Ca, Mg, K, TDS, EC					Turn Around Time if different from standard	Hold
245371	MW 7	3		X				X				X		9-21-10	1045		X																						
372	MW 8	↓		↓				↓				↓		↓	1055		↓																							
373	MW 9														1030																									
374	MW 13														1245																									
375	MW 18														1230																									
376	MW 19														1205																									
377	MW 21														1135																									
378	MW 22														1150																									
379	MW 23	↓		↓				↓				↓		↓	1125		↓																							

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
JR/Killingsworth	Talon LPE	9/22/10	10:15	[signature]	Trace	9/22/10	10:15	INST ☐ OBS 1.7 °C COR °C
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST ☐ OBS °C COR °C
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST ☐ OBS °C COR °C

LAB USE ONLY

Intact (Y) N

Headspace Y (N) NA

Log-in-Review

REMARKS:

all tests - Midland

☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

ORIGINAL COPY

Carrier # Carrying

Summary Report

Steve Killingsworth
Talon LPE-Midland
2901 State Highway 349
Midland, TX 79706

Report Date: December 31, 2010

Work Order: 10122803

Project Location: Hobbs, NM
Project Name: Hobbs Junction Mainline
Project Number: 700376.052.01

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
254303	MW 7	water	2010-12-27	12:30	2010-12-28
254304	MW 9	water	2010-12-27	12:50	2010-12-28
254305	MW 13	water	2010-12-27	12:15	2010-12-28
254306	MW 18	water	2010-12-27	13:50	2010-12-28
254307	MW 19	water	2010-12-27	14:05	2010-12-28
254308	MW 21	water	2010-12-27	14:40	2010-12-28
254309	MW 22	water	2010-12-27	14:25	2010-12-28
254310	MW 23	water	2010-12-27	13:25	2010-12-28

	BTEX			
Sample - Field Code	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
254303 - MW 7	<0.00100	<0.00100	<0.00100	<0.00100
254304 - MW 9	<0.00100	<0.00100	<0.00100	<0.00100
254305 - MW 13	<0.00100	<0.00100	<0.00100	<0.00100
254306 - MW 18	<0.00100	<0.00100	<0.00100	<0.00100
254307 - MW 19	<0.00100	<0.00100	**0.00330**	**0.00840**
254308 - MW 21	**11.7**	<0.0200	**0.998**	**0.343**
254309 - MW 22	**3.98**	<0.0100	**0.298**	**0.110**
254310 - MW 23	<0.00100	<0.00100	<0.00100	<0.00100

TRACEANALYSIS, INC.

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6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail: lab@traceanalysis.com

Certifications

WBENC: 237019 **HUB:** 1752439743100-86536 **DBE:** VN 20657
NCTRCA WFWB38444Y0909

NELAP Certifications

Lubbock: T104704219-08-TX LELAP-02003 Kansas E-10317 **El Paso:** T104704221-08-TX LELAP-02002 **Midland:** T104704392-08-TX

Analytical and Quality Control Report

Steve Killingsworth
Talon LPE-Midland
2901 State Highway 349
Midland, TX, 79706

Report Date: December 31, 2010

Work Order: 10122803

Project Location: Hobbs, NM
Project Name: Hobbs Junction Mainline
Project Number: 700376.052.01

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
254303	MW 7	water	2010-12-27	12:30	2010-12-28
254304	MW 9	water	2010-12-27	12:50	2010-12-28
254305	MW 13	water	2010-12-27	12:15	2010-12-28
254306	MW 18	water	2010-12-27	13:50	2010-12-28
254307	MW 19	water	2010-12-27	14:05	2010-12-28
254308	MW 21	water	2010-12-27	14:40	2010-12-28
254309	MW 22	water	2010-12-27	14:25	2010-12-28
254310	MW 23	water	2010-12-27	13:25	2010-12-28

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch

basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 11 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project Hobbs Junction Mainline were received by TraceAnalysis, Inc. on 2010-12-28 and assigned to work order 10122803. Samples for work order 10122803 were received intact without headspace and at a temperature of 4.0 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	65631	2010-12-28 at 11:49	76536	2010-12-28 at 11:49
BTEX	S 8021B	65673	2010-12-30 at 09:28	76609	2010-12-30 at 14:50

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 10122803 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 254303 - MW 7

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	76536	Date Analyzed:	2010-12-28	Analyzed By:	ME
Prep Batch:	65631	Sample Preparation:	2010-12-28	Prepared By:	ME

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0906	mg/L	1	0.100	91	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.0985	mg/L	1	0.100	98	51.1 - 128

Sample: 254304 - MW 9

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	76536	Date Analyzed:	2010-12-28	Analyzed By:	ME
Prep Batch:	65631	Sample Preparation:	2010-12-28	Prepared By:	ME

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0909	mg/L	1	0.100	91	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.0980	mg/L	1	0.100	98	51.1 - 128

Sample: 254305 - MW 13

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	76536	Date Analyzed:	2010-12-28	Analyzed By:	ME
Prep Batch:	65631	Sample Preparation:	2010-12-28	Prepared By:	ME

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0883	mg/L	1	0.100	88	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.0963	mg/L	1	0.100	96	51.1 - 128

Sample: 254306 - MW 18

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	76536	Date Analyzed:	2010-12-28	Analyzed By:	ME
Prep Batch:	65631	Sample Preparation:	2010-12-28	Prepared By:	ME

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0903	mg/L	1	0.100	90	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.0973	mg/L	1	0.100	97	51.1 - 128

Sample: 254307 - MW 19

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	76609	Date Analyzed:	2010-12-30	Analyzed By:	ME
Prep Batch:	65673	Sample Preparation:	2010-12-30	Prepared By:	ME

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		**0.00330**	mg/L	1	0.00100
Xylene		**0.00840**	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0940	mg/L	1	0.100	94	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.101	mg/L	1	0.100	101	51.1 - 128

Sample: 254308 - MW 21

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	76609	Date Analyzed:	2010-12-30	Analyzed By:	ME
Prep Batch:	65673	Sample Preparation:	2010-12-30	Prepared By:	ME

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**11.7**	mg/L	20	0.00100
Toluene		<0.0200	mg/L	20	0.00100
Ethylbenzene		**0.998**	mg/L	20	0.00100
Xylene		**0.343**	mg/L	20	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.56	mg/L	20	2.00	78	67.8 - 126
4-Bromofluorobenzene (4-BFB)		1.90	mg/L	20	2.00	95	51.1 - 128

Sample: 254309 - MW 22

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	76609	Date Analyzed:	2010-12-30	Analyzed By:	ME
Prep Batch:	65673	Sample Preparation:	2010-12-30	Prepared By:	ME

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**3.98**	mg/L	10	0.00100
Toluene		<0.0100	mg/L	10	0.00100
Ethylbenzene		**0.298**	mg/L	10	0.00100
Xylene		**0.110**	mg/L	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.781	mg/L	10	1.00	78	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.953	mg/L	10	1.00	95	51.1 - 128

Sample: 254310 - MW 23

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	76609	Date Analyzed:	2010-12-30	Analyzed By:	ME
Prep Batch:	65673	Sample Preparation:	2010-12-30	Prepared By:	ME

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0879	mg/L	1	0.100	88	67.8 - 126
4-Bromofluorobenzene (4-BFB)		0.100	mg/L	1	0.100	100	51.1 - 128

Method Blank (1) QC Batch: 76536

QC Batch:	76536	Date Analyzed:	2010-12-28	Analyzed By:	ME
Prep Batch:	65631	QC Preparation:	2010-12-28	Prepared By:	ME

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000600	mg/L	0.001
Toluene		<0.000600	mg/L	0.001
Ethylbenzene		<0.000800	mg/L	0.001
Xylene		<0.000767	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0876	mg/L	1	0.100	88	70.2 - 118
4-Bromofluorobenzene (4-BFB)		0.0936	mg/L	1	0.100	94	47.3 - 116

Method Blank (1) QC Batch: 76609

QC Batch:	76609	Date Analyzed:	2010-12-30	Analyzed By:	ME
Prep Batch:	65673	QC Preparation:	2010-12-30	Prepared By:	ME

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000600	mg/L	0.001
Toluene		<0.000600	mg/L	0.001

continued ...

method blank continued ...

Parameter	Flag	MDL Result	Units	RL
Ethylbenzene		<0.000800	mg/L	0.001
Xylene		<0.000767	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0831	mg/L	1	0.100	83	70.2 - 118
4-Bromofluorobenzene (4-BFB)		0.0963	mg/L	1	0.100	96	47.3 - 116

Laboratory Control Spike (LCS-1)

QC Batch: 76536 | Date Analyzed: 2010-12-28 | Analyzed By: ME
Prep Batch: 65631 | QC Preparation: 2010-12-28 | Prepared By: ME

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0946	mg/L	1	0.100	<0.000600	95	82.9 - 118
Toluene	0.0957	mg/L	1	0.100	<0.000600	96	82.7 - 117
Ethylbenzene	0.0939	mg/L	1	0.100	<0.000800	94	78.8 - 116
Xylene	0.284	mg/L	1	0.300	<0.000767	95	79.3 - 116

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.0971	mg/L	1	0.100	<0.000600	97	82.9 - 118	3	20
Toluene	0.0980	mg/L	1	0.100	<0.000600	98	82.7 - 117	2	20
Ethylbenzene	0.0971	mg/L	1	0.100	<0.000800	97	78.8 - 116	3	20
Xylene	0.294	mg/L	1	0.300	<0.000767	98	79.3 - 116	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0814	0.0887	mg/L	1	0.100	81	89	67.3 - 113
4-Bromofluorobenzene (4-BFB)	0.0905	0.0984	mg/L	1	0.100	90	98	68.2 - 134

Laboratory Control Spike (LCS-1)

QC Batch: 76609 | Date Analyzed: 2010-12-30 | Analyzed By: ME
Prep Batch: 65673 | QC Preparation: 2010-12-30 | Prepared By: ME

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0949	mg/L	1	0.100	<0.000600	95	82.9 - 118
Toluene	0.0932	mg/L	1	0.100	<0.000600	93	82.7 - 117
Ethylbenzene	0.0907	mg/L	1	0.100	<0.000800	91	78.8 - 116
Xylene	0.276	mg/L	1	0.300	<0.000767	92	79.3 - 116

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.0961	mg/L	1	0.100	<0.000600	96	82.9 - 118	1	20
Toluene	0.0941	mg/L	1	0.100	<0.000600	94	82.7 - 117	1	20
Ethylbenzene	0.0916	mg/L	1	0.100	<0.000800	92	78.8 - 116	1	20
Xylene	0.278	mg/L	1	0.300	<0.000767	93	79.3 - 116	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0770	0.0782	mg/L	1	0.100	77	78	67.3 - 113
4-Bromofluorobenzene (4-BFB)	0.0919	0.0921	mg/L	1	0.100	92	92	68.2 - 134

Matrix Spike (MS-1) Spiked Sample: 254261

QC Batch: 76536 | Date Analyzed: 2010-12-28 | Analyzed By: ME
Prep Batch: 65631 | QC Preparation: 2010-12-28 | Prepared By: ME

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	15.1	mg/L	100	10.0	6.1451	90	77.9 - 114
Toluene	9.19	mg/L	100	10.0	<0.0600	92	78.3 - 111
Ethylbenzene	9.30	mg/L	100	10.0	<0.0800	93	75.3 - 110
Xylene	28.2	mg/L	100	30.0	0.8576	91	75.7 - 109

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	15.7	mg/L	100	10.0	6.1451	96	77.9 - 114	4	20
Toluene	9.45	mg/L	100	10.0	<0.0600	94	78.3 - 111	3	20
Ethylbenzene	9.56	mg/L	100	10.0	<0.0800	96	75.3 - 110	3	20
Xylene	29.0	mg/L	100	30.0	0.8576	94	75.7 - 109	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	8.44	8.43	mg/L	100	10	84	84	68.3 - 107

continued ...

matrix spikes continued ...

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
4-Bromofluorobenzene (4-BFB)	9.52	9.53	mg/L	100	10	95	95	60.1 - 135

Matrix Spike (MS-1) Spiked Sample: 254308

QC Batch: 76609 | Date Analyzed: 2010-12-30 | Analyzed By: ME
Prep Batch: 65673 | QC Preparation: 2010-12-30 | Prepared By: ME

Param		MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	[1]	14.0	mg/L	20	2.00	11.7057	115	77.9 - 114
Toluene		1.71	mg/L	20	2.00	<0.0120	86	78.3 - 111
Ethylbenzene		2.70	mg/L	20	2.00	0.9984	85	75.3 - 110
Xylene		5.28	mg/L	20	6.00	0.343	82	75.7 - 109

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param		MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	[2]	14.2	mg/L	20	2.00	11.7057	125	77.9 - 114	1	20
Toluene		1.76	mg/L	20	2.00	<0.0120	88	78.3 - 111	3	20
Ethylbenzene		2.76	mg/L	20	2.00	0.9984	88	75.3 - 110	2	20
Xylene		5.43	mg/L	20	6.00	0.343	85	75.7 - 109	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.61	1.50	mg/L	20	2	80	75	68.3 - 107
4-Bromofluorobenzene (4-BFB)	1.96	1.87	mg/L	20	2	98	94	60.1 - 135

Standard (CCV-2)

QC Batch: 76536 | Date Analyzed: 2010-12-28 | Analyzed By: ME

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0952	95	80 - 120	2010-12-28
Toluene		mg/L	0.100	0.0958	96	80 - 120	2010-12-28
Ethylbenzene		mg/L	0.100	0.0943	94	80 - 120	2010-12-28
Xylene		mg/L	0.300	0.286	95	80 - 120	2010-12-28

[1]Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.
[2]Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.

Standard (CCV-3)

QC Batch: 76536 Date Analyzed: 2010-12-28 Analyzed By: ME

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0908	91	80 - 120	2010-12-28
Toluene		mg/L	0.100	0.0930	93	80 - 120	2010-12-28
Ethylbenzene		mg/L	0.100	0.0912	91	80 - 120	2010-12-28
Xylene		mg/L	0.300	0.277	92	80 - 120	2010-12-28

Standard (CCV-1)

QC Batch: 76609 Date Analyzed: 2010-12-30 Analyzed By: ME

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0973	97	80 - 120	2010-12-30
Toluene		mg/L	0.100	0.0962	96	80 - 120	2010-12-30
Ethylbenzene		mg/L	0.100	0.0936	94	80 - 120	2010-12-30
Xylene		mg/L	0.300	0.285	95	80 - 120	2010-12-30

Standard (CCV-2)

QC Batch: 76609 Date Analyzed: 2010-12-30 Analyzed By: ME

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0904	90	80 - 120	2010-12-30
Toluene		mg/L	0.100	0.0884	88	80 - 120	2010-12-30
Ethylbenzene		mg/L	0.100	0.0859	86	80 - 120	2010-12-30
Xylene		mg/L	0.300	0.261	87	80 - 120	2010-12-30

LAB Order # 10122803

Page 1 of 1

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

5002 Basin Street, Suite A1
Midland, Texas 79703
Tel (432) 689-6301
Fax (432) 689-6313

200 East Sunset Rd., Suite E
El Paso, Texas 79922
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750

Company Name: Talon LPE	Phone #:
Address: (Street, City, Zip)	Fax #:
Contact Person: Steve Killingsworth	E-mail:
Invoice to: (If different from above) 2003-00017 Plains	
Project #: 700376.052.01	Project Name: Hobbs Junction Manifold
Project Location (including state): Hobbs NM	Sampler Signature: Brad Dry

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021 / 602 / 8260 / 624	BTEX 8021 / 602 / 8260 / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270 / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260 / 624	GC/MS Semi. Vol. 8270 / 625	PCB's 8082 / 608	Pesticides 8081 / 608	BOD, TSS, pH	Moisture Content	Cl, Fl, S04, NO3, NO2, Alkalinity	Na, Ca, Mg, K, TDS, EC	Turn Around Time if different from standard	Hold
254303	MW 7	3		X				X				X		12-27	1230		X																			
~~304~~	~~MW 8~~																																			
304	MW 9														1250																					
305	MW 13														1215																					
306	MW 18														1350																					
307	MW 19														1405																					
308	MW 21														1440																					
309	MW 22														1425																					
310	MW 23														1325																					

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
Brad Dry	Talon LPE	12-29-10	0500	[illegible]	Trace Analysis	12.23.10	0930	INST ___ OBS ___ °C COR ___ °C
								INST ___ OBS ___ °C COR ___ °C
								INST ___ OBS ___ °C COR ___ °C

LAB USE ONLY
Intact Y / N
Headspace Y / N / NA
4°C
Log-In-Review

REMARKS:
X All tests Midland

- ☐ Dry Weight Basis Required
- ☐ TRRP Report Required
- ☐ Check If Special Reporting Limits Are Needed

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

Carrier # Courier

ORIGINAL COPY

APPENDIX D

Regulatory Documentation

NMOCD Initial C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised March 17, 1999

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☑ Initial Report ☐ Final Report

Name of Company	Contact
EOTT Energy Pipeline, LP	**Frank Hernandez**
Address	Telephone No.
5805 East Hwy 80	**915-638-3799**
Facility Name	Facility Type
Hobbs Junction Mainline	**10" Crude Oil Pipeline**

Surface Owner	Mineral Owner	Lease No.
State of NM	**NA**	**NA**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from South Line	Feet from West Line	Longitude	Latitude	County:
M	**26**	**18S**	**37E**	**15**	**700**	**W103:13:42.01**	**N32:42:40.85**	**Lea**

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Crude Oil	**50 bbl**	**24 bbl**
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
Steel Pipeline	**1/23/03-8:00 AM**	**1/23/03-10:45 AM**
Was Immediate Notice Given? ☑ Yes ☐ No ☐ Not Required	If YES, To Whom? **Sylvia Dickie - Hobbs NMOCD**	
By Whom? **Pat McCasland - EPI**	Date and Hour **1/23/03-11:35 AM**	
Was a Watercourse Reached? ☐ Yes ☑ No	If YES, Volume Impacting the Watercourse. **NA**	

If a Watercourse was Impacted, Describe Fully.*
NA

Describe Cause of Problem and Remedial Action Taken.*
Corroded pipeline (internal), repaired with clamp

Describe Area Affected and Cleanup Action Taken.*
~12500-ft^2 surface area affected; 50-bbl released; 24-bbl of crude recovered. Removal and disposal of contaminated soil above remedial goals was commenced by EPI.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Frank Hernandez	**OIL CONSERVATION DIVISION**	
Printed Name: **Frank Hernandez**	Approved by District Supervisor:	
Title: **District Environmental Supervisor**	Approval Date:	Expiration Date:
Date: **1/24/03** Phone: **915-638-3799**	Conditions of Approval:	☐ Attached

Attach Additional Sheets If Necessary

EOTT Energy Pipeline, LP	**Incident Date and NMOCD Notified?**
Site Information and Metrics	**1/23/03-10:45 AM** **1/23/03-11:35 AM**

SITE:	Hobbs Junction Mainline	Assigned Site Reference #:	2003-00017
Company:	EOTT Energy Pipeline, LP		
Street Address:	5805 East Hwy 80		
Mailing Address:	PO Box 1660		
City, State, Zip:	Midland, TX 79701		
Representative:	Frank Hernandez		
Representative Telephone:	915-638-3799		
Telephone:			
Fluid volume released (bbls):	50	Recovered (bbls):	24

>25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days.

5-25 bbls: Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas)

Leak, Spill, or Pit (LSP) Name:	2003-00017
Source of contamination:	Steel Pipeline
Land Owner, i.e., BLM, ST, Fee, Other:	State of NM
LSP Dimensions:	500-ft X 50-ft (W-E)
LSP Area:	12500 -ft^2
Location of Reference Point (RP):	
Location distance and direction from RP:	
Latitude:	N32:42:40.85
Longitude:	W103:13:42.01
Elevation above mean sea level:	3681 -ft amsl
Feet from South Section Line:	15
Feet from West Section Line:	700
Location - Unit or 1/4 1/4:	UL- M SW 1/4 of SW 1/4
Location - Section:	26
Location - Township:	18S
Location - Range:	37E
Surface water body within 1000' radius of Site:	0
Surface water body within 1000' radius of Site:	0
Domestic water wells within 1000' radius of Site:	0
Domestic water wells within 1000' radius of Site:	0
Agricultural water wells within 1000' radius of Site:	1
Agricultural water wells within 1000' radius of Site:	0
Public water supply wells within 1000' radius of Site:	0
Public water supply wells within 1000' radius of Site:	0
Depth (ft) from land surface to ground water (DG):	38
Depth (ft) of contamination (DC):	5
Depth (ft) to ground water (DG - DC = DtGW):	33

1. Ground Water	**2. Wellhead Protection Area**	**3. Distance to Surface Water Body**
If Depth to GW <50 feet: *20 points*	If <1000' from water source, or, <200' from private domestic water source: *20 points*	<100 horizontal feet: 20 points
If Depth to GW 50 to 99 feet: *10 points*		200-1000 horizontal feet: 10 points
If Depth to GW >100 feet: *0 points*	If >1000' from water source, or, >200' from private domestic water source: *0 points*	>1000 horizontal feet: 0 points
Ground water Score: 20	*Wellhead Protection Area Score: 20*	*Surface Water Score: 0*
Site Rank (1+2+3) = 40		

Total Site Ranking Score and Acceptable Concentrations

Parameter	**20 or >**	10	0
Benzene[1]	**10 ppm**	10 ppm	10 ppm
BTEX[1]	**50 ppm**	50 ppm	50 ppm
TPH	**100 ppm**	1000 ppm	5000 ppm

[1]100 ppm field VOC headspace measurement may be substituted for lab analysis