AP - 54

ANNUAL MONITORING REPORT

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2011 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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March, 2012

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APR - 5 2012

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

March 29, 2012

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

Re: Plains All American – 2011 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 06, T17S, R36E, 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
Remediation Coordinator
Plains All American

CC: Geoff Leking, NMOCD, Hobbs, NM

Enclosures

2011 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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March 2012

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

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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

Currently, a total of 27 monitor wells have been installed in the vicinity of the release (see Figure 1). Initial groundwater 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). After it was determined that monitor wells MW-1 and MW-2 were impacted with PSH; monitor wells MW-3 through MW-6 were installed in August 2003. PSH was detected in monitor wells MW-3 through MW-6 during the development process. 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 as well. 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, in order 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 down-gradient towards the southeast. Subsequently, monitor wells MW-25, MW-26, and MW-27 were installed in December of 2011 to increase the density of

pumping wells in order to increase drawdown of the groundwater level to further impede the migration of the dissolved-phase plume.

A quarterly groundwater monitoring program was implemented for the site that included PSH recovery utilizing an automated eductor system, which operated from March 2004 to March 2007. In March 2007, the eductor system was replaced with an automated pneumatic skimmer and bladder pump PSH recovery system. At that time, 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 pneumatic total fluid pump was installed in monitor well MW-5.

Currently, there are three (3) pneumatic specific gravity skimmers and bladder pumps in monitor wells MW-11, MW-14 and MW-16 and 11 pneumatic total fluids pumps in monitor wells MW-1, through MW-6, MW-10, MW-12, MW-15, MW-17, and MW-20. In addition, three (3) total fluids pumps will be installed in monitor wells MW-25, MW-26, and MW-27 in early 2012. The recovered water is transferred to Occidental Permian's North Hobbs Satellite disposal facility via HDPE flow-line and the recovered oil is periodically collected with a vacuum truck and transported to the Plains Lea 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 2011. 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 2011. 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 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 250 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.

2.2 Groundwater Monitoring Activities

A total of four groundwater monitoring events were conducted by Talon/LPE: March 9, 2011; June 8, 2011; September 19, 2011; and December 20, 2011. Details of the gauging, purging, and sample collection activities are presented in Section 2.1.

During the March 2011 groundwater monitoring event, groundwater samples were collected from nine (9) monitor wells (MW-7, MW-9, MW-13, MW-18, MW-19, and MW-21 through MW-24). Fifteen (15) 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) were not sampled due to the presence of PSH.

During the June 2011 groundwater monitoring event, groundwater samples were collected from six (6) monitor wells (MW-18, MW-19, and MW-21 through MW-24. Fifteen (15) 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) were not sampled due to the presence of PSH. Samples were not collected from three (3) monitor wells (MW-7, MW-9, and MW-13) since they are scheduled for sample collection on an annual basis.

During the September 2011 groundwater monitoring event, groundwater samples were collected from nine (9) monitor wells (MW-7, MW-9, MW-13, MW-18, MW-19, and MW-21 through MW-24). Fifteen (15) 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) were not sampled due to the presence of PSH.

During the December 2011 event, groundwater samples were collected from nine (9) monitor wells (MW-7, MW-9, MW-13, MW-18, MW-19, MW-21, through MW-24). Eighteen (18) monitor wells (MW-1 through MW-6, MW-8, MW-10, MW-11, MW-12, MW-14, MW-15, MW-16, MW-17, MW-20, MW-25, MW-26, and MW-27) were not sampled due to the presence of PSH.

2.3 Phase Separated Hydrocarbon and Groundwater Recovery

The crude oil and groundwater recovered with the total fluids and skimmer pumps were expelled to a 350 barrel frac tank used as a settling tank where the oil and water are gravity 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 four (4) inch HDPE flow line. The recovered oil that remains in the frac tank, is periodically collected with a vacuum truck and transported to the Plains Lea Station where it is re-introduced into the pipeline system.

The depth to water and PSH in the frac tank is periodically measured with an interface probe and the recovered volumes are calculated. During 2011 the quarterly groundwater and PSH recovery totals are as followed:

- 1st Quarter – approximately 54 bbls of oil and 3,195 bbls of water
- 2nd Quarter – approximately 76 bbls of oil and 16,189 bbls of water
- 3rd Quarter – approximately 55 bbls of oil and 12,988 bbls of water
- 4th Quarter – approximately 38 bbls of oil and 9,835 bbls of water

Approximately 223 bbls of oil was recovered during 2011 and a total of 2,081 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 25 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 March 2011 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 0.0051 feet/foot or 26.83 feet/mile.

The potentiometric surface map prepared from data collected from the June 2011 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 0.0047 feet/foot or 24.6 feet/mile.

The potentiometric surface map prepared from data collected from the September 2011 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 0.0042 feet/foot or 22.15 feet/mile.

The potentiometric surface map prepared from data collected from the December 2011 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 26.46 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 March 2011, 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 0.36 feet in MW-8 to 5.31 feet in MW-11.
- In June 2011, 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 0.18 feet in MW-16 to 3.71 feet in MW-12.
- In September 2011, 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 0.43 feet in MW-8 to 5.36 feet in MW-12.
- In December 2011, 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, MW-20, MW-25, MW-26, and MW-27. PSH thickness ranged from 0.70 feet in MW-8 to 5.74 feet in MW-12.

PSH thickness isopleths maps are presented as Figure 3a through Figure 3d in Appendix A.

3.1.4 Groundwater Sampling Results

During the March 2011 sampling event, analytical results from the collected groundwater samples exhibited the following qualities:

- Benzene concentrations ranged from <0.00100 mg/L to 15.6 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-7, MW-21, and MW-22.
- Toluene concentrations ranged from <0.00100 mg/L to <0.100 mg/L. Toluene concentrations did not exceed the NMWQCC remediation threshold of 0.750 mg/L in any of the groundwater samples collected..
- Ethylbenzene concentrations ranged from <0.00100 mg/L to 2.00 mg/L. Ethylbenzene concentrations exceeded the NMWQCC remediation threshold of 0.750 mg/L in the groundwater samples collected from monitor wells MW-21 and MW-22.
- Xylene concentrations ranged from <0.00100 mg/L to 2.24 mg/L. Xylene concentrations exceeded the NMWQCC remediation threshold of 0.620 mg/L in groundwater samples collected from monitor wells MW-21 and MW-22.

During the June 2011 sampling event, analytical results from the collected groundwater samples exhibited the following qualities:

- Benzene concentrations ranged from <0.00100 mg/L to 16.6 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 <0.100 mg/L. The toluene concentration did not exceed the NMWQCC remediation threshold of 0.750 mg/L in any of the groundwater samples collected.
- Ethylbenzene concentrations ranged from <0.00100 mg/L to 1.51 mg/L. The ethylbenzene concentration exceeded the NMWQCC remediation threshold of 0.750 mg/L in the groundwater sample collected from monitor well MW-21.
- Xylene concentrations ranged from <0.00100 mg/L to 1.92 mg/L. The xylene concentration exceeded the NMWQCC remediation threshold of 0.620 mg/L in the groundwater sample collected from monitor well MW-21.

During the September 2011 groundwater monitoring event, analytical results from the collected groundwater samples exhibited the following qualities:

- Benzene concentrations ranged from <0.00100 mg/L to 16.4 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 <0.100 mg/L. The toluene concentration did not exceed the NMWQCC remediation threshold of 0.750 mg/L in any of the groundwater samples collected.
- Ethylbenzene concentrations ranged from <0.00100 mg/L to 1.55 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 0.460 mg/L. The xylene concentration exceeded the NMWQCC remediation threshold of 0.620 mg/L in the groundwater sample collected from monitor well MW-21

During the December 2011 groundwater monitoring event, analytical results from the collected groundwater samples exhibited the following qualities:

- Benzene concentrations ranged from <0.00100 mg/L to 11.8 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 <0.0500 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 1.10 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 0.206 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.

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 four 2011 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 at the site is to the east to southeast based upon the water level measurement data collected to date.
- Down-gradient monitor wells MW-23 and MW-24 did not exhibit BTEX concentrations above laboratory reporting limits during each of the four (4) quarterly groundwater monitoring events indicating that the system is inhibiting the down-gradient migration of the dissolved-phase plume (see Figures 4a and 4b).
- Throughout the year 2011, dissolved-phase concentrations have declined in down-gradient monitor wells MW-21 and MW-22 indicating that the dissolved-phase plume may be contracting.
- Total fluids pumps were installed in monitor wells MW-10 and MW-20 in order to further impede the down-gradient migration of the dissolved-phase plume.
- Three additional monitor wells, MW-25, MW-26, and MW-27 were installed in 2011, which will be equipped with pneumatic total fluids pumps in order to increase pumping capacity, which will further impede the down-gradient migration of the dissolved-phase plume.
- 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, 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.
- 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 and has been approved.

APPENDIX A

Figures

Figure 1 – Site Plan
Figure 2a – Groundwater Gradient Map – 03/08/2011
Figure 2b – Groundwater Gradient Map – 06/07/2011
Figure 2c – Groundwater Gradient Map – 09/19/2011
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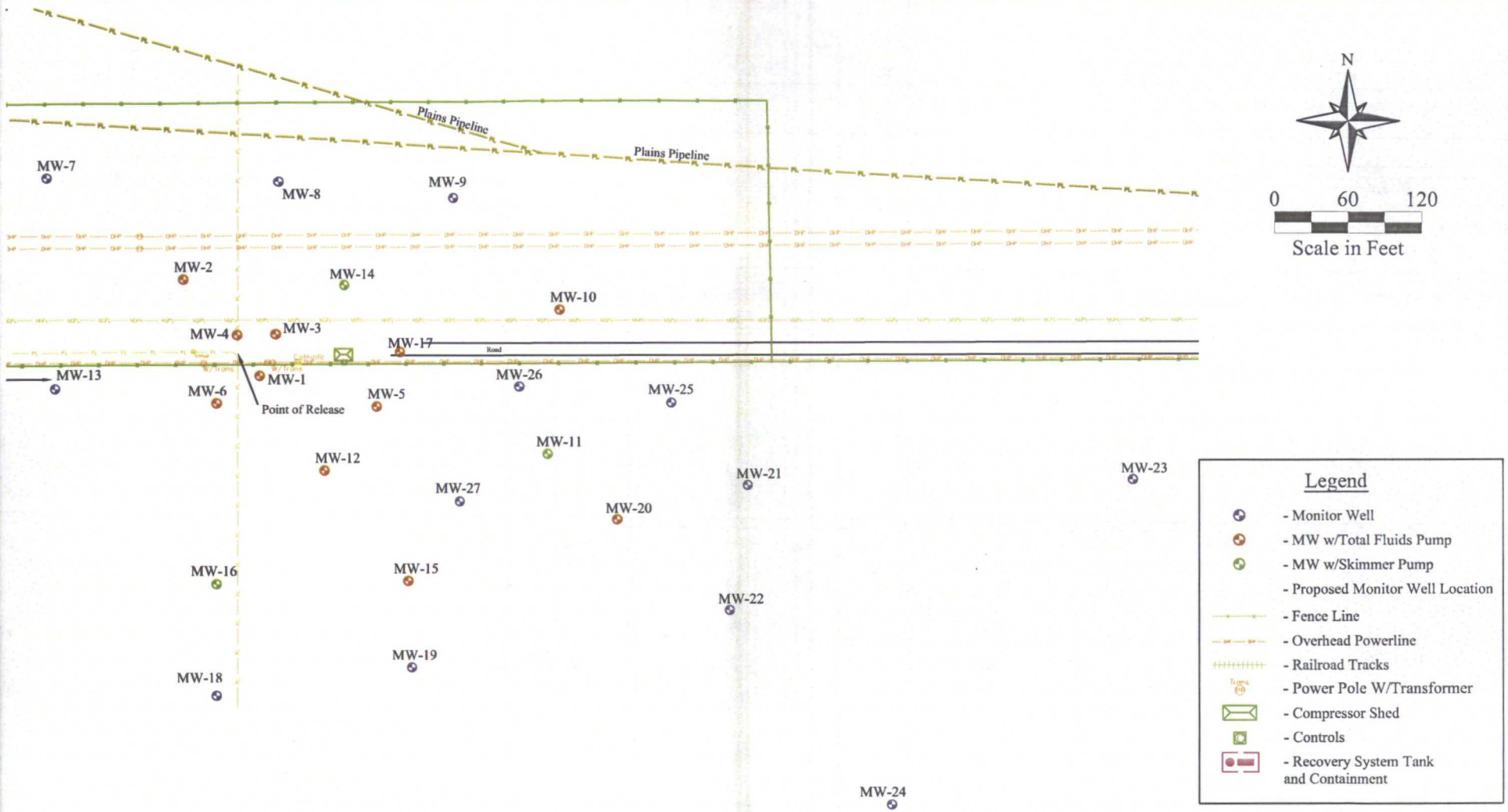
Figure 5a – Dynamic PSH Thickness Map – 04/08/11
Figure 5b - Dynamic PSH Thickness Map – 06/06/11



Project # 700376.052.01

TALON LPE

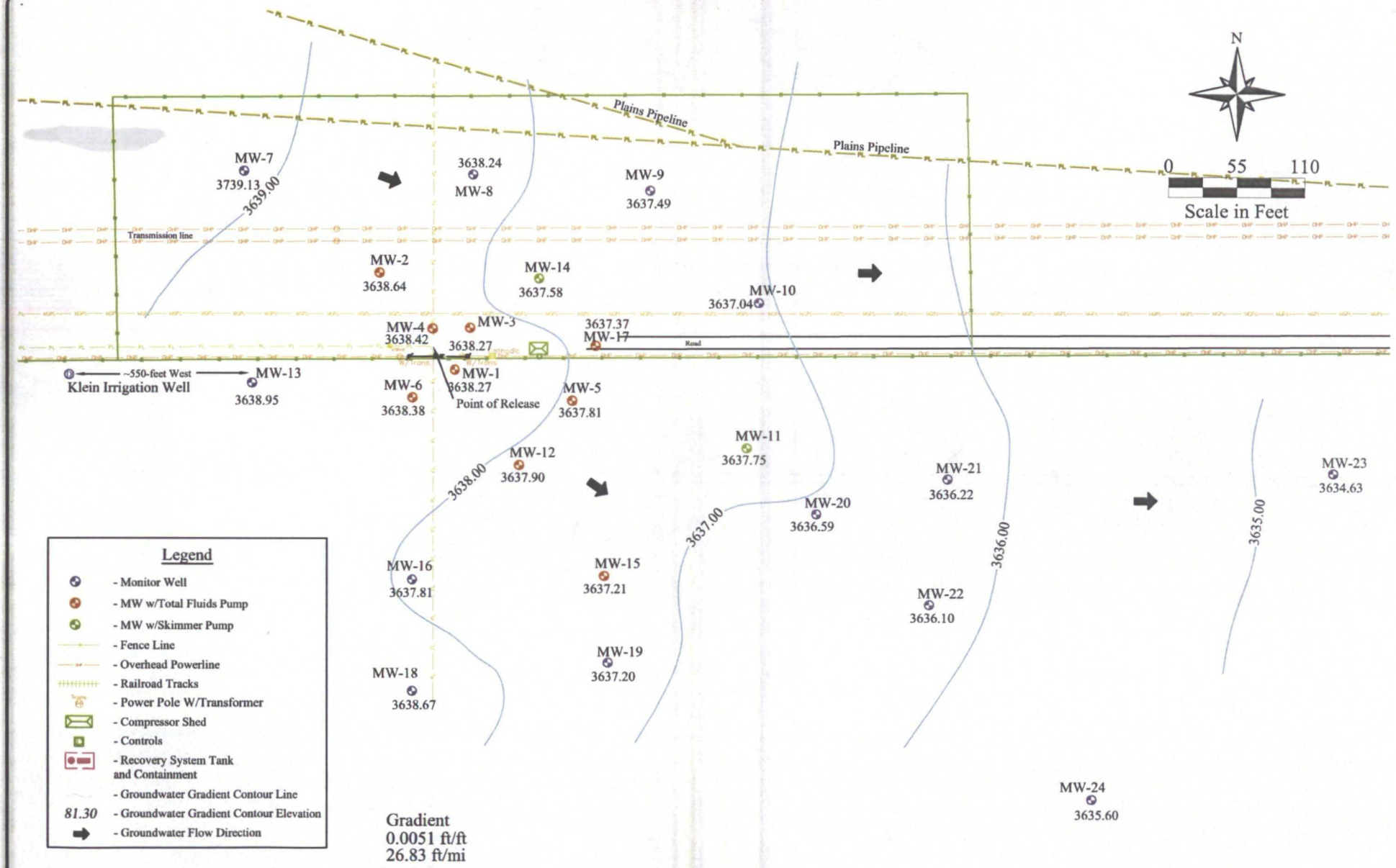
Date: 08/16/2011
Scale: 1" = 120'
Drawn By: TJS

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 Map, (12/14/2011)



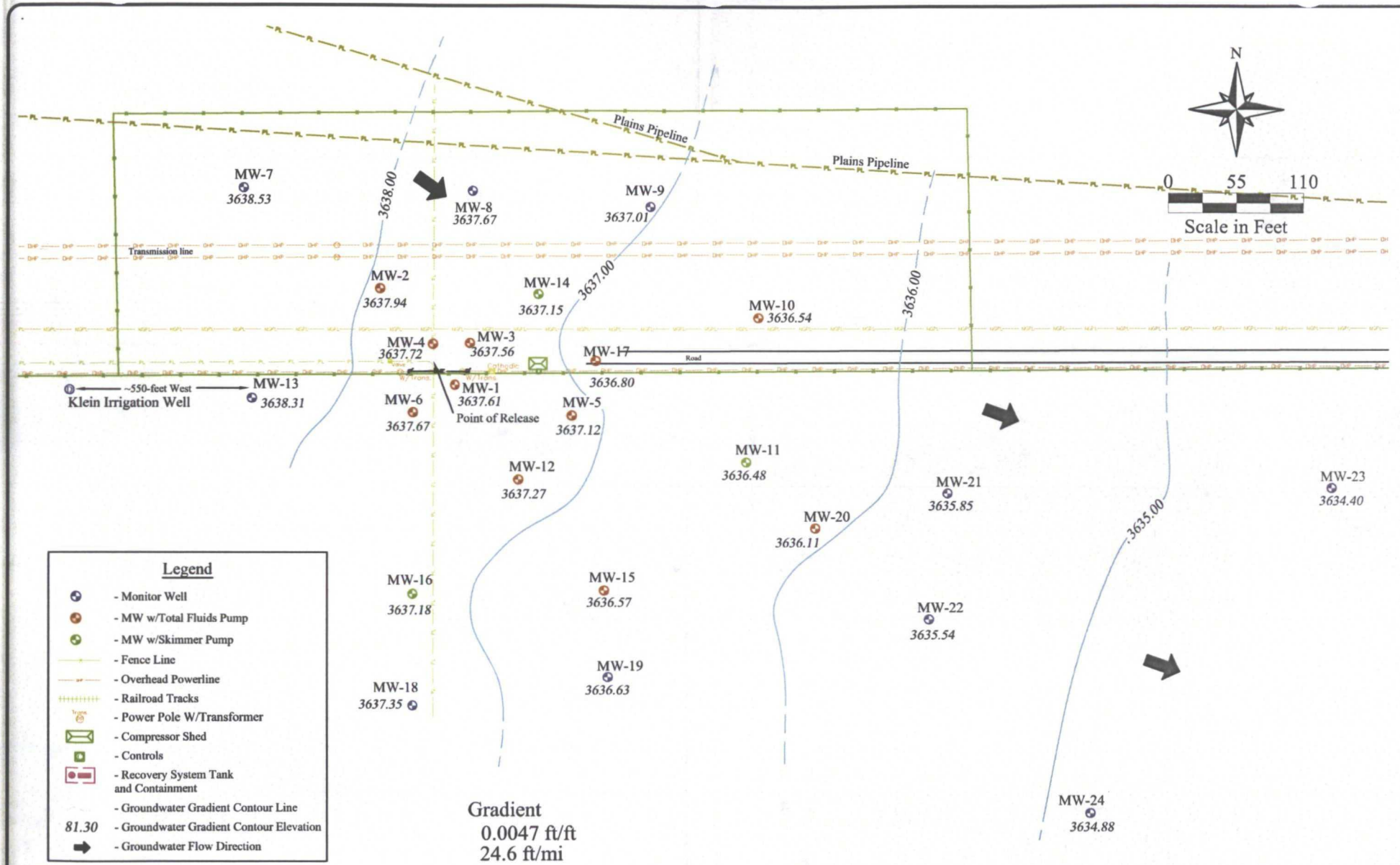
Project = 700376.052.01

TALON LPE

Date: 04/13/2011
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 2a - Groundwater Gradient Map, (03/08/2011)



Project = 700376.052.01

TALON LPE

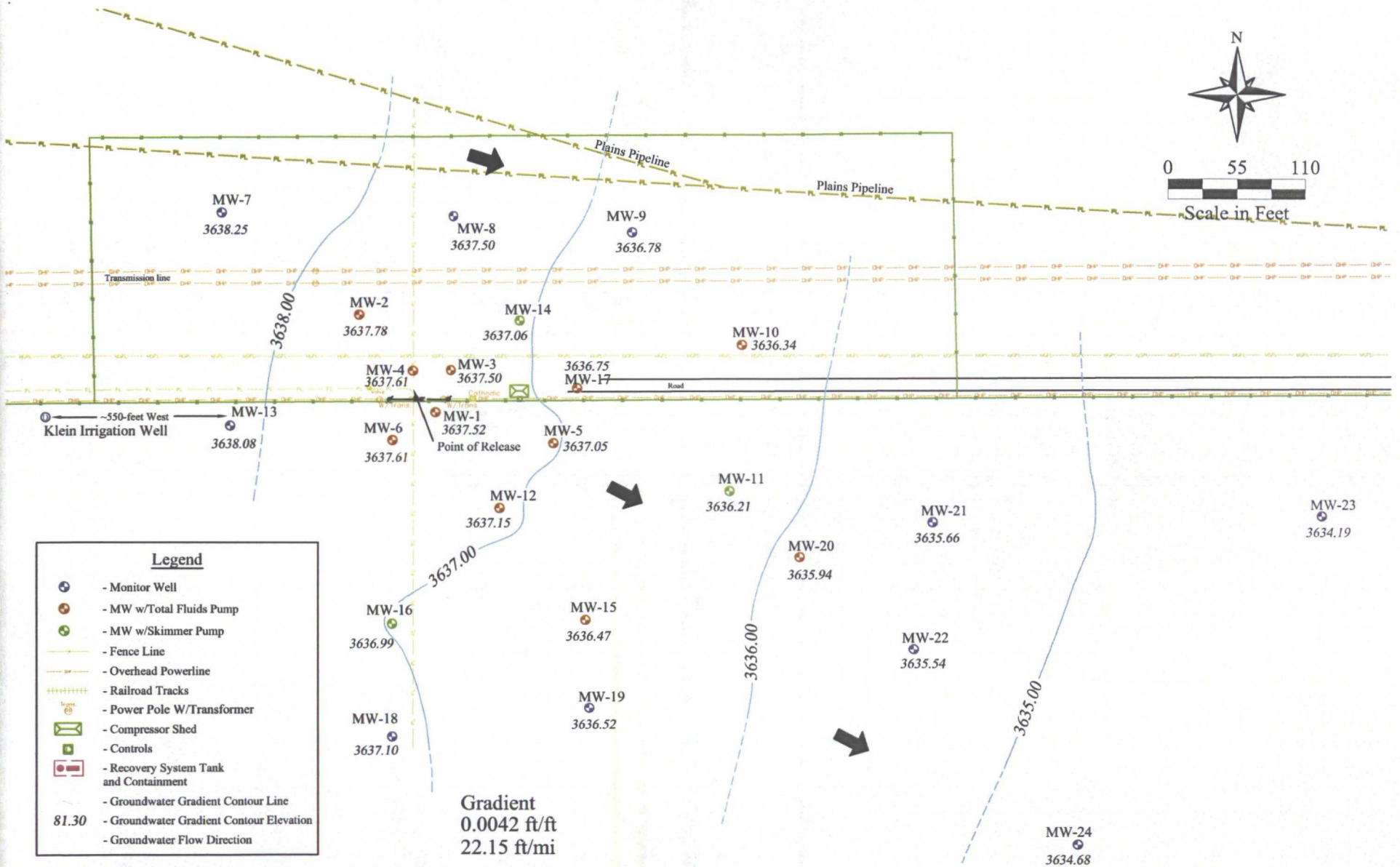
Date: 06/15/2011
Scale: 1" = 110'
Drawn By: TJS

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 2b - Groundwater Gradient Map - 06/07/2011



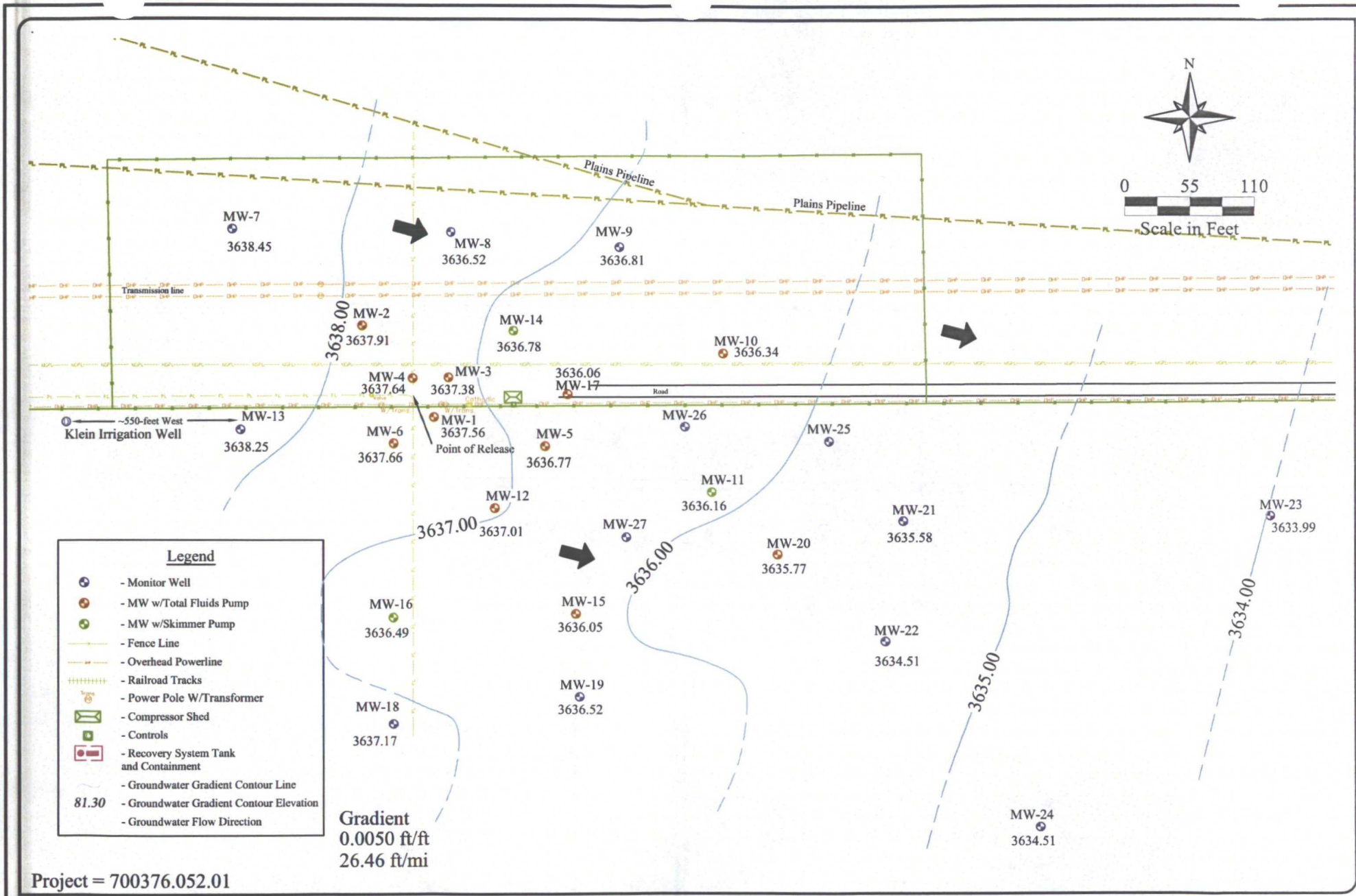
Date:	09/28/2011
Scale:	1" = 110'
Drawn By:	TJS

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 3b - Groundwater Gradient Map - 09/19/2011



TALON LPE

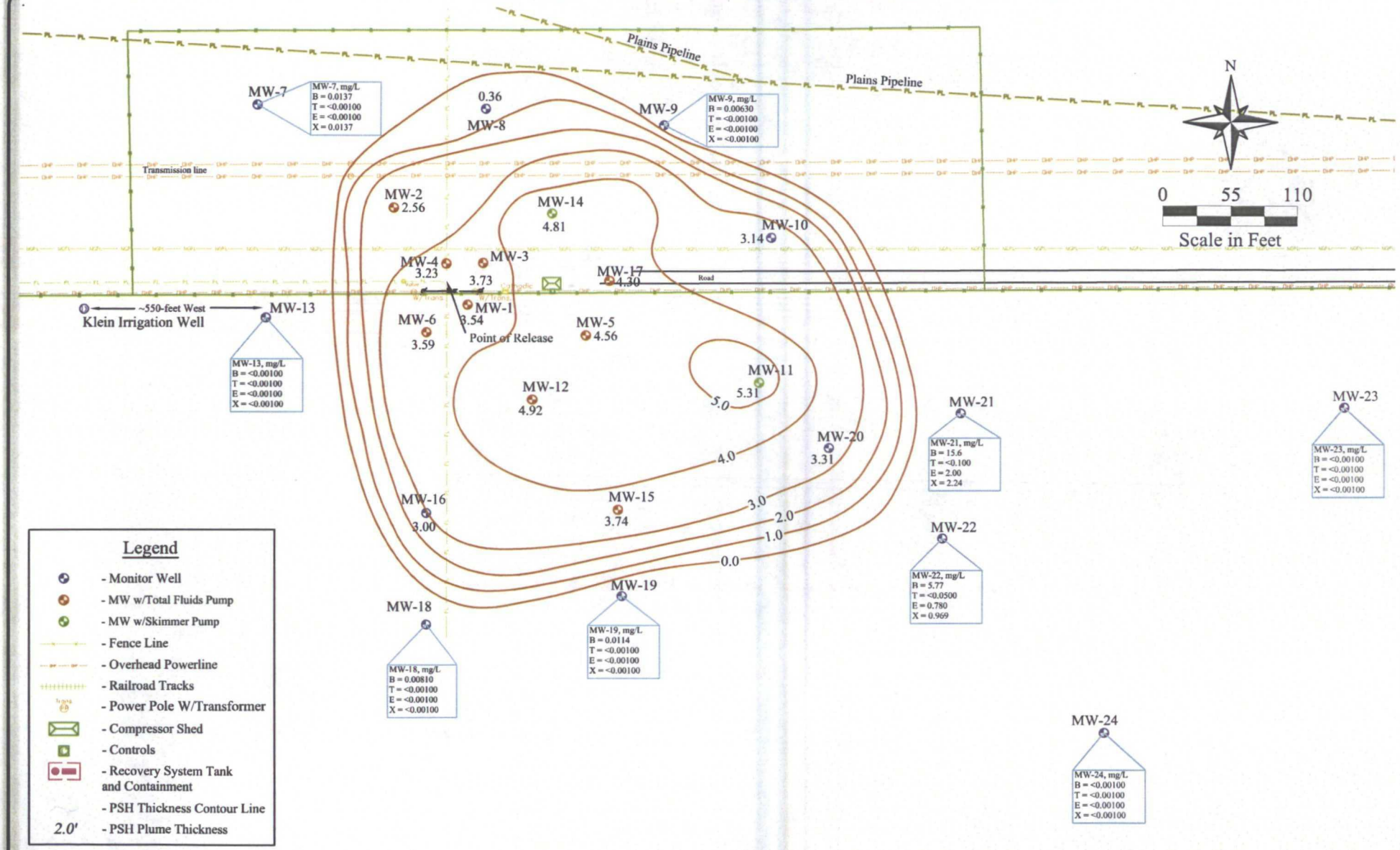
Date: 01/03/2012
Scale: 1" = 110'
Drawn By: TJS

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 - 12/20/2011



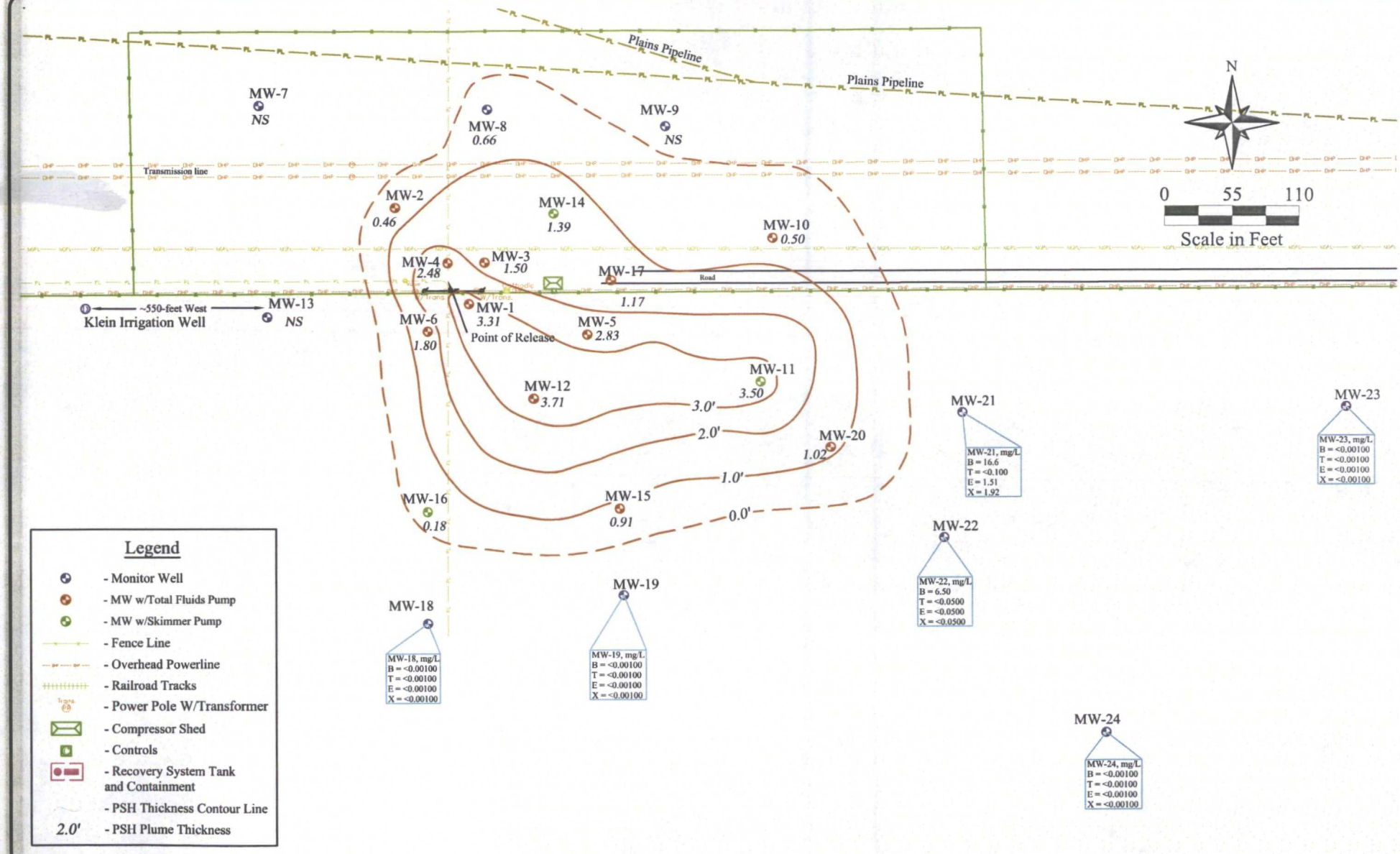
Project # 700376.052.01

TALON LPE

Date: 04/13/2011
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 3a - PSH Thickness & Groundwater Concentration Map, (03/08/2011)



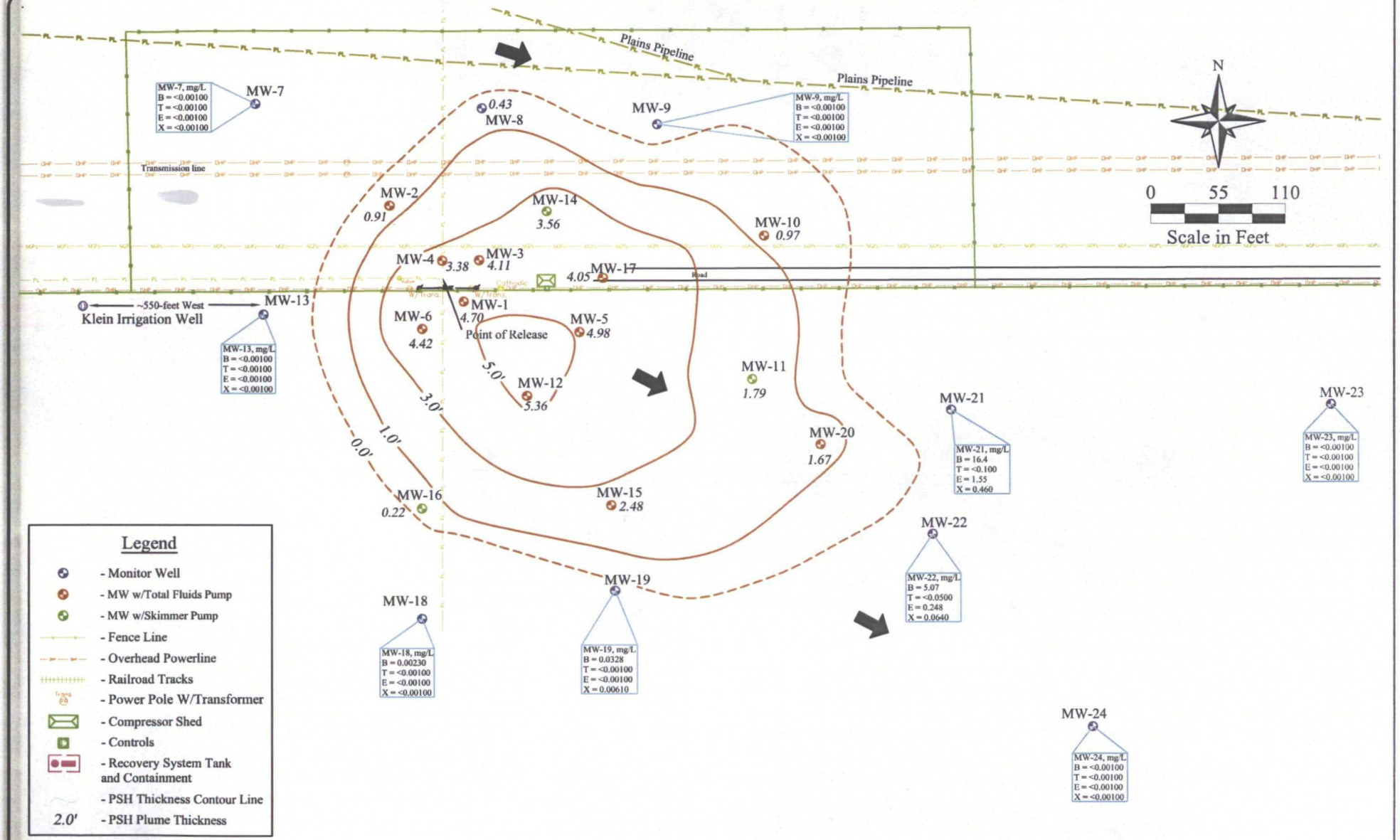
Project # 700376.052.01

TALON LPE

Date: 06/15/2011
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 3b - PSH Thickness & Groundwater Concentration Map - 06/07/2011



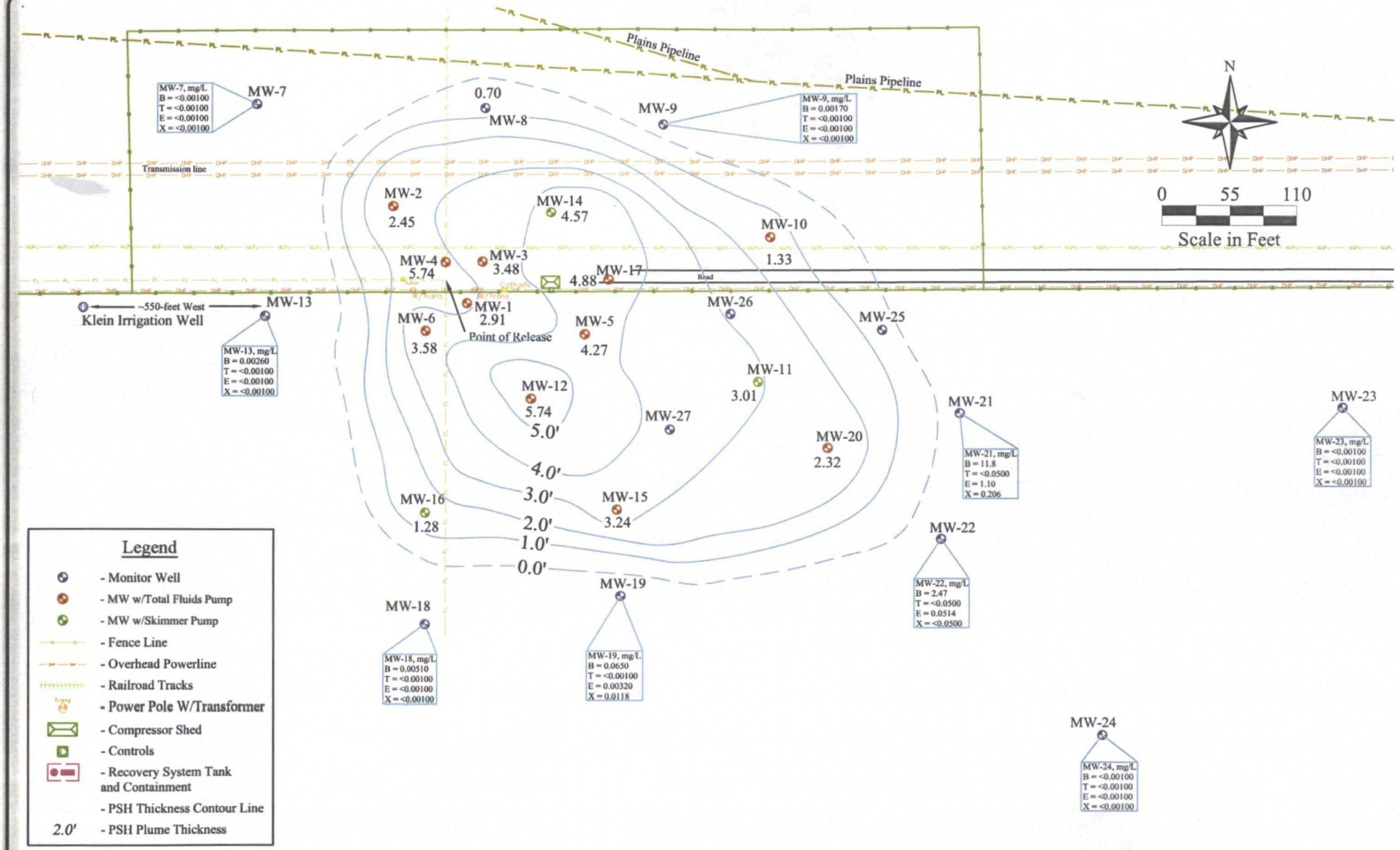
Project # 700376.052.01

TALON LPE

Date: 09/28/2011
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 - 09/19/2011



Project # 700376.052.01

TALON LPE

Date: 01/03/2012

Scale: 1" = 110'

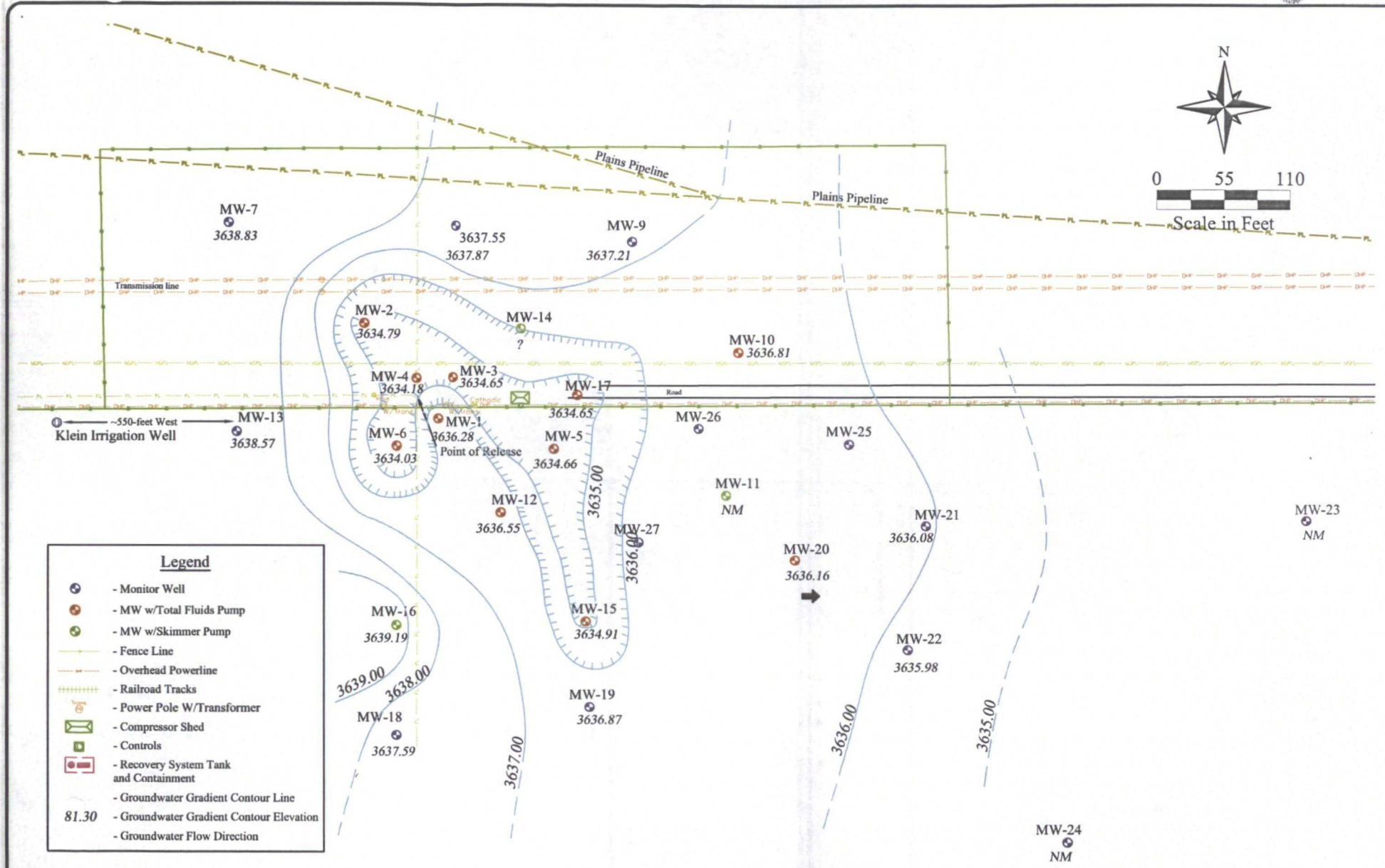
Drawn By: TJS

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 - 12/20/2011



Project = 700376.052.01

TALON LPE

Date: 01/03/2012

Scale: 1" = 110'

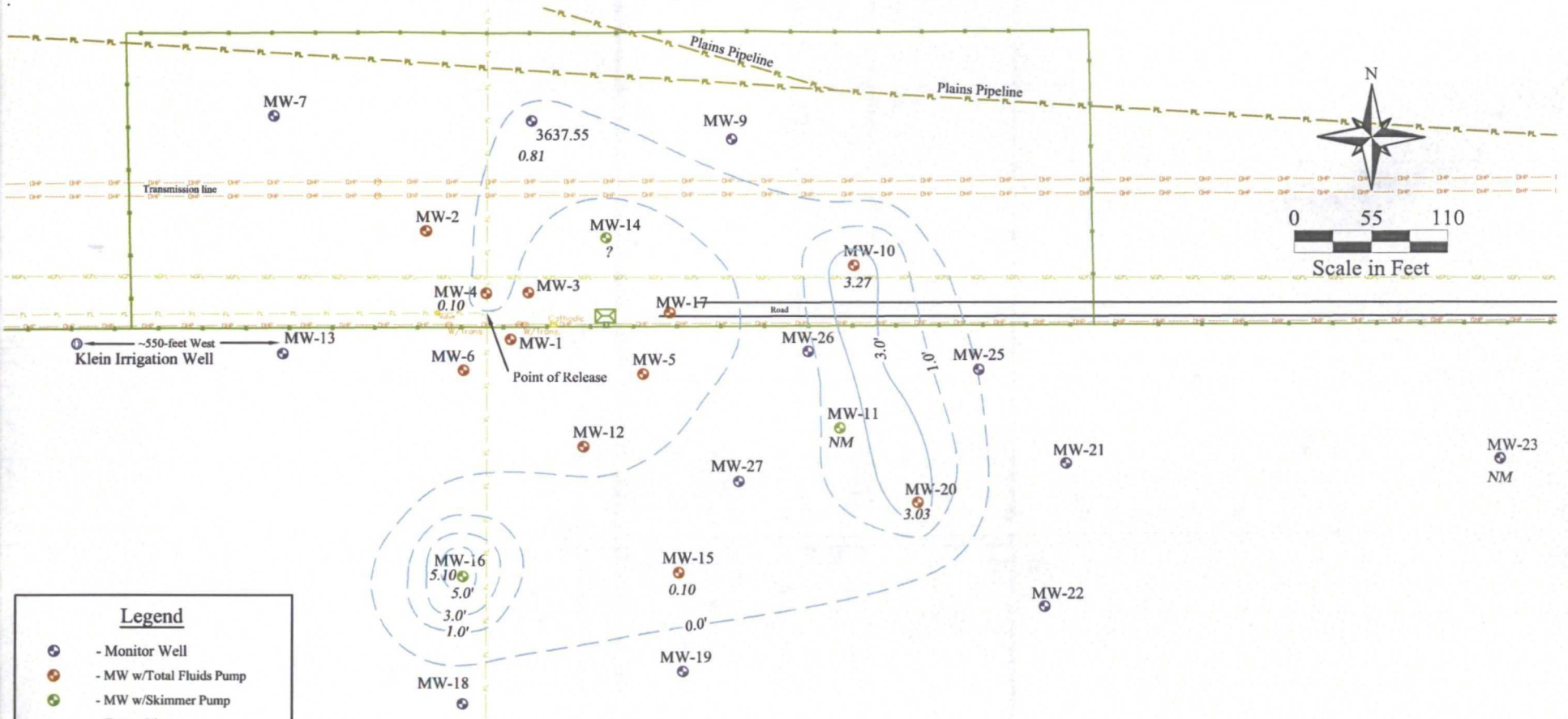
Drawn By: TJS

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 4a - Groundwater Gradient Map, (04/08/2011)



Legend

- Monitor Well
- MW w/Total Fluids Pump
- MW w/Skimmer Pump
- Fence Line
- Overhead Powerline
- Railroad Tracks
- Power Pole W/Transformer
- Compressor Shed
- Controls
- Recovery System Tank and Containment
- PSH Thickness Contour Line
- 2.0' - PSH Plume Thickness

Project # 700376.052.01

TALON LPE

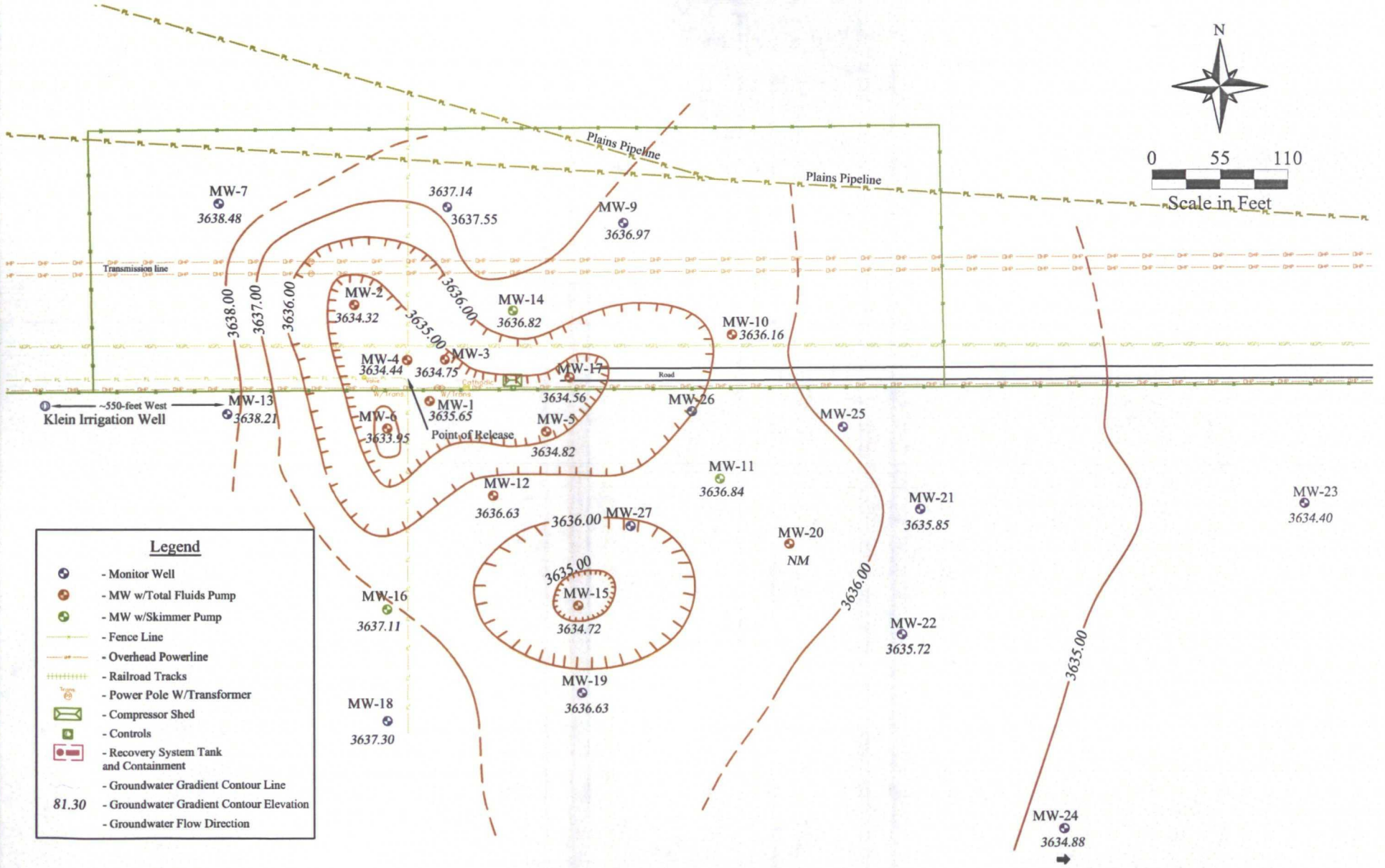
Date: 03/20/2012
Scale: 1" = 110'
Drawn By: TJS

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 5a - Dynamic PSH Thickness Map, (04/08/2011)



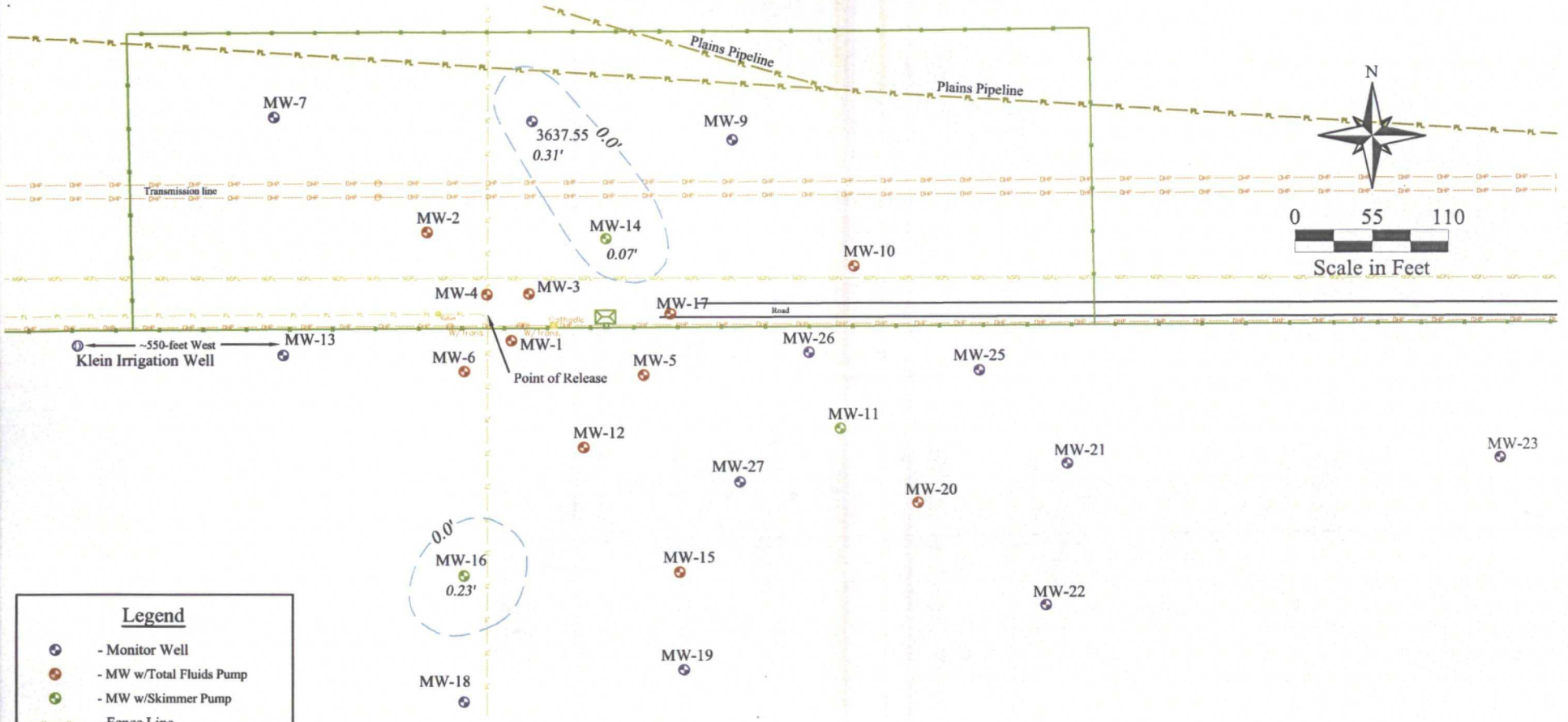
Project = 700376.052.01

TALON LPE

Date: 01/03/2012
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 4b - Dynamic Groundwater Gradient Map - 06/06/2011



Project # 700376.052.01

TALON LPE

Date: 03/20/2012
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 5b - Dynamic PSH Thickness Map - 06/06/2011

APPENDIX B

Tables

Table 1 – Summary of Historical Fluid Level Measurements

Table 2 – Summary of Groundwater Analytical Data - BTEX

Table 3 - Summary of Groundwater Analytical Data – PAH

Chart 1 – PSH Recovery History

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
MW-1	11/14/05		36.26	41.80	5.54	3,641.69

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	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
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

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	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
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

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	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-1	03/08/11		39.71	43.25	3.54	3,638.27
MW-1	4/8/2011*		ND	42.22	0.00	3,636.28
MW-1	6/6/2011*		ND	42.85	0.00	3,635.65
MW-1	06/07/11		40.40	43.71	3.31	3,637.61
MW-1	09/19/11		40.29	44.99	4.70	3,637.52
MW-1	12/20/11		40.51	43.42	2.91	3,637.56
MW-1	03/09/12		40.45	43.87	3.42	3,637.55
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

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	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
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

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	03/09/07		38.07	42.24	4.17	3,640.98
MW-2	03/13/07		38.07	42.32	4.25	3,640.98
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

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	02/12/08		38.78	41.80	3.02	3,640.39
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
MW-2	03/08/11		40.45	43.01	2.56	3,638.64

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	4/8/2011*		ND	44.68	0.00	3,634.79
MW-2	6/6/2011*		ND	45.15	0.00	3,634.32
MW-2	06/07/11		41.46	41.92	0.46	3,637.94
MW-2	09/19/11		41.56	42.47	0.91	3,637.78
MW-2	12/20/11		41.20	43.65	2.45	3,637.91
MW-2	03/09/12		40.99	44.57	3.58	3,637.95
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

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	01/23/06		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
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

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	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
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

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	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
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-3	03/08/11		40.99	44.72	3.73	3,638.27
MW-3	4/8/2011*		ND	45.16	0.00	3,634.65
MW-3	6/6/2011*		ND	45.06	0.00	3,634.75
MW-3	06/07/11		42.03	43.53	1.50	3,637.56
MW-3	09/19/11		41.71	45.82	4.11	3,637.50
MW-3	12/20/11		41.92	45.40	3.48	3,637.38
MW-3	03/09/12		41.60	45.95	4.35	3,637.57
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

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	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
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

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	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
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

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	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
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-4	03/08/11		40.75	43.98	3.23	3,638.42
MW-4	4/8/2011*		45.45	45.55	0.10	3,634.18
MW-4	6/6/2011*		ND	45.20	0.00	3,634.44

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-4	06/07/11		41.56	44.04	2.48	3,637.72
MW-4	09/19/11		41.53	44.91	3.38	3,637.61
MW-4	12/20/11		41.60	44.30	2.70	3,637.64
MW-4	03/09/12		41.41	44.88	3.47	3,637.72
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
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

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	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
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

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	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
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

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	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-5	03/08/11		40.78	45.34	4.56	3,637.81
MW-5	4/8/2011*		ND	44.60	0.00	3,634.66
MW-5	6/6/2011*		ND	44.44	0.00	3,634.82
MW-5	06/07/11		41.72	44.55	2.83	3,637.12
MW-5	09/19/11		41.48	46.46	4.98	3,637.05
MW-5	12/20/11		41.86	46.13	4.27	3,636.77
MW-5	03/09/12		41.62	45.71	4.09	3,637.04
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
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

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	05/13/05		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
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

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	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
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

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	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
MW-6	03/08/11		41.72	45.31	3.59	3,638.38
MW-6	4/8/2011*		ND	46.60	0.00	3,634.03
MW-6	6/6/2011*		ND	46.68	0.00	3,633.95
MW-6	06/07/11		42.70	44.50	1.80	3,637.67
MW-6	09/19/11		42.37	46.79	4.42	3,637.61
MW-6	12/20/11		42.44	46.02	3.58	3,637.66
MW-6	03/09/12		42.44	45.97	3.53	3,637.67
MW-7	01/23/04	3,679.85	TD=53.34	39.64		3,640.21

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	04/29/04			39.29		3,640.56
MW-7	05/12/04			39.29		3,640.56

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	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
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

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	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
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

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	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-7	03/08/11			40.72		3,639.13
MW-7	04/08/11			41.02		3,638.83
MW-7	06/06/11			41.37		3,638.48
MW-7	06/07/11			41.32		3,638.53
MW-7	09/19/11			41.60		3,638.25
MW-7	12/20/11			41.40		3,638.45
MW-7	03/09/12			41.42		3,638.43
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
MW-8	07/18/07			39.05		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-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
MW-8	03/08/11		40.78	41.14	0.36	3,638.24
MW-8	4/8/2011*		41.08	41.89	0.81	3,637.87

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	6/6/2011*		41.88	42.19	0.31	3,637.14
MW-8	06/07/11		41.30	41.96	0.66	3,637.67
MW-8	09/19/11		41.51	41.94	0.43	3,637.50
MW-8	02/10/00		41.41	42.11	0.70	3,637.56
MW-8	03/09/12		41.35	42.50	1.15	3,637.55
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

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	08/14/06			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
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

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	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
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-9	03/08/11			41.27		3,637.49
MW-9	4/8/2011*			41.55		3,637.21
MW-9	6/6/2011*			41.79		3,636.97
MW-9	06/07/11			41.75		3,637.01
MW-9	09/19/11			41.98		3,636.78
MW-9	12/20/11			41.95		3,636.81
MW-9	03/09/12			41.96		3,636.80
MW-10	01/23/04	3,678.36		39.89		3,638.47

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	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
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

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	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
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

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	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
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-10	03/08/11		40.86	44.00	3.14	3,637.04
MW-10	4/8/2011*		41.07	44.34	3.27	3,636.81
MW-10	6/6/2011*		ND	42.20	0.00	3,636.16
MW-10	06/07/11		41.75	42.25	0.50	3,636.54
MW-10	09/19/11		41.88	42.85	0.97	3,636.34
MW-10	12/20/11		41.82	43.15	1.33	3,636.34
MW-10	03/09/12		41.84	43.22	1.38	3,636.32
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

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	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
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

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	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
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

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	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-11	03/08/11		39.50	44.81	5.31	3,637.75
MW-11	4/8/2011*		40.77	ND	?	?
MW-11	6/6/2011*		ND	41.19	0.00	3,636.84
MW-11	06/07/11		41.04	44.54	3.50	3,636.48
MW-11	09/19/11		41.56	43.35	1.79	3,636.21
MW-11	12/20/11		41.43	44.44	3.01	3,636.16
MW-11	03/09/12		41.56	44.00	2.44	3,636.11
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
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

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	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
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

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	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
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

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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-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-12	03/08/11		41.01	45.93	4.92	3,637.90
MW-12	4/8/2011*		ND	43.08	0.00	3,636.55
MW-12	6/6/2011*		ND	43.00	0.00	3,636.63
MW-12	06/07/11		41.81	45.52	3.71	3,637.27
MW-12	09/19/11		41.69	47.05	5.36	3,637.15
MW-12	12/20/11		41.78	47.52	5.74	3,637.01
MW-12	03/09/12		41.90	45.75	3.85	3,637.16
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
MW-13	05/12/04			41.05		3,640.37
MW-13	06/03/04			41.05		3,640.37

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	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
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

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	03/28/07			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
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

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	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-13	03/08/11			42.47		3,638.95
MW-13	4/8/2011*			42.85		3,638.57
MW-13	6/6/2011*			43.21		3,638.21
MW-13	06/07/11			43.11		3,638.31
MW-13	09/19/11			43.34		3,638.08
MW-13	12/20/11			43.17		3,638.25
MW-13	03/09/12			43.18		3,638.24
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

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	01/23/06		37.85	42.74	4.89	3,640.66
MW-14	03/02/06		37.58	41.71	4.13	3,641.01
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

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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-14	09/25/07		39.34	40.94	1.60	3,639.50
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

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-14	03/08/11		40.71	45.52	4.81	3,637.58
MW-14	4/8/2011*		41.07	ND	?	?
MW-14	6/6/2011*		42.17	42.24	0.07	3,636.82
MW-14	06/07/11		41.65	43.04	1.39	3,637.15
MW-14	09/19/11		41.42	44.98	3.56	3,637.06
MW-14	12/20/11		41.55	46.12	4.57	3,636.78
MW-14	03/09/12		41.31	45.50	4.19	3,637.07
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

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	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
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

TABLE 1
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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	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
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

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	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
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-15	03/08/11		37.16	40.90	3.74	3,637.21
MW-15	4/8/2011*		40.00	40.10	0.10	3,634.91
MW-15	6/6/2011*		ND	40.20	0.00	3,634.72
MW-15	06/07/11		38.22	39.13	0.91	3,636.57
MW-15	09/19/11		38.09	40.57	2.48	3,636.47
MW-15	12/20/11		38.39	41.63	3.24	3,636.05
MW-15	03/09/12		37.97	41.25	3.28	3,636.47
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

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	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
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

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	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
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

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	12/27/10		38.51	40.87	2.36	3,638.00
MW-16	03/08/11		38.61	41.61	3.00	3,637.81
MW-16	4/8/2011*		36.92	42.02	5.10	3,639.19
MW-16	6/6/2011*		39.72	39.95	0.23	3,637.11
MW-16	06/07/11		39.65	39.83	0.18	3,637.18
MW-16	09/19/11		39.84	40.06	0.22	3,636.99
MW-16	12/20/11		40.18	41.46	1.28	3,636.49
MW-16	03/09/12		39.72	40.32	0.60	3,637.05
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
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

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	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
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

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	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
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

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	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-17	03/08/11		41.01	45.31	4.30	3,637.37
MW-17	4/8/2011*		ND	44.62	0.00	3,634.39
MW-17	6/6/2011*		ND	44.45	0.00	3,634.56
MW-17	06/07/11		42.04	43.21	1.17	3,636.80
MW-17	09/19/11		41.66	45.71	4.05	3,636.75
MW-17	12/20/11		42.23	47.11	4.88	3,636.06
MW-17	03/09/12		41.51	46.31	4.80	3,636.79
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		
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		

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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-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
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

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	03/08/11			37.01		3,638.67
MW-18	4/8/2011*			38.09		3,637.59
MW-18	6/6/2011*			38.38		3,637.30
MW-18	06/07/11			38.33		3,637.35
MW-18	09/19/11			38.58		3,637.10
MW-18	12/20/11			38.51		3,637.17
MW-18	03/09/12			38.53		3,637.15
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

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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-19	03/08/11			37.76		3,637.20
MW-19	4/8/2011*			38.09		3,636.87
MW-19	6/6/2011*			38.33		3,636.63

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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-19	06/07/11			38.33		3,636.63
MW-19	09/19/11			38.44		3,636.52
MW-19	12/20/11			38.44		3,636.52
MW-19	03/09/12			38.47		3,636.49
MW-20	11/28/06			35.61		
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

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	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
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-20	03/08/11		37.30	40.61	3.31	3,636.59
MW-20	4/8/2011*		37.77	40.80	3.03	3,636.16
MW-20	6/6/2011*		NM	NM	NM	NM
MW-20	06/07/11		38.12	39.14	1.02	3,636.11
MW-20	09/19/11		38.19	39.86	1.67	3,635.94
MW-20	12/20/11		38.27	40.59	2.32	3,635.77

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	03/09/12		38.20	40.35	2.15	3,635.86
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
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-21	03/08/11			38.16		3,636.22
MW-21	4/8/2011*			38.30		3,636.08
MW-21	6/6/2011*			38.53		3,635.85

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	06/07/11			38.53		3,635.85
MW-21	09/19/11			38.72		3,635.66
MW-21	12/20/11			38.80		3,635.58
MW-21	03/09/12			38.87		3,635.51
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
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

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	12/27/10			37.75		3,636.32
MW-22	03/08/11			37.97		3,636.10
MW-22	4/8/2011*			38.09		3,635.98
MW-22	6/6/2011*			38.35		3,635.72
MW-22	06/07/11			38.53		3,635.54
MW-22	09/19/11			38.20		3,635.87
MW-22	12/20/11			38.60		3,635.47
MW-22	03/09/12			38.64		3,635.43
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

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	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
MW-23	09/20/10			37.70		3,634.69
MW-23	12/27/10			37.76		3,634.63
MW-23	03/08/11			37.76		3,634.63
MW-23	4/8/2011*			NM		?
MW-23	6/6/2011*			37.99		3,634.40
MW-23	06/07/11			37.99		3,634.40
MW-23	09/19/11			38.20		3,634.19
MW-23	12/20/11			38.40		3,633.99
MW-23	03/09/12			39.65		3,632.74
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

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-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				
MW-24	03/08/11			37.66		3,635.13
MW-24	4/8/2011*			NM		?
MW-24	6/6/2011*			37.91		3,634.88
MW-24	06/07/11			37.91		3,634.88
MW-24	09/19/11			38.11		3,634.68
MW-24	12/20/11			38.28		3,634.51
MW-24	03/09/12			39.48		3,633.31
MW-25	12/14/11	WELL INSTALLATION				
	12/20/11	NM	40.20	40.20	sheen	
	03/09/12	NM	40.73	40.73	sheen	
MW-26	12/14/11	WELL INSTALLATION				
	12/20/11	NM	40.70	40.70	sheen	
	03/09/12	NM	40.70	41.05	0.35	

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-27	12/15/11	WELL INSTALLATION				
	12/20/11	NM	38.44	38.60	0.16	
	03/09/12	NM	37.85	41.50	3.65	
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

TALON LPE

TABLE 2
SUMMARY OF 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-1	03/09/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	06/08/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	09/19/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-1	12/20/11	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				

TALON LPE

TABLE 2
SUMMARY OF 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	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				
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-2	03/09/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	06/08/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	09/19/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-2	12/20/11	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				

TALON LPE

TABLE 2
SUMMARY OF 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	03/02/06	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				
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-3	03/09/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	06/08/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	09/19/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-3	12/20/11	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				

TABLE 2
SUMMARY OF 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	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				
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-4	03/09/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	06/08/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	09/19/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-4	12/20/11	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				

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Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
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				
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-5	03/09/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	06/08/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5	09/19/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-5		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				

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LEA COUNTY, NEW MEXICO
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All concentrations are in mg/L

Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
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-6	03/09/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-6	06/08/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-6	09/19/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-6	12/20/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-7	01/23/04	<0.00100	<0.00100	<0.00100	<0.00200	<0.00200
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				

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Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
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-7	03/09/11	0.01370	<0.00100	<0.00100	<0.00100	0.01370
MW-7	06/08/11	Not scheduled to sample 2nd quarter				
MW-7	09/19/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-7	12/20/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
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
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				

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Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
MW-8	03/09/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	06/08/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	09/19/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-8	12/20/11	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
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-9	03/09/11	0.00630	<0.00100	<0.00100	<0.00100	0.00630
MW-9	06/08/11	Not scheduled to sample 2nd quarter				
MW-9	09/19/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-9	12/20/11	0.00170	<0.00100	<0.00100	<0.00100	0.0017

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Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
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
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-10	03/09/11	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-10	06/08/11	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-10	09/19/11	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-10	12/20/11	**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

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LEA COUNTY, NEW MEXICO
TALON/LPE PROJECT NUMBER 700376.052.01

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Sample Location	Sample Date	Benzene	Toluene	Ethyl benzene	Xylene	Total BTEX
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				
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-11	03/09/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-11	06/08/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-11	09/19/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-11	12/20/11	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				

TABLE 2
SUMMARY OF 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-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-12	03/09/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	06/08/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	09/19/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-12	12/20/11	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
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

TABLE 2
SUMMARY OF 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	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-13	03/09/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	06/08/11	Not scheduled to sample 2nd quarter				
MW-13	09/19/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-13	12/20/11	0.00260	<0.00100	<0.00100	<0.00100	0.0026
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				
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				

TABLE 2
SUMMARY OF 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	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-14	03/09/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	06/08/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	09/19/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-14	12/20/11	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				

TABLE 2
SUMMARY OF 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	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				
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-15	03/09/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-15	06/08/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-15	09/19/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-15	12/20/11	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

TABLE 2
SUMMARY OF 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-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-16	03/09/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-16	06/08/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-16	09/19/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-16	12/20/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	07/19/04	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
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				

TABLE 2
SUMMARY OF 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	12/27/10	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	03/09/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	06/08/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	09/19/11	Not Sampled Due to Presence of Phase Separated Hydrocarbons				
MW-17	12/20/11	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
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-18	03/09/11	0.00810	<0.00100	<0.00100	<0.00100	0.00810
MW-18	06/08/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-18	09/19/11	0.0023	<0.00100	<0.00100	<0.00100	0.0023
MW-18	12/20/11	0.0051	<0.00100	<0.00100	<0.00100	0.0051
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

TABLE 2
SUMMARY OF 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-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-19	03/09/11	**0.0114**	<0.00100	<0.00100	<0.00100	0.0114
MW-19	06/08/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-19	09/19/11	**0.0328**	<0.00100	<0.00100	0.00610	0.0389
MW-19	12/20/11	**0.6500**	<0.00100	0.00320	0.01180	0.6650
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
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-20	03/09/11	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-20	06/08/11	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-20	09/19/11	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-20	12/20/12	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				

TABLE 2
SUMMARY OF 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-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-21	03/09/11	**15.6**	<0.100	**2.0**	**2.24**	19.80
MW-21	06/08/11	**16.6**	<0.100	**1.51**	**1.92**	20.03
MW-21	09/19/11	**16.4**	<0.100	**1.55**	0.46	18.41
MW-21	12/20/11	**11.8**	<0.0500	**1.10**	0.21	13.11
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
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-22	03/09/11	**5.77**	<0.0500	**0.780**	**0.969**	7.519
MW-22	06/08/11	**6.50**	<0.0500	<0.0500	<0.0500	6.5
MW-22	09/19/11	**5.07**	<0.0500	0.248	0.064	5.3820

TABLE 2
SUMMARY OF 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	12/20/11	2.47	<0.0500	0.0514	<0.0500	2.5214
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-23	03/09/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-23	06/08/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-23	09/19/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-23	12/20/11	<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				
MW-24	03/09/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-24	06/08/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-24	09/19/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
MW-24	12/20/11	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100

TABLE 2
SUMMARY OF 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-25	**Well Installed 12/14/2011**					
	12/20/12	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-26	**Well Installed 12/14/2011**					
	12/20/12	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
MW-27	**Well Installed 12/15/2011**					
	12/20/12	**Not Sampled Due to Presence of Phase Separated Hydrocarbons**				
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

TALON LPE

TABLE 3 - SUMMARY OF PAH (MONITOR WELLS NOT CONTAINING PSH)
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE - SRS# 2003-00017
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO
TALON /LPE PROJECT NUMBER 700376.0118.01

All concentrations are in mg/L

Sample Location	Sample Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]-anthracene	Benzo[a]-pyrene	Benzo[b]-fluoranthene	Benzo[g,h,i]-perylene	Benzo[k]-fluoranthene	Chrysene	Dibenzo[a,h]-anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno[1,2,3-cd]-pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Total Naphthalenes	Phenanthrene	Pyrene
MW-7	07/19/04	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	<0.00005
	05/23/05	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	<0.00005
	03/02/06	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	<0.00005	<0.00005	NA	NA	**0.00195**	**0.00195**	<0.00005	<0.00005
	03/28/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	NA	NA	<0.005	<0.005	<0.005	<0.005
	03/28/07	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-8	11/08/04	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	<0.00005
	05/23/05	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	<0.00005
	03/02/06	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	<0.00005	<0.00005	NA	NA	**0.0108**	**0.0108**	<0.00005	<0.00005
	03/28/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	NA	NA	<0.005	<0.005	<0.005	<0.005
	08/12/09	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	**0.00112**	<0.000186	<0.000186	<0.000186	<0.000186	**0.000263**	**0.000204**	**0.000467**	<0.000186	<0.000186
MW-9	07/19/04	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	<0.00005
	05/23/05	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	<0.00005
	03/02/06	Sample Container broke during transit																			
	06/01/06	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	<0.00005	<0.00005	NA	NA	0.00015	0.00015	<0.00005	<0.00005
	03/28/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	NA	NA	<0.005	<0.005	<0.005	<0.005
	08/12/09	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	**0.000190**	<0.000186	**0.000190**	<0.000186	<0.000186
MW-10	07/19/04	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	<0.00005
	05/23/05	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	<0.00005
	03/02/06	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	<0.00005	<0.00005	NA	NA	0.00294	0.00294	0.000778	<0.00005
	03/28/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	NA	NA	<0.005	<0.005	<0.005	<0.005

TABLE 3 - SUMMARY OF PAH (MONITOR WELLS NOT CONTAINING PSH)
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE - SRS# 2003-00017
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO
TALON /LPE PROJECT NUMBER 700376.0118.01

All concentrations are in mg/L

Sample Location	Sample Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]-anthracene	Benzo[a]-pyrene	Benzo[b]-fluoranthene	Benzo[g,h,i]-perylene	Benzo[k]-fluoranthene	Chrysene	Dibenzo[a,h]-anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno[1,2,,3-cd]-pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Total Naphthalenes	Phenanthrene	Pyrene
	08/21/08	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.000254	<0.000200	<0.000200	<0.000200	0.00181	<0.000200	<0.00200	<0.00200	<0.000200	<0.000200
	08/12/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	**0.000380**	<0.000185	<0.000185	<0.000185	**0.00497**	**0.00312**	**0.00492**	**0.01301**	<0.000185	<0.000185
MW-11	07/19/04	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	<0.00005	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	<0.00005
	05/23/05	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	**0.00006**	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	<0.00005
	03/02/06	<0.00005	0.000072	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	**0.597**	<0.00005	NA	NA	**0.0378**	**0.0378**	0.001	<0.00005
	03/28/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	NA	NA	**0.058**	**0.058**	<0.005	<0.005
MW-13	11/08/04	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	**0.00006**	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	<0.00005
	05/23/05	<0.00005	<0.00005	<0.00005	0.000071	<0.00005	0.000069	0.000062	0.000083	0.000096	0.000137	NA	<0.00005	**0.000056**	0.00007	NA	NA	<0.00005	<0.00005	<0.00005	<0.00005
	03/02/06	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	**0.00006**	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	<0.00005
	03/28/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	NA	NA	<0.005	<0.005	<0.005	<0.005
	08/12/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-15	07/19/04	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	**0.00006**	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	<0.00005
	05/23/05	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	**0.00006**	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	<0.00005
	03/02/06	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	**0.000286**	<0.00005	NA	NA	**0.0165**	**0.0165**	**0.000219**	<0.00005
MW-16	07/19/04	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	**0.00006**	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	<0.00005
	05/23/05	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	**0.00006**	<0.00005	NA	NA	<0.00005	<0.00005	<0.00005	<0.00005
	03/02/06	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	NA	<0.00005	**0.00006**	<0.00005	NA	NA	**0.000185**	**0.000185**	<0.00005	<0.00005
	03/28/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	NA	NA	<0.005	<0.005	<0.005	<0.005
	08/21/08	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
	08/12/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	**0.000377**	**0.000361**	**0.000255**	**0.000993**	<0.000185	<0.000185

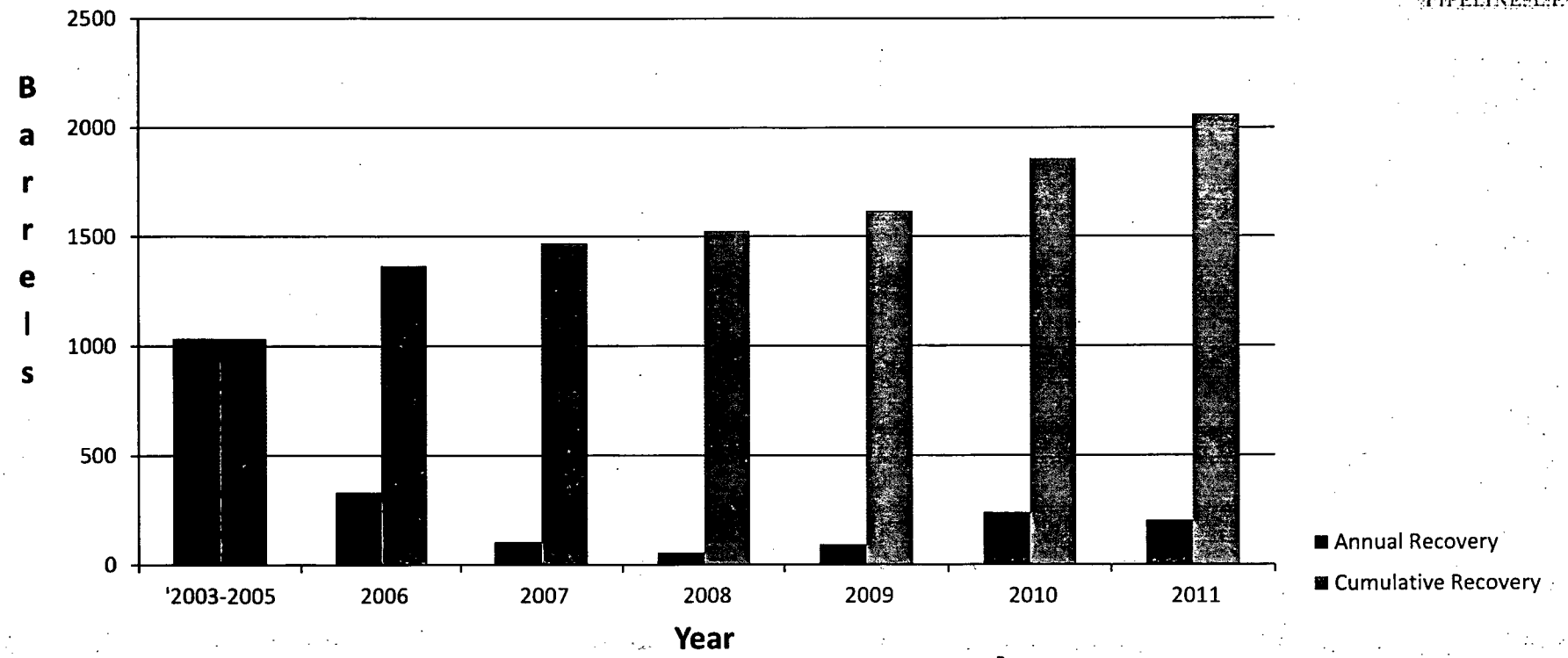
TABLE 3 - SUMMARY OF PAH (MONITOR WELLS NOT CONTAINING PSH)
PLAINS PIPELINE, L.P.
HOBBS JUNCTION MAINLINE - SRS# 2003-00017
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO
TALON /LPE PROJECT NUMBER 700376.0118.01

All concentrations are in mg/L

Sample Location	Sample Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]-anthracene	Benzo[a]-pyrene	Benzo[b]-fluoranthene	Benzo[g,h,i]-perylene	Benzo[k]-fluoranthene	Chrysene	Dibenzo[a,h]-anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno[1,2,3-cd]-pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Total Naphthalenes	Phenanthrene	Pyrene
MW-18	03/28/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	NA	NA	<0.005	<0.005	<0.005	<0.005
	08/21/08	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
	08/12/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-19	03/28/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	NA	NA	<0.005	<0.005	<0.005	<0.005
	08/21/08	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
	08/12/09	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186
MW-20	03/28/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	NA	NA	**0.056**	**0.056**	<0.005	<0.005
	08/21/08	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.00207	<0.000200	0.00125	<0.000200	**0.0232**	**0.0139**	**0.0323**	**0.0694**	0.00114	<0.000200
	08/12/09	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	**0.000588**	<0.000187	**0.000802**	**0.001390**	<0.000187	<0.000187
MW-21	08/21/08	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.00116**	<0.000200	<0.000200	<0.000200	0.000202	<0.000200
	08/12/09	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187	<0.000187
MW-22	08/21/08	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
	08/12/09	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188
MW-23	08/21/08	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
	08/12/09	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186
MW-24	08/21/08	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
	08/12/09	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186
NMWQCC Remedial Limits						0.007													0.030		

Bolded *values in red are in excess of the NMWQCC Remediation Thresholds*
Bolded *values inblack are in excess of the Laboratoryt Reporting Limits*
Analyzed by EPA Method 8270C

CHART 1 - PRODUCT REOVERY
PLAINS PIPELINE, L.P. - SRS# 2003-00017
HOBBS JUNCTION MAINLINE
NMOCD REF. # AP-054
LEA COUNTY, NEW MEXICO



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: March 24, 2011

Work Order: 11031015

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
260119	MW-7	water	2011-03-09	12:25	2011-03-10
260120	MW-9	water	2011-03-09	12:15	2011-03-10
260121	MW-13	water	2011-03-09	11:05	2011-03-10
260122	MW-18	water	2011-03-09	12:00	2011-03-10
260123	MW-19	water	2011-03-09	11:53	2011-03-10
260124	MW-21	water	2011-03-09	11:45	2011-03-10
260125	MW-22	water	2011-03-09	11:35	2011-03-10
260126	MW-23	water	2011-03-09	11:15	2011-03-10
260127	MW-24	water	2011-03-09	11:25	2011-03-10

Sample: 260119 - MW-7

Param	Flag	Result	Units	RL
Benzene		**0.0137**	mg/L	0.00100
Toluene		<0.00100	mg/L	0.00100
Ethylbenzene		<0.00100	mg/L	0.00100
Xylene		<0.00100	mg/L	0.00100
Total BTEX		**0.0137**	mg/L	0.00600

Sample: 260120 - MW-9

Param	Flag	Result	Units	RL
Benzene		**0.00630**	mg/L	0.00100
Toluene		<0.00100	mg/L	0.00100
Ethylbenzene		<0.00100	mg/L	0.00100

continued ...

sample 260120 continued ...

Param	Flag	Result	Units	RL
Xylene		<0.00100	mg/L	0.00100
Total BTEX		**0.00630**	mg/L	0.00600

Sample: 260121 - MW-13

Param	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.00100
Toluene		<0.00100	mg/L	0.00100
Ethylbenzene		<0.00100	mg/L	0.00100
Xylene		<0.00100	mg/L	0.00100
Total BTEX		<0.00600	mg/L	0.00600

Sample: 260122 - MW-18

Param	Flag	Result	Units	RL
Benzene		**0.00810**	mg/L	0.00100
Toluene		<0.00100	mg/L	0.00100
Ethylbenzene		<0.00100	mg/L	0.00100
Xylene		<0.00100	mg/L	0.00100
Total BTEX		**0.00810**	mg/L	0.00600

Sample: 260123 - MW-19

Param	Flag	Result	Units	RL
Benzene		**0.0114**	mg/L	0.00100
Toluene		<0.00100	mg/L	0.00100
Ethylbenzene		<0.00100	mg/L	0.00100
Xylene		<0.00100	mg/L	0.00100
Total BTEX		**0.0114**	mg/L	0.00600

Sample: 260124 - MW-21

Param	Flag	Result	Units	RL
Benzene		**15.6**	mg/L	0.00100
Toluene		<0.100	mg/L	0.00100
Ethylbenzene		**2.00**	mg/L	0.00100
Xylene		**2.24**	mg/L	0.00100
Total BTEX		**19.8**	mg/L	0.00600

Sample: 260125 - MW-22

Param	Flag	Result	Units	RL
Benzene		**5.77**	mg/L	0.00100
Toluene		<0.0500	mg/L	0.00100
Ethylbenzene		**0.780**	mg/L	0.00100
Xylene		**0.969**	mg/L	0.00100
Total BTEX		**7.52**	mg/L	0.00600

Sample: 260126 - MW-23

Param	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.00100
Toluene		<0.00100	mg/L	0.00100
Ethylbenzene		<0.00100	mg/L	0.00100
Xylene		<0.00100	mg/L	0.00100
Total BTEX		<0.00600	mg/L	0.00600

Sample: 260127 - MW-24

Param	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.00100
Toluene		<0.00100	mg/L	0.00100
Ethylbenzene		<0.00100	mg/L	0.00100
Xylene		<0.00100	mg/L	0.00100
Total BTEX		<0.00600	mg/L	0.00600

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: March 24, 2011

Work Order: 11031015

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
260119	MW-7	water	2011-03-09	12:25	2011-03-10
260120	MW-9	water	2011-03-09	12:15	2011-03-10
260121	MW-13	water	2011-03-09	11:05	2011-03-10
260122	MW-18	water	2011-03-09	12:00	2011-03-10
260123	MW-19	water	2011-03-09	11:53	2011-03-10
260124	MW-21	water	2011-03-09	11:45	2011-03-10
260125	MW-22	water	2011-03-09	11:35	2011-03-10
260126	MW-23	water	2011-03-09	11:15	2011-03-10
260127	MW-24	water	2011-03-09	11:25	2011-03-10

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 14 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 2011-03-10 and assigned to work order 11031015. Samples for work order 11031015 were received intact without headspace and at a temperature of 3.4 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	67298	2011-03-11 at 14:52	79310	2011-03-14 at 10:56
BTEX	S 8021B	67576	2011-03-21 at 14:22	79654	2011-03-21 at 14:22
BTEX	S 8021B	67614	2011-03-23 at 07:43	79701	2011-03-23 at 08:21
Total BTEX	S 8021B	67298	2011-03-11 at 14:52	79310	2011-03-14 at 10:56
Total BTEX	S 8021B	67576	2011-03-21 at 14:22	79654	2011-03-21 at 14:22
Total BTEX	S 8021B	67614	2011-03-23 at 07:43	79701	2011-03-23 at 08:21

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 11031015 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: 260119 - MW-7

Laboratory:	Midland				
Analysis:	BTEX, Total BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	79654	Date Analyzed:	2011-03-21	Analyzed By:	ME
Prep Batch:	67576	Sample Preparation:	2011-03-21	Prepared By:	ME

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.0137**	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
Total BTEX		**0.0137**	mg/L	1	0.00600

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[1]	0.0625	mg/L	1	0.100	62	67.8 - 129
4-Bromofluorobenzene (4-BFB)		0.0733	mg/L	1	0.100	73	51.1 - 128

Sample: 260120 - MW-9

Laboratory:	Midland				
Analysis:	BTEX, Total BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	79310	Date Analyzed:	2011-03-14	Analyzed By:	ME
Prep Batch:	67298	Sample Preparation:	2011-03-11	Prepared By:	ME

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.00630**	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
Total BTEX		**0.00630**	mg/L	1	0.00600

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0989	mg/L	1	0.100	99	67.8 - 129
4-Bromofluorobenzene (4-BFB)		0.0888	mg/L	1	0.100	89	51.1 - 128

[1]Surrogate out due to peak interference.

Sample: 260121 - MW-13

Laboratory:	Midland				
Analysis:	BTEX, Total BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	79310	Date Analyzed:	2011-03-14	Analyzed By:	ME
Prep Batch:	67298	Sample Preparation:	2011-03-11	Prepared By:	ME

Parameter	Flag	Result	RL	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
Total BTEX		<0.00600		mg/L	1	0.00600

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.100	mg/L	1	0.100	100	67.8 - 129
4-Bromofluorobenzene (4-BFB)		0.0886	mg/L	1	0.100	89	51.1 - 128

Sample: 260122 - MW-18

Laboratory:	Midland				
Analysis:	BTEX, Total BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	79310	Date Analyzed:	2011-03-14	Analyzed By:	ME
Prep Batch:	67298	Sample Preparation:	2011-03-11	Prepared By:	ME

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		**0.00810**		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
Total BTEX		**0.00810**		mg/L	1	0.00600

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0905	mg/L	1	0.100	90	67.8 - 129
4-Bromofluorobenzene (4-BFB)		0.0853	mg/L	1	0.100	85	51.1 - 128

Sample: 260123 - MW-19

Laboratory:	Midland				
Analysis:	BTEX, Total BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	79654	Date Analyzed:	2011-03-21	Analyzed By:	ME
Prep Batch:	67576	Sample Preparation:	2011-03-21	Prepared By:	ME

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.0114**	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
Total BTEX		**0.0114**	mg/L	1	0.00600

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.106	mg/L	1	0.100	106	67.8 - 129
4-Bromofluorobenzene (4-BFB)		0.127	mg/L	1	0.100	127	51.1 - 128

Sample: 260124 - MW-21

Laboratory:	Midland				
Analysis:	BTEX, Total BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	79701	Date Analyzed:	2011-03-23	Analyzed By:	ME
Prep Batch:	67614	Sample Preparation:	2011-03-23	Prepared By:	ME

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**15.6**	mg/L	100	0.00100
Toluene		<0.100	mg/L	100	0.00100
Ethylbenzene		**2.00**	mg/L	100	0.00100
Xylene		**2.24**	mg/L	100	0.00100
Total BTEX		**19.8**	mg/L	1	0.00600

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		11.0	mg/L	100	10.0	110	67.8 - 129
4-Bromofluorobenzene (4-BFB)		11.9	mg/L	100	10.0	119	51.1 - 128

Sample: 260125 - MW-22

Laboratory:	Midland				
Analysis:	BTEX, Total BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	79654	Date Analyzed:	2011-03-21	Analyzed By:	ME
Prep Batch:	67576	Sample Preparation:	2011-03-21	Prepared By:	ME

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**5.77**	mg/L	50	0.00100
Toluene		<0.0500	mg/L	50	0.00100
Ethylbenzene		**0.780**	mg/L	50	0.00100

continued ...

sample 260125 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Xylene		**0.969**	mg/L	50	0.00100
Total BTEX		**7.52**	mg/L	1	0.00600

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		4.82	mg/L	50	5.00	96	67.8 - 129
4-Bromofluorobenzene (4-BFB)		5.60	mg/L	50	5.00	112	51.1 - 128

Sample: 260126 - MW-23

Laboratory:	Midland				
Analysis:	BTEX, Total BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	79654	Date Analyzed:	2011-03-21	Analyzed By:	ME
Prep Batch:	67576	Sample Preparation:	2011-03-21	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
Total BTEX		<0.00600	mg/L	1	0.00600

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.105	mg/L	1	0.100	105	67.8 - 129
4-Bromofluorobenzene (4-BFB)	[2]	0.129	mg/L	1	0.100	129	51.1 - 128

Sample: 260127 - MW-24

Laboratory:	Midland				
Analysis:	BTEX, Total BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	79654	Date Analyzed:	2011-03-21	Analyzed By:	ME
Prep Batch:	67576	Sample Preparation:	2011-03-21	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

[2]High surrogate recovery. Sample non-detcct, result bias high.

continued ...

sample 260127 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Total BTEX		<0.00600	mg/L	1	0.00600

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.102	mg/L	1	0.100	102	67.8 - 129
4-Bromofluorobenzene (4-BFB)		0.124	mg/L	1	0.100	124	51.1 - 128

Method Blank (1) QC Batch: 79310

QC Batch: 79310 | Date Analyzed: 2011-03-14 | Analyzed By: ME
Prep Batch: 67298 | QC Preparation: 2011-03-11 | Prepared By: ME

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000400	mg/L	0.001
Toluene		<0.000300	mg/L	0.001
Ethylbenzene		<0.000300	mg/L	0.001
Xylene		<0.000333	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0859	mg/L	1	0.100	86	70.2 - 118
4-Bromofluorobenzene (4-BFB)		0.0832	mg/L	1	0.100	83	47.3 - 116

Method Blank (1) QC Batch: 79654

QC Batch: 79654 | Date Analyzed: 2011-03-21 | Analyzed By: ME
Prep Batch: 67576 | QC Preparation: 2011-03-21 | Prepared By: ME

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000400	mg/L	0.001
Toluene		<0.000300	mg/L	0.001
Ethylbenzene		<0.000300	mg/L	0.001
Xylene		<0.000333	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0916	mg/L	1	0.100	92	70.2 - 118
4-Bromofluorobenzene (4-BFB)		0.109	mg/L	1	0.100	109	47.3 - 116

Method Blank (1) QC Batch: 79701

QC Batch: 79701 | Date Analyzed: 2011-03-23 | Analyzed By: ME
Prep Batch: 67614 | QC Preparation: 2011-03-23 | Prepared By: ME

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000400	mg/L	0.001
Toluene		<0.000300	mg/L	0.001
Ethylbenzene		<0.000300	mg/L	0.001
Xylene		<0.000333	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0888	mg/L	1	0.100	89	70.2 - 118
4-Bromofluorobenzene (4-BFB)		0.0936	mg/L	1	0.100	94	47.3 - 116

Laboratory Control Spike (LCS-1)

QC Batch: 79310 | Date Analyzed: 2011-03-14 | Analyzed By: ME
Prep Batch: 67298 | QC Preparation: 2011-03-11 | Prepared By: ME

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.100	mg/L	1	0.100	<0.000400	100	76.8 - 110
Toluene	0.0982	mg/L	1	0.100	<0.000300	98	81 - 108
Ethylbenzene	0.0954	mg/L	1	0.100	<0.000300	95	78.8 - 118
Xylene	0.288	mg/L	1	0.300	<0.000333	96	80.3 - 119

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	0.0990	mg/L	1	0.100	<0.000400	99	76.8 - 110	1	20
Toluene	0.0983	mg/L	1	0.100	<0.000300	98	81 - 108	0	20
Ethylbenzene	0.0959	mg/L	1	0.100	<0.000300	96	78.8 - 118	0	20
Xylene	0.290	mg/L	1	0.300	<0.000333	97	80.3 - 119	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)	0.0873	0.0943	mg/L	1	0.100	87	94	66.6 - 114
4-Bromofluorobenzene (4-BFB)	0.0896	0.0975	mg/L	1	0.100	90	98	68.2 - 124

Laboratory Control Spike (LCS-1)

QC Batch: 79654 | Date Analyzed: 2011-03-21 | Analyzed By: ME
Prep Batch: 67576 | QC Preparation: 2011-03-21 | Prepared By: ME

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.0925	mg/L	1	0.100	<0.000400	92	76.8 - 110
Toluene	0.0997	mg/L	1	0.100	<0.000300	100	81 - 108
Ethylbenzene	0.112	mg/L	1	0.100	<0.000300	112	78.8 - 118
Xylene	0.340	mg/L	1	0.300	<0.000333	113	80.3 - 119

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	0.0979	mg/L	1	0.100	<0.000400	98	76.8 - 110	6	20
Toluene	0.106	mg/L	1	0.100	<0.000300	106	81 - 108	6	20
Ethylbenzene	0.116	mg/L	1	0.100	<0.000300	116	78.8 - 118	4	20
Xylene	0.358	mg/L	1	0.300	<0.000333	119	80.3 - 119	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)	0.0974	0.0863	mg/L	1	0.100	97	86	66.6 - 114
4-Bromofluorobenzene (4-BFB)	0.122	0.109	mg/L	1	0.100	122	109	68.2 - 124

Laboratory Control Spike (LCS-1)

QC Batch: 79701 | Date Analyzed: 2011-03-23 | Analyzed By: ME
Prep Batch: 67614 | QC Preparation: 2011-03-23 | Prepared By: ME

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.104	mg/L	1	0.100	<0.000400	104	76.8 - 110
Toluene	0.107	mg/L	1	0.100	<0.000300	107	81 - 108
Ethylbenzene	0.116	mg/L	1	0.100	<0.000300	116	78.8 - 118
Xylene	0.352	mg/L	1	0.300	<0.000333	117	80.3 - 119

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	0.0999	mg/L	1	0.100	<0.000400	100	76.8 - 110	4	20
Toluene	0.102	mg/L	1	0.100	<0.000300	102	81 - 108	5	20
Ethylbenzene	0.112	mg/L	1	0.100	<0.000300	112	78.8 - 118	4	20
Xylene	0.341	mg/L	1	0.300	<0.000333	114	80.3 - 119	3	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)	0.0954	0.102	mg/L	1	0.100	95	102	66.6 - 114
4-Bromofluorobenzene (4-BFB)	0.107	0.115	mg/L	1	0.100	107	115	68.2 - 124

Matrix Spike (MS-1) Spiked Sample: 260086

QC Batch: 79310 | Date Analyzed: 2011-03-14 | Analyzed By: ME
Prep Batch: 67298 | QC Preparation: 2011-03-11 | Prepared By: ME

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.473	mg/L	5	0.500	0.0392	87	77.9 - 114
Toluene	0.456	mg/L	5	0.500	<0.00150	91	78.3 - 111
Ethylbenzene	0.448	mg/L	5	0.500	<0.00150	90	75.3 - 110
Xylene	1.34	mg/L	5	1.50	0.0981	83	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	0.478	mg/L	5	0.500	0.0392	88	77.9 - 114	1	20
Toluene	0.461	mg/L	5	0.500	<0.00150	92	78.3 - 111	1	20
Ethylbenzene	0.444	mg/L	5	0.500	<0.00150	89	75.3 - 110	1	20
Xylene	1.34	mg/L	5	1.50	0.0981	83	75.7 - 109	0	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)	0.426	0.423	mg/L	5	0.5	85	85	68.3 - 107
4-Bromofluorobenzene (4-BFB)	0.434	0.436	mg/L	5	0.5	87	87	60.1 - 135

Matrix Spike (MS-1) Spiked Sample: 260125

QC Batch: 79654 | Date Analyzed: 2011-03-21 | Analyzed By: ME
Prep Batch: 67576 | QC Preparation: 2011-03-21 | Prepared By: ME

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	11.0	mg/L	50	5.00	5.7675	105	77.9 - 114
Toluene	5.15	mg/L	50	5.00	<0.0150	103	78.3 - 111
Ethylbenzene	6.20	mg/L	50	5.00	0.7803	108	75.3 - 110
Xylene	17.1	mg/L	50	15.0	0.9691	108	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		11.2	mg/L	50	5.00	5.7675	109	77.9 - 114	2	20
Toluene		5.27	mg/L	50	5.00	<0.0150	105	78.3 - 111	2	20
Ethylbenzene		6.28	mg/L	50	5.00	0.7803	110	75.3 - 110	1	20
Xylene	[3]	17.4	mg/L	50	15.0	0.9691	110	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)	4.96	5.00	mg/L	50	5	99	100	68.3 - 107
4-Bromofluorobenzene (4-BFB)	5.91	5.91	mg/L	50	5	118	118	60.1 - 135

Matrix Spike (MS-1) Spiked Sample: 260487

QC Batch: 79701 | Date Analyzed: 2011-03-23 | Analyzed By: ME
Prep Batch: 67614 | QC Preparation: 2011-03-23 | Prepared By: ME

Param		MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		20.3	mg/L	100	10.0	9.8547	104	77.9 - 114
Toluene		10.7	mg/L	100	10.0	<0.0300	107	78.3 - 111
Ethylbenzene	[4]	11.7	mg/L	100	10.0	<0.0300	117	75.3 - 110
Xylene	[5]	35.2	mg/L	100	30.0	<0.0333	117	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		19.8	mg/L	100	10.0	9.8547	99	77.9 - 114	2	20
Toluene		10.4	mg/L	100	10.0	<0.0300	104	78.3 - 111	3	20
Ethylbenzene	[6]	11.4	mg/L	100	10.0	<0.0300	114	75.3 - 110	3	20
Xylene	[7]	34.3	mg/L	100	30.0	<0.0333	114	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)	9.86	9.62	mg/L	100	10	99	96	68.3 - 107
4-Bromofluorobenzene (4-BFB)	11.5	11.2	mg/L	100	10	115	112	60.1 - 135

[3]MSD analyte out of range. MS/MSD has a RPD within limits. Therfore, MS shows extraction occured properly.
[4]Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.
[5]Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.
[6]Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.
[7]Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.

Standard (CCV-2)

QC Batch: 79310 Date Analyzed: 2011-03-14 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	0.0963	96	80 - 120	2011-03-14
Toluene		mg/L	0.100	0.0946	95	80 - 120	2011-03-14
Ethylbenzene		mg/L	0.100	0.0928	93	80 - 120	2011-03-14
Xylene		mg/L	0.300	0.275	92	80 - 120	2011-03-14

Standard (CCV-3)

QC Batch: 79310 Date Analyzed: 2011-03-14 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	0.0979	98	80 - 120	2011-03-14
Toluene		mg/L	0.100	0.0962	96	80 - 120	2011-03-14
Ethylbenzene		mg/L	0.100	0.0940	94	80 - 120	2011-03-14
Xylene		mg/L	0.300	0.281	94	80 - 120	2011-03-14

Standard (CCV-1)

QC Batch: 79654 Date Analyzed: 2011-03-21 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	0.0989	99	80 - 120	2011-03-21
Toluene		mg/L	0.100	0.105	105	80 - 120	2011-03-21
Ethylbenzene		mg/L	0.100	0.118	118	80 - 120	2011-03-21
Xylene		mg/L	0.300	0.359	120	80 - 120	2011-03-21

Standard (CCV-2)

QC Batch: 79654 Date Analyzed: 2011-03-21 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	0.0898	90	80 - 120	2011-03-21
Toluene		mg/L	0.100	0.0960	96	80 - 120	2011-03-21
Ethylbenzene		mg/L	0.100	0.106	106	80 - 120	2011-03-21

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	0.322	107	80 - 120	2011-03-21

Standard (CCV-3)

QC Batch: 79654 Date Analyzed: 2011-03-21 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	0.100	100	80 - 120	2011-03-21
Toluene		mg/L	0.100	0.104	104	80 - 120	2011-03-21
Ethylbenzene		mg/L	0.100	0.113	113	80 - 120	2011-03-21
Xylene		mg/L	0.300	0.346	115	80 - 120	2011-03-21

Standard (CCV-2)

QC Batch: 79701 Date Analyzed: 2011-03-23 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	0.100	100	80 - 120	2011-03-23
Toluene		mg/L	0.100	0.103	103	80 - 120	2011-03-23
Ethylbenzene		mg/L	0.100	0.112	112	80 - 120	2011-03-23
Xylene		mg/L	0.300	0.342	114	80 - 120	2011-03-23

Standard (CCV-3)

QC Batch: 79701 Date Analyzed: 2011-03-23 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	0.104	104	80 - 120	2011-03-23
Toluene		mg/L	0.100	0.106	106	80 - 120	2011-03-23
Ethylbenzene		mg/L	0.100	0.114	114	80 - 120	2011-03-23
Xylene		mg/L	0.300	0.346	115	80 - 120	2011-03-23

LAB Order ID # 1103015

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

Invoice to: (If different from above)

Project #: 700376.052.01 — Project Name: Hobbs Junction mainline

Project Location (including state): Hobbs, NM — 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
26019	MW-7	3	40z	X				X				X		3-9-11	1225
120	MW-9														1215
121	MW-13														1105
122	MW-18														1200
123	MW-19														1153
124	MW-21														1145
125	MW-22														1135
126	MW-23														1115
127	MW-24														1125

Analysis	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, SO4, NO3, NO2, Alkalinity	Na, Ca, Mg, K, TDS, EC			Turn Around Time if different from standard	Hold
	X	X																				

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
	Talon/LPE	3-10-11	845		Trace	3/10/11	8:45	INST ___ OBS 34 °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

Carrier # Courier

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

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LAB Order ID # 1103015

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 #: 806-467-0467

Address: (Street, City, Zip) 2901 State Hwy 349

Fax #:

Contact Person: Steven Killingsworth

E-mail: skillingsworth@talonlpe.com

Invoice to: (If different from above)

Project #: 700376.052.01

Project Name: Hobbs Junction mainline

Project Location (Including state): Hobbs, NM

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
260119	MW-7	3	40z	X				X				X		3-9-11	1225
120	MW-9														1215
121	MW-13														1105
122	MW-18														1200
123	MW-19														1153
124	MW-21														1145
125	MW-22														1135
126	MW-23														1115
127	MW-24	↓	↓	↓				↓				↓		↓	1125

ANALYSIS REQUEST columns: 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, SO4, NO3, NO2, Alkalinity; Na, Ca, Mg, K, TDS, EC; Turn Around Time if different from standard; Hold

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
	Talon/PC	3-10-11	845		Trace	3/10/11	8:45	INST ___ OBS 34 °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

Initial 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

Carrier # Courier

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Summary Report

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

Report Date: June 13, 2011

Work Order: 11060835

Project Location: Hobbs, NM
Project Name: Hobbs Junction Mainline
Project Number: 700376.052.01
SRS#: 2003-0017

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
268616	MW-18	water	2011-06-08	13:07	2011-06-08
268617	MW-19	water	2011-06-08	13:16	2011-06-08
268618	MW-21	water	2011-06-08	13:30	2011-06-08
268619	MW-22	water	2011-06-08	13:22	2011-06-08
268620	MW-23	water	2011-06-08	12:37	2011-06-08
268621	MW-24	water	2011-06-08	12:53	2011-06-08

	BTEX			
Sample - Field Code	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
268616 - MW-18	<0.00100	<0.00100	<0.00100	<0.00100
268617 - MW-19	<0.00100	<0.00100	<0.00100	<0.00100
268618 - MW-21	**16.6**	<0.100	**1.51**	**1.92**
268619 - MW-22	**6.50**	<0.0500	<0.0500	<0.0500
268620 - MW-23	<0.00100	<0.00100	<0.00100	<0.00100
268621 - 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: June 13, 2011

Work Order: 11060835

Project Location: Hobbs, NM
Project Name: Hobbs Junction Mainline
Project Number: 700376.052.01
SRS#: 2003-0017

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
268616	MW-18	water	2011-06-08	13:07	2011-06-08
268617	MW-19	water	2011-06-08	13:16	2011-06-08
268618	MW-21	water	2011-06-08	13:30	2011-06-08
268619	MW-22	water	2011-06-08	13:22	2011-06-08
268620	MW-23	water	2011-06-08	12:37	2011-06-08
268621	MW-24	water	2011-06-08	12:53	2011-06-08

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(cs) in which your sample(s) were analyzed.

This report consists of a total of 9 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 2011-06-08 and assigned to work order 11060835. Samples for work order 11060835 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	69723	2011-06-10 at 11:17	82117	2011-06-10 at 11:17

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 11060835 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: 268616 - MW-18

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	82117	Date Analyzed:	2011-06-10	Analyzed By:	ME
Prep Batch:	69723	Sample Preparation:	2011-06-10	Prepared By:	ME

Parameter	Flag	Result	RL	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	67.8 - 129
4-Bromofluorobenzene (4-BFB)		0.0869	mg/L	1	0.100	87	51.1 - 128

Sample: 268617 - MW-19

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	82117	Date Analyzed:	2011-06-10	Analyzed By:	ME
Prep Batch:	69723	Sample Preparation:	2011-06-10	Prepared By:	ME

Parameter	Flag	Result	RL	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)		0.0929	mg/L	1	0.100	93	67.8 - 129
4-Bromofluorobenzene (4-BFB)		0.0886	mg/L	1	0.100	89	51.1 - 128

Sample: 268618 - MW-21

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	82117	Date Analyzed:	2011-06-10	Analyzed By:	ME
Prep Batch:	69723	Sample Preparation:	2011-06-10	Prepared By:	ME

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**16.6**	mg/L	100	0.00100
Toluene		<0.100	mg/L	100	0.00100
Ethylbenzene		**1.51**	mg/L	100	0.00100
Xylene		**1.92**	mg/L	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		7.88	mg/L	100	10.0	79	67.8 - 129
4-Bromofluorobenzene (4-BFB)		7.43	mg/L	100	10.0	74	51.1 - 128

Sample: 268619 - MW-22

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	82117	Date Analyzed:	2011-06-10	Analyzed By:	ME
Prep Batch:	69723	Sample Preparation:	2011-06-10	Prepared By:	ME

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**6.50**	mg/L	50	0.00100
Toluene		<0.0500	mg/L	50	0.00100
Ethylbenzene		<0.0500	mg/L	50	0.00100
Xylene		<0.0500	mg/L	50	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		3.83	mg/L	50	5.00	77	67.8 - 129
4-Bromofluorobenzene (4-BFB)		3.69	mg/L	50	5.00	74	51.1 - 128

Sample: 268620 - MW-23

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	82117	Date Analyzed:	2011-06-10	Analyzed By:	ME
Prep Batch:	69723	Sample Preparation:	2011-06-10	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)		0.0896	mg/L	1	0.100	90	67.8 - 129
4-Bromofluorobenzene (4-BFB)		0.0844	mg/L	1	0.100	84	51.1 - 128

Sample: 268621 - MW-24

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	82117	Date Analyzed:	2011-06-10	Analyzed By:	ME
Prep Batch:	69723	Sample Preparation:	2011-06-10	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)		0.0919	mg/L	1	0.100	92	67.8 - 129
4-Bromofluorobenzene (4-BFB)		0.0882	mg/L	1	0.100	88	51.1 - 128

Method Blank (1) QC Batch: 82117

QC Batch:	82117	Date Analyzed:	2011-06-10	Analyzed By:	ME
Prep Batch:	69723	QC Preparation:	2011-06-10	Prepared By:	ME

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000400	mg/L	0.001
Toluene		<0.000300	mg/L	0.001
Ethylbenzene		<0.000300	mg/L	0.001
Xylene		<0.000333	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0854	mg/L	1	0.100	85	70.2 - 118
4-Bromofluorobenzene (4-BFB)		0.0804	mg/L	1	0.100	80	47.3 - 116

Laboratory Control Spike (LCS-1)

QC Batch: 82117 | Date Analyzed: 2011-06-10 | Analyzed By: ME
Prep Batch: 69723 | QC Preparation: 2011-06-10 | Prepared By: ME

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.101	mg/L	1	0.100	<0.000400	101	76.8 - 110
Toluene	0.113	mg/L	1	0.100	<0.000300	113	81 - 118
Ethylbenzene	0.0965	mg/L	1	0.100	<0.000300	96	78.8 - 118
Xylene	0.290	mg/L	1	0.300	<0.000333	97	80.3 - 119

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	0.106	mg/L	1	0.100	<0.000400	106	76.8 - 110	5	20
Toluene	0.117	mg/L	1	0.100	<0.000300	117	81 - 118	4	20
Ethylbenzene	0.101	mg/L	1	0.100	<0.000300	101	78.8 - 118	5	20
Xylene	0.303	mg/L	1	0.300	<0.000333	101	80.3 - 119	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)	0.0860	0.0820	mg/L	1	0.100	86	82	66.6 - 114
4-Bromofluorobenzene (4-BFB)	0.0875	0.0814	mg/L	1	0.100	88	81	68.2 - 124

Matrix Spike (MS-1) Spiked Sample: 268618

QC Batch: 82117 | Date Analyzed: 2011-06-10 | Analyzed By: ME
Prep Batch: 69723 | QC Preparation: 2011-06-10 | Prepared By: ME

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	26.3	mg/L	100	10.0	16.5533	97	77.9 - 114
Toluene	10.5	mg/L	100	10.0	<0.0300	105	78.3 - 111
Ethylbenzene	10.2	mg/L	100	10.0	1.5127	87	75.3 - 110
Xylene	27.5	mg/L	100	30.0	1.9243	85	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		27.1	mg/L	100	10.0	16.5533	105	77.9 - 114	3	20
Toluene	[1]	11.3	mg/L	100	10.0	<0.0300	113	78.3 - 111	7	20
Ethylbenzene		11.0	mg/L	100	10.0	1.5127	95	75.3 - 110	8	20

continued ...

[1]MSD analyte out of range. MS/MSD has a RPD within limits. Therfore, MS shows extraction occured properly.

matrix spikes continued ...

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Xylene	29.8	mg/L	100	30.0	1.9243	93	75.7 - 109	8	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)	7.56	8.58	mg/L	100	10	76	86	68.3 - 107
4-Bromofluorobenzene (4-BFB)	7.48	8.64	mg/L	100	10	75	86	60.1 - 135

Standard (CCV-1)

QC Batch: 82117 Date Analyzed: 2011-06-10 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	0.0966	97	80 - 120	2011-06-10
Toluene		mg/L	0.100	0.107	107	80 - 120	2011-06-10
Ethylbenzene		mg/L	0.100	0.0867	87	80 - 120	2011-06-10
Xylene		mg/L	0.300	0.266	89	80 - 120	2011-06-10

Standard (CCV-2)

QC Batch: 82117 Date Analyzed: 2011-06-10 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	0.104	104	80 - 120	2011-06-10
Toluene		mg/L	0.100	0.114	114	80 - 120	2011-06-10
Ethylbenzene		mg/L	0.100	0.0971	97	80 - 120	2011-06-10
Xylene		mg/L	0.300	0.290	97	80 - 120	2011-06-10

Standard (CCV-3)

QC Batch: 82117 Date Analyzed: 2011-06-10 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	0.102	102	80 - 120	2011-06-10
Toluene		mg/L	0.100	0.112	112	80 - 120	2011-06-10
Ethylbenzene		mg/L	0.100	0.0966	97	80 - 120	2011-06-10

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	0.290	97	80 - 120	2011-06-10

LAB Order ID # 11060835

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-
Address: (Street, City, Zip) 2901 State Hwy 349, Midland
Fax #:
Contact Person: Steve Killingsworth
E-mail: skillingsworth@talonlpe.com
Invoice to: (If different from above) Plains 2003-00017
Project #: 700376.052.01
Project Name: Hobbs Junctions Mainline
Project Location (including state): Hobbs, NM
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, SO4, NO3, NO2, Alkalinity	Na, Ca, Mg, K, TDS, EC					Turn Around Time if different from standard	Hold
260616	MW-18	3	40z	X				X				X		6/8/11	1307		X																						
617	MW-19	↓	↓	↓				↓				↓		↓	1316		↓																						
618	MW-21														1330																								
619	MW-22														1322																								
620	MW-23														1237																								
621	MW-24	↓	↓	↓				↓				↓		↓	1253		↓																						

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
	Talon LPE	6/8/11	1620		T/A	6/8/11	16:20	INST OBS 4.0 °C COR °C
								INST OBS °C COR °C
								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.

Carrier # Carry

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LAB Order: 1106O835

Page 1 of 1

TraceAnalysis, Inc.

email: lab@traceanalysis.com

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200 East Sunset Rd., Suite E
El Paso, Texas 79922
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BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750

Company Name: Talon LPE
Phone #: 432-

Address: (Street, City, Zip) 2901 State Hwy 349, Midland
Fax #:

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

Invoice to: (If different from above) Plains 2003-00017

Project #: 700376.052.01
Project Name: Hobbs Junction Mainline

Project Location (including state): Hobbs, NM
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
21886616	MW-18	3	40Z	X				X				X		6/3/11	1307
617	MW-19														1316
618	MW-21														1330
619	MW-22														1322
620	MW23														1237
621	MW-24														1253

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, SO4, NO3, NO2, Alkalinity	Na, Ca, Mg, K, TDS, EC	Turn Around Time if different from standard	Hold
	X																			

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST / OBS / COR
[signature]	Talon LPE	6/8/11	1620	[signature]	T/A	6/8/11	16:20	INST 4.0 °C / OBS °C / COR °C
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST / OBS / COR
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST / OBS / COR

LAB USE ONLY
Intact Y N
Headspace Y N NA
Log-in-Review [signature]

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.

Carrier # Carry

ORIGINAL COPY

Summary Report

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

Report Date: September 23, 2011

Work Order: 11092101

Project Location: Hobbs, NM
Project Name: Hobbs Junction Mainline
Project Number: 700376.052.01
SRS#: 2003-0017

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
277900	MW-7	water	2011-09-19	00:00	2011-09-20
277901	MW-9	water	2011-09-19	00:00	2011-09-20
277902	MW-13	water	2011-09-19	00:00	2011-09-20
277903	MW-18	water	2011-09-19	00:00	2011-09-20
277904	MW-19	water	2011-09-19	00:00	2011-09-20
277905	MW-21	water	2011-09-19	00:00	2011-09-20
277906	MW-22	water	2011-09-19	00:00	2011-09-20
277907	MW-23	water	2011-09-19	00:00	2011-09-20
277908	MW-24	water	2011-09-19	00:00	2011-09-20

	BTEX				Total BTEX
Sample - Field Code	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)	Total BTEX (mg/L)
277900 - MW-7	<0.00100 Q_r,Q_s	<0.00100 Q_r,Q_s	<0.00100 Q_r,Q_s	<0.00100 Q_r,Q_s	<0.00600
277901 - MW-9	<0.00100 Q_r,Q_s	<0.00100 Q_r,Q_s	<0.00100 Q_r,Q_s	<0.00100 Q_r,Q_s	<0.00600
277902 - MW-13	<0.00100 Q_r,Q_s	<0.00100 Q_r,Q_s	<0.00100 Q_r,Q_s	<0.00100 Q_r,Q_s	<0.00600
277903 - MW-18	**0.00230** Q_r,Q_s	<0.00100 Q_r,Q_s	<0.00100 Q_r,Q_s	<0.00100 Q_r,Q_s	<0.00600
277904 - MW-19	**0.0328** Q_r,Q_s	<0.00100 Q_r,Q_s	<0.00100 Q_r,Q_s	**0.00610** Q_r,Q_s	**0.0390**
277905 - MW-21	**16.4**	<0.100	**1.55**	**0.460**	**18.4**
277906 - MW-22	**5.07**	<0.0500	**0.248**	**0.0640**	**5.38**
277907 - MW-23	<0.00100	<0.00100	<0.00100	<0.00100	<0.00600
277908 - MW-24	<0.00100	<0.00100	<0.00100	<0.00100	<0.00600

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

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

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

Report Date: September 23, 2011

Work Order: 11092101

Project Location: Hobbs, NM
Project Name: Hobbs Junction Mainline
Project Number: 700376.052.01
SRS#: 2003-0017

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
277900	MW-7	water	2011-09-19	00:00	2011-09-20
277901	MW-9	water	2011-09-19	00:00	2011-09-20
277902	MW-13	water	2011-09-19	00:00	2011-09-20
277903	MW-18	water	2011-09-19	00:00	2011-09-20
277904	MW-19	water	2011-09-19	00:00	2011-09-20
277905	MW-21	water	2011-09-19	00:00	2011-09-20
277906	MW-22	water	2011-09-19	00:00	2011-09-20
277907	MW-23	water	2011-09-19	00:00	2011-09-20
277908	MW-24	water	2011-09-19	00:00	2011-09-20

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.

Blair Leftwich

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

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Case Narrative

Samples for project Hobbs Junction Mainline were received by TraceAnalysis, Inc. on 2011-09-20 and assigned to work order 11092101. Samples for work order 11092101 were received intact without headspace and at a temperature of 3.7 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	72106	2011-09-21 at 09:55	84885	2011-09-21 at 09:55
BTEX	S 8021B	72131	2011-09-22 at 11:42	84933	2011-09-22 at 11:42
Total BTEX	S 8021B	72106	2011-09-21 at 09:55	84885	2011-09-21 at 09:55
Total BTEX	S 8021B	72131	2011-09-22 at 11:42	84933	2011-09-22 at 11:42

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 11092101 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: 277900 - MW-7

Laboratory:	Lubbock				
Analysis:	BTEX, Total BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	84885	Date Analyzed:	2011-09-21	Analyzed By:	MT
Prep Batch:	72106	Sample Preparation:	2011-09-21	Prepared By:	MT

Parameter	Flag	Cert	Result	RL Units	Dilution	RL
Benzene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Toluene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Xylene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Total BTEX			<0.00600	mg/L	1	0.00600

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.107	mg/L	1	0.100	107	70 - 130
4-Bromofluorobenzene (4-BFB)			0.109	mg/L	1	0.100	109	70 - 130

Sample: 277901 - MW-9

Laboratory:	Lubbock				
Analysis:	BTEX, Total BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	84885	Date Analyzed:	2011-09-21	Analyzed By:	MT
Prep Batch:	72106	Sample Preparation:	2011-09-21	Prepared By:	MT

Parameter	Flag	Cert	Result	RL Units	Dilution	RL
Benzene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Toluene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Xylene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Total BTEX			<0.00600	mg/L	1	0.00600

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.110	mg/L	1	0.100	110	70 - 130
4-Bromofluorobenzene (4-BFB)			0.110	mg/L	1	0.100	110	70 - 130

Sample: 277902 - MW-13

Laboratory:	Lubbock				
Analysis:	BTEX, Total BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	84885	Date Analyzed:	2011-09-21	Analyzed By:	MT
Prep Batch:	72106	Sample Preparation:	2011-09-21	Prepared By:	MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Toluene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Xylene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Total BTEX			<0.00600	mg/L	1	0.00600

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.109	mg/L	1	0.100	109	70 - 130
4-Bromofluorobenzene (4-BFB)			0.107	mg/L	1	0.100	107	70 - 130

Sample: 277903 - MW-18

Laboratory:	Lubbock				
Analysis:	BTEX, Total BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	84885	Date Analyzed:	2011-09-21	Analyzed By:	MT
Prep Batch:	72106	Sample Preparation:	2011-09-21	Prepared By:	MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr,Qs	1	**0.00230**	mg/L	1	0.00100
Toluene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Xylene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Total BTEX			<0.00600	mg/L	1	0.00600

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.110	mg/L	1	0.100	110	70 - 130
4-Bromofluorobenzene (4-BFB)			0.109	mg/L	1	0.100	109	70 - 130

Sample: 277904 - MW-19

Laboratory:	Lubbock				
Analysis:	BTEX, Total BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	84885	Date Analyzed:	2011-09-21	Analyzed By:	MT
Prep Batch:	72106	Sample Preparation:	2011-09-21	Prepared By:	MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr,Qs	1	**0.0328**	mg/L	1	0.00100
Toluene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Xylene	Qr,Qs	1	**0.00610**	mg/L	1	0.00100
Total BTEX			**0.0390**	mg/L	1	0.00600

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0975	mg/L	1	0.100	98	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0992	mg/L	1	0.100	99	70 - 130

Sample: 277905 - MW-21

Laboratory:	Lubbock				
Analysis:	BTEX, Total BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	84933	Date Analyzed:	2011-09-22	Analyzed By:	MT
Prep Batch:	72131	Sample Preparation:	2011-09-22	Prepared By:	MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	**16.4**	mg/L	100	0.00100
Toluene	U	1	<0.100	mg/L	100	0.00100
Ethylbenzene		1	**1.55**	mg/L	100	0.00100
Xylene		1	**0.460**	mg/L	100	0.00100
Total BTEX			**18.4**	mg/L	100	0.00600

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			9.47	mg/L	100	10.0	95	70 - 130
4-Bromofluorobenzene (4-BFB)			9.58	mg/L	100	10.0	96	70 - 130

Sample: 277906 - MW-22

Laboratory:	Lubbock				
Analysis:	BTEX, Total BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	84933	Date Analyzed:	2011-09-22	Analyzed By:	MT
Prep Batch:	72131	Sample Preparation:	2011-09-22	Prepared By:	MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene		1	**5.07**	mg/L	50	0.00100
Toluene	U	1	<0.0500	mg/L	50	0.00100
Ethylbenzene		1	**0.248**	mg/L	50	0.00100
Xylene		1	**0.0640**	mg/L	50	0.00100
Total BTEX			**5.38**	mg/L	50	0.00600

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.37	mg/L	50	5.00	87	70 - 130
4-Bromofluorobenzene (4-BFB)			4.49	mg/L	50	5.00	90	70 - 130

Sample: 277907 - MW-23

Laboratory:	Lubbock				
Analysis:	BTEX, Total BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	84933	Date Analyzed:	2011-09-22	Analyzed By:	MT
Prep Batch:	72131	Sample Preparation:	2011-09-22	Prepared By:	MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1	<0.00100	mg/L	1	0.00100
Toluene	U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1	<0.00100	mg/L	1	0.00100
Xylene	U	1	<0.00100	mg/L	1	0.00100
Total BTEX			<0.00600	mg/L	1	0.00600

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0928	mg/L	1	0.100	93	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0981	mg/L	1	0.100	98	70 - 130

Sample: 277908 - MW-24

Laboratory:	Lubbock				
Analysis:	BTEX, Total BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	84933	Date Analyzed:	2011-09-22	Analyzed By:	MT
Prep Batch:	72131	Sample Preparation:	2011-09-22	Prepared By:	MT

Parameter	Flag	Cert	RL Result	Units	Dilution	RL
Benzene	U	1	<0.00100	mg/L	1	0.00100
Toluene	U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	1	<0.00100	mg/L	1	0.00100
Xylene	U	1	<0.00100	mg/L	1	0.00100
Total BTEX			<0.00600	mg/L	1	0.00600

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0938	mg/L	1	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0994	mg/L	1	0.100	99	70 - 130

Method Blanks

Method Blank (1) QC Batch: 84885

QC Batch: 84885 | Date Analyzed: 2011-09-21 | Analyzed By: MT
Prep Batch: 72106 | QC Preparation: 2011-09-21 | Prepared By: MT

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000765	mg/L	0.001
Toluene		1	<0.000719	mg/L	0.001
Ethylbenzene		1	<0.000860	mg/L	0.001
Xylene		1	<0.000942	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.109	mg/L	1	0.100	109	70 - 130
4-Bromofluorobenzene (4-BFB)			0.108	mg/L	1	0.100	108	70 - 130

Method Blank (1) QC Batch: 84933

QC Batch: 84933 | Date Analyzed: 2011-09-22 | Analyzed By: MT
Prep Batch: 72131 | QC Preparation: 2011-09-22 | Prepared By: MT

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000743	mg/L	0.001
Toluene		1	<0.000671	mg/L	0.001
Ethylbenzene		1	<0.000923	mg/L	0.001
Xylene		1	<0.000838	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0884	mg/L	1	0.100	88	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0943	mg/L	1	0.100	94	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 84885 | Date Analyzed: 2011-09-21 | Analyzed By: MT
Prep Batch: 72106 | QC Preparation: 2011-09-21 | Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.102	mg/L	1	0.100	<0.000765	102	70 - 130
Toluene		1	0.102	mg/L	1	0.100	<0.000719	102	70 - 130
Ethylbenzene		1	0.103	mg/L	1	0.100	<0.000860	103	70 - 130
Xylene		1	0.306	mg/L	1	0.300	<0.000942	102	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0993	mg/L	1	0.100	<0.000765	99	70 - 130	3	20
Toluene		1	0.101	mg/L	1	0.100	<0.000719	101	70 - 130	1	20
Ethylbenzene		1	0.101	mg/L	1	0.100	<0.000860	101	70 - 130	2	20
Xylene		1	0.303	mg/L	1	0.300	<0.000942	101	70 - 130	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)	0.0955	0.103	mg/L	1	0.100	96	103	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0956	0.103	mg/L	1	0.100	96	103	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 84933 | Date Analyzed: 2011-09-22 | Analyzed By: MT
Prep Batch: 72131 | QC Preparation: 2011-09-22 | Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.101	mg/L	1	0.100	<0.000743	101	70 - 130
Toluene		1	0.0984	mg/L	1	0.100	<0.000671	98	70 - 130
Ethylbenzene		1	0.102	mg/L	1	0.100	<0.000923	102	70 - 130
Xylene		1	0.306	mg/L	1	0.300	<0.000838	102	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0987	mg/L	1	0.100	<0.000743	99	70 - 130	2	20
Toluene		1	0.0986	mg/L	1	0.100	<0.000671	99	70 - 130	0	20
Ethylbenzene		1	0.0985	mg/L	1	0.100	<0.000923	98	70 - 130	4	20
Xylene		1	0.298	mg/L	1	0.300	<0.000838	99	70 - 130	3	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)	0.0925	0.0981	mg/L	1	0.100	92	98	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0945	0.0931	mg/L	1	0.100	94	93	70 - 130

Matrix Spike (MS-1) Spiked Sample: 277900

QC Batch: 84885 | Date Analyzed: 2011-09-21 | Analyzed By: MT
Prep Batch: 72106 | QC Preparation: 2011-09-21 | Prepared By: MT

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	Qs	1	0.0676	mg/L	1	0.100	<0.000765	68	70 - 130
Toluene	Qs	1	0.0663	mg/L	1	0.100	<0.000719	66	70 - 130
Ethylbenzene	Qs	1	0.0665	mg/L	1	0.100	<0.000860	66	70 - 130
Xylene	Qs	1	0.200	mg/L	1	0.300	<0.000942	67	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	Qr	1	0.102	mg/L	1	0.100	<0.000765	102	70 - 130	41	20
Toluene	Qr	1	0.102	mg/L	1	0.100	<0.000719	102	70 - 130	42	20
Ethylbenzene	Qr	1	0.103	mg/L	1	0.100	<0.000860	103	70 - 130	43	20
Xylene	Qr	1	0.307	mg/L	1	0.300	<0.000942	102	70 - 130	42	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)	0.109	0.103	mg/L	1	0.1	109	103	70 - 130
4-Bromofluorobenzene (4-BFB)	0.106	0.103	mg/L	1	0.1	106	103	70 - 130

Matrix Spike (MS-1) Spiked Sample: 277905

QC Batch: 84933 | Date Analyzed: 2011-09-22 | Analyzed By: MT
Prep Batch: 72131 | QC Preparation: 2011-09-22 | Prepared By: MT

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	25.4	mg/L	100	10.0	16.4	90	70 - 130
Toluene		1	10.0	mg/L	100	10.0	<0.0671	100	70 - 130
Ethylbenzene		1	11.5	mg/L	100	10.0	1.55	100	70 - 130
Xylene		1	31.0	mg/L	100	30.0	0.46	102	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	25.8	mg/L	100	10.0	16.4	94	70 - 130	2	20
Toluene		1	9.80	mg/L	100	10.0	<0.0671	98	70 - 130	2	20
Ethylbenzene		1	11.7	mg/L	100	10.0	1.55	102	70 - 130	2	20
Xylene		1	31.1	mg/L	100	30.0	0.46	102	70 - 130	0	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)	9.88	9.46	mg/L	100	10	99	95	70 - 130
4-Bromofluorobenzene (4-BFB)	9.49	9.18	mg/L	100	10	95	92	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 84885 | Date Analyzed: 2011-09-21 | Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.106	106	80 - 120	2011-09-21
Toluene		1	mg/L	0.100	0.0897	90	80 - 120	2011-09-21
Ethylbenzene		1	mg/L	0.100	0.0915	92	80 - 120	2011-09-21
Xylene		1	mg/L	0.300	0.277	92	80 - 120	2011-09-21

Standard (CCV-2)

QC Batch: 84885 | Date Analyzed: 2011-09-21 | Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.110	110	80 - 120	2011-09-21
Toluene		1	mg/L	0.100	0.0898	90	80 - 120	2011-09-21
Ethylbenzene		1	mg/L	0.100	0.0895	90	80 - 120	2011-09-21
Xylene		1	mg/L	0.300	0.271	90	80 - 120	2011-09-21

Standard (CCV-1)

QC Batch: 84933 | Date Analyzed: 2011-09-22 | Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.102	102	80 - 120	2011-09-22
Toluene		1	mg/L	0.100	0.0970	97	80 - 120	2011-09-22
Ethylbenzene		1	mg/L	0.100	0.103	103	80 - 120	2011-09-22
Xylene		1	mg/L	0.300	0.312	104	80 - 120	2011-09-22

Standard (CCV-2)

QC Batch: 84933 | Date Analyzed: 2011-09-22 | Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0998	100	80 - 120	2011-09-22
Toluene		1	mg/L	0.100	0.100	100	80 - 120	2011-09-22
Ethylbenzene		1	mg/L	0.100	0.101	101	80 - 120	2011-09-22
Xylene		1	mg/L	0.300	0.308	103	80 - 120	2011-09-22

Appendix

Laboratory Certifications

C	Certifying Authority	Certification Number	Laboratory Location
-	NCTRCA	WFWB384444Y0909	TraceAnalysis
-	DBE	VN 20657	TraceAnalysis
-	HUB	1752439743100-86536	TraceAnalysis
-	WBE	237019	TraceAnalysis
1	NELAP	T104704219-11-4	Lubbock

Standard Flags

F	Description
B	Analyte detected in the corresponding method blank above the method detection limit
H	Analyzed out of hold time
J	Estimated concentration
Jb	The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less then ten times the concentration found in the method blank. The result should be considered non-detect to the SDL.
Je	Estimated concentration exceeding calibration range.
Qc	Calibration check outside of laboratory limits.
Qr	RPD outside of laboratory limits
Qs	Spike recovery outside of laboratory limits.
Qsr	Surrogate recovery outside of laboratory limits.
U	The analyte is not detected above the SDL

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

LAB Order 11092101 Page ____

TraceAnalysis, Inc.

email: lab@traceanalysis.com

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Lubbock, Texas 79424
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Fax (806) 794-1298
1 (800) 378-1296

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

200 East Sunset Rd., Suite E
El Paso, Texas 79922
Tel (915) 585-3443
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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) 2901 State Hwy 349
Fax #:
Contact Person: Steve Illingsworth
E-mail: s.illingsworth@talonlpe.com
Invoice to: (If different from above)
Project #: Hobbs, NM
Project Name: 700376.052.01
Project Location (including state): ~~Hobbs~~ Hobbs Junction Mainline
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
27900	MW7	3	40z	X				X				X		9/19/11	
901	MW9														
902	MW13														
903	MW18														
904	MW19														
905	MW21														
906	MW22														
907	MW23														
908	MW24														

ANALYSIS REQUEST
(Circle or Specify Method No.)

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, F, SO_4, NO_3-N, NO_2-N, PO_4-P, Alkalinity	Na, Ca, Mg, K, TDS, EC					Turn Around Time if different from standard	Hold
	X																						

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
Brad Tacy	Talon LPE	9/20/11	1545					INST ____ °C OBS ____ °C COR ____ °C
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST ____ °C OBS ____ °C COR ____ °C
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	INST IR °C OBS 3.5 °C COR 3.7 °C
				Brenda Ward	Trac Lubbock	9/20/11	15:45	

LAB USE ONLY
Intact Y / N
Headspace Y N NA
Log-in-Review

REMARKS:

- 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 # Caruplen

ORIGINAL COPY

Summary Report

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

Report Date: December 26, 2011

Work Order: 11122202

Project Location: Hobbs, NM
Project Name: Hobbs Junction Mainline
Project Number: 700376.052.01
SRS#: 2003-0017

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
285014	MW-7	water	2011-12-20	12:10	2011-12-21
285015	MW-9	water	2011-12-20	12:20	2011-12-21
285016	MW-13	water	2011-12-20	12:30	2011-12-21
285017	MW-18	water	2011-12-20	12:40	2011-12-21
285018	MW-19	water	2011-12-20	13:00	2011-12-21
285019	MW-21	water	2011-12-20	11:50	2011-12-21
285020	MW-22	water	2011-12-20	12:00	2011-12-21
285021	MW-23	water	2011-12-20	11:30	2011-12-21
285022	MW-24	water	2011-12-20	11:40	2011-12-21

	BTEX				MTBE
Sample - Field Code	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)	MTBE (mg/L)
285014 - MW-7	<0.00100	<0.00100	<0.00100	<0.00100	
285015 - MW-9	**0.00170**	<0.00100	<0.00100	<0.00100	
285016 - MW-13	**0.00260**	<0.00100	<0.00100	<0.00100	
285017 - MW-18	**0.00510**	<0.00100	<0.00100	<0.00100	
285018 - MW-19	**0.0650**	<0.00100	**0.00320**	**0.0118**	
285019 - MW-21	**11.8**	<0.0500	**1.10**	**0.206**	
285020 - MW-22	**2.47** $_{Qr,Qs}$	<0.0500 $_{Qr,Qs}$	**0.0514** $_{Qr,Qs}$	<0.0500 $_{Qr,Qs}$	
285021 - MW-23	<0.00100 $_{Qr,Qs}$	<0.00100 $_{Qr,Qs}$	<0.00100 $_{Qr,Qs}$	<0.00100 $_{Qr,Qs}$	
285022 - 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
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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

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

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

Report Date: December 26, 2011

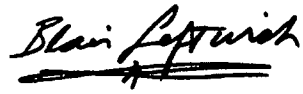
Work Order: 11122202

Project Location: Hobbs, NM
Project Name: Hobbs Junction Mainline
Project Number: 700376.052.01
SRS#: 2003-0017

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
285014	MW-7	water	2011-12-20	12:10	2011-12-21
285015	MW-9	water	2011-12-20	12:20	2011-12-21
285016	MW-13	water	2011-12-20	12:30	2011-12-21
285017	MW-18	water	2011-12-20	12:40	2011-12-21
285018	MW-19	water	2011-12-20	13:00	2011-12-21
285019	MW-21	water	2011-12-20	11:50	2011-12-21
285020	MW-22	water	2011-12-20	12:00	2011-12-21
285021	MW-23	water	2011-12-20	11:30	2011-12-21
285022	MW-24	water	2011-12-20	11:40	2011-12-21

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.



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

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Case Narrative

Samples for project Hobbs Junction Mainline were received by TraceAnalysis, Inc. on 2011-12-21 and assigned to work order 11122202. Samples for work order 11122202 were received intact without headspace and at a temperature of 3.4 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	74208	2011-12-22 at 09:54	87391	2011-12-22 at 09:54
BTEX	S 8021B	74218	2011-12-23 at 14:04	87403	2011-12-23 at 14:04

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 11122202 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: 285014 - MW-7

Laboratory:	Lubbock				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	87391	Date Analyzed:	2011-12-22	Analyzed By:	MT
Prep Batch:	74208	Sample Preparation:	2011-12-22	Prepared By:	MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0969	mg/L	1	0.100	97	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0965	mg/L	1	0.100	96	70 - 130

Sample: 285015 - MW-9

Laboratory:	Lubbock				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	87391	Date Analyzed:	2011-12-22	Analyzed By:	MT
Prep Batch:	74208	Sample Preparation:	2011-12-22	Prepared By:	MT

Parameter		Flag	Cert	RL Result	Units	Dilution	RL
Benzene			1	**0.00170**	mg/L	1	0.00100
Toluene	U	U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	U	1	<0.00100	mg/L	1	0.00100
Xylene	U	U	1	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.105	mg/L	1	0.100	105	70 - 130
4-Bromofluorobenzene (4-BFB)			0.105	mg/L	1	0.100	105	70 - 130

Sample: 285016 - MW-13

Laboratory:	Lubbock				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	87391	Date Analyzed:	2011-12-22	Analyzed By:	MT
Prep Batch:	74208	Sample Preparation:	2011-12-22	Prepared By:	MT

Parameter		Flag		Cert	RL Result	Units	Dilution	RL
Benzene				1	**0.00260**	mg/L	1	0.00100
Toluene	U	U		1	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	U		1	<0.00100	mg/L	1	0.00100
Xylene	U	U		1	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0862	mg/L	1	0.100	86	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0878	mg/L	1	0.100	88	70 - 130

Sample: 285017 - MW-18

Laboratory:	Lubbock				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	87391	Date Analyzed:	2011-12-22	Analyzed By:	MT
Prep Batch:	74208	Sample Preparation:	2011-12-22	Prepared By:	MT

Parameter		Flag		Cert	RL Result	Units	Dilution	RL
Benzene				1	**0.00510**	mg/L	1	0.00100
Toluene	U	U		1	<0.00100	mg/L	1	0.00100
Ethylbenzene	U	U		1	<0.00100	mg/L	1	0.00100
Xylene	U	U		1	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.100	mg/L	1	0.100	100	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0990	mg/L	1	0.100	99	70 - 130

Sample: 285018 - MW-19

Laboratory:	Lubbock				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	87391	Date Analyzed:	2011-12-22	Analyzed By:	MT
Prep Batch:	74208	Sample Preparation:	2011-12-22	Prepared By:	MT

Parameter	Flag		Cert	RL Result	Units	Dilution	RL
Benzene			1	**0.0650**	mg/L	1	0.00100
Toluene	U	U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene			1	**0.00320**	mg/L	1	0.00100
Xylene			1	**0.0118**	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.107	mg/L	1	0.100	107	70 - 130
4-Bromofluorobenzene (4-BFB)			0.129	mg/L	1	0.100	129	70 - 130

Sample: 285019 - MW-21

Laboratory:	Lubbock				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	87391	Date Analyzed:	2011-12-22	Analyzed By:	MT
Prep Batch:	74208	Sample Preparation:	2011-12-22	Prepared By:	MT

Parameter	Flag		Cert	RL Result	Units	Dilution	RL
Benzene			1	**11.8**	mg/L	50	0.00100
Toluene	U	U	1	<0.0500	mg/L	50	0.00100
Ethylbenzene			1	**1.10**	mg/L	50	0.00100
Xylene			1	**0.206**	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			4.92	mg/L	50	5.00	98	70 - 130
4-Bromofluorobenzene (4-BFB)			5.16	mg/L	50	5.00	103	70 - 130

Sample: 285020 - MW-22

Laboratory:	Lubbock				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	87403	Date Analyzed:	2011-12-23	Analyzed By:	ZLM
Prep Batch:	74218	Sample Preparation:	2011-12-23	Prepared By:	ZLM

Parameter		Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr,Qs	Qr,Qs	1	**2.47**	mg/L	50	0.00100
Toluene	Qr,Qs,U	Qr,Qs,U	1	<0.0500	mg/L	50	0.00100
Ethylbenzene	Qr,Qs	Qr,Qs	1	**0.0514**	mg/L	50	0.00100
Xylene	Qr,Qs,U	Qr,Qs,U	1	<0.0500	mg/L	50	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			5.16	mg/L	50	5.00	103	70 - 130
4-Bromofluorobenzene (4-BFB)			5.26	mg/L	50	5.00	105	70 - 130

Sample: 285021 - MW-23

Laboratory:	Lubbock				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	87403	Date Analyzed:	2011-12-23	Analyzed By:	ZLM
Prep Batch:	74218	Sample Preparation:	2011-12-23	Prepared By:	ZLM

Parameter		Flag	Cert	RL Result	Units	Dilution	RL
Benzene	Qr,Qs	Qr,Qs	1	<0.00100	mg/L	1	0.00100
Toluene	Qr,Qs,U	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Ethylbenzene	Qr,Qs,U	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100
Xylene	Qr,Qs,U	Qr,Qs,U	1	<0.00100	mg/L	1	0.00100

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.106	mg/L	1	0.100	106	70 - 130
4-Bromofluorobenzene (4-BFB)			0.103	mg/L	1	0.100	103	70 - 130

Sample: 285022 - MW-24

Laboratory:	Lubbock				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	87391	Date Analyzed:	2011-12-22	Analyzed By:	MT
Prep Batch:	74208	Sample Preparation:	2011-12-22	Prepared By:	MT

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

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.105	mg/L	1	0.100	105	70 - 130
4-Bromofluorobenzene (4-BFB)			0.106	mg/L	1	0.100	106	70 - 130

Method Blanks

Method Blank (1) QC Batch: 87391

QC Batch: 87391 | Date Analyzed: 2011-12-22 | Analyzed By: MT
Prep Batch: 74208 | QC Preparation: 2011-12-22 | Prepared By: MT

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000765	mg/L	0.001
Toluene		1	<0.000719	mg/L	0.001
Ethylbenzene		1	<0.000860	mg/L	0.001
Xylene		1	<0.000942	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.104	mg/L	1	0.100	104	70 - 130
4-Bromofluorobenzene (4-BFB)			0.103	mg/L	1	0.100	103	70 - 130

Method Blank (1) QC Batch: 87403

QC Batch: 87403 | Date Analyzed: 2011-12-23 | Analyzed By: ZLM
Prep Batch: 74218 | QC Preparation: 2011-12-23 | Prepared By: ZLM

Parameter	Flag	Cert	MDL Result	Units	RL
Benzene		1	<0.000765	mg/L	0.001
Toluene		1	<0.000719	mg/L	0.001
Ethylbenzene		1	<0.000860	mg/L	0.001
Xylene		1	<0.000942	mg/L	0.001

Surrogate	Flag	Cert	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)			0.0992	mg/L	1	0.100	99	70 - 130
4-Bromofluorobenzene (4-BFB)			0.0987	mg/L	1	0.100	99	70 - 130

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 87391 | Date Analyzed: 2011-12-22 | Analyzed By: MT
Prep Batch: 74208 | QC Preparation: 2011-12-22 | Prepared By: MT

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0987	mg/L	1	0.100	<0.000765	99	70 - 130
Toluene		1	0.0945	mg/L	1	0.100	<0.000719	94	70 - 130
Ethylbenzene		1	0.0975	mg/L	1	0.100	<0.000860	98	70 - 130
Xylene		1	0.287	mg/L	1	0.300	<0.000942	96	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0993	mg/L	1	0.100	<0.000765	99	70 - 130	1	20
Toluene		1	0.0971	mg/L	1	0.100	<0.000719	97	70 - 130	3	20
Ethylbenzene		1	0.0980	mg/L	1	0.100	<0.000860	98	70 - 130	0	20
Xylene		1	0.289	mg/L	1	0.300	<0.000942	96	70 - 130	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)	0.100	0.101	mg/L	1	0.100	100	101	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0975	0.0966	mg/L	1	0.100	98	97	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 87403 | Date Analyzed: 2011-12-23 | Analyzed By: ZLM
Prep Batch: 74218 | QC Preparation: 2011-12-23 | Prepared By: ZLM

Param	F	C	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0962	mg/L	1	0.100	<0.000765	96	70 - 130
Toluene		1	0.0945	mg/L	1	0.100	<0.000719	94	70 - 130
Ethylbenzene		1	0.0948	mg/L	1	0.100	<0.000860	95	70 - 130
Xylene		1	0.281	mg/L	1	0.300	<0.000942	94	70 - 130

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

Param	F	C	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.0962	mg/L	1	0.100	<0.000765	96	70 - 130	0	20
Toluene		1	0.0943	mg/L	1	0.100	<0.000719	94	70 - 130	0	20
Ethylbenzene		1	0.0948	mg/L	1	0.100	<0.000860	95	70 - 130	0	20
Xylene		1	0.279	mg/L	1	0.300	<0.000942	93	70 - 130	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)	0.0969	0.0922	mg/L	1	0.100	97	92	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0925	0.0883	mg/L	1	0.100	92	88	70 - 130

Matrix Spike (MS-1) Spiked Sample: 285014

QC Batch: 87391 | Date Analyzed: 2011-12-22 | Analyzed By: MT
Prep Batch: 74208 | QC Preparation: 2011-12-22 | Prepared By: MT

Param	F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene		1	0.0979	mg/L	1	0.100	<0.000765	98	70 - 130
Toluene		1	0.0954	mg/L	1	0.100	<0.000719	95	70 - 130
Ethylbenzene		1	0.0971	mg/L	1	0.100	<0.000860	97	70 - 130
Xylene		1	0.286	mg/L	1	0.300	<0.000942	95	70 - 130

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

Param	F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene		1	0.101	mg/L	1	0.100	<0.000765	101	70 - 130	3	20
Toluene		1	0.0998	mg/L	1	0.100	<0.000719	100	70 - 130	4	20
Ethylbenzene		1	0.102	mg/L	1	0.100	<0.000860	102	70 - 130	5	20
Xylene		1	0.302	mg/L	1	0.300	<0.000942	101	70 - 130	5	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)	0.0973	0.0982	mg/L	1	0.1	97	98	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0940	0.0956	mg/L	1	0.1	94	96	70 - 130

Matrix Spike (MS-1) Spiked Sample: 285189

QC Batch: 87403 | Date Analyzed: 2011-12-23 | Analyzed By: ZLM
Prep Batch: 74218 | QC Preparation: 2011-12-23 | Prepared By: ZLM

Param		F	C	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	Qs	Qs	1	0.0633	mg/L	1	0.100	0.002	61	70 - 130
Toluene	Qs	Qs	1	0.0645	mg/L	1	0.100	<0.000719	64	70 - 130
Ethylbenzene	Qs	Qs	1	0.0652	mg/L	1	0.100	0.0027	62	70 - 130
Xylene	Qs	Qs	1	0.192	mg/L	1	0.300	0.0063	62	70 - 130

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

Param		F	C	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	Qr	Qr	1	0.0927	mg/L	1	0.100	0.002	91	70 - 130	38	20
Toluene	Qr	Qr	1	0.0949	mg/L	1	0.100	<0.000719	95	70 - 130	38	20
Ethylbenzene	Qr	Qr	1	0.0962	mg/L	1	0.100	0.0027	94	70 - 130	38	20
Xylene	Qr	Qr	1	0.283	mg/L	1	0.300	0.0063	92	70 - 130	38	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)	0.110	0.0129	mg/L	1	0.1	110	13	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0915	0.0971	mg/L	1	0.1	92	97	70 - 130

Calibration Standards

Standard (CCV-1)

QC Batch: 87391 | Date Analyzed: 2011-12-22 | Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0969	97	80 - 120	2011-12-22
Toluene		1	mg/L	0.100	0.0946	95	80 - 120	2011-12-22
Ethylbenzene		1	mg/L	0.100	0.0962	96	80 - 120	2011-12-22
Xylene		1	mg/L	0.300	0.283	94	80 - 120	2011-12-22

Standard (CCV-2)

QC Batch: 87391 | Date Analyzed: 2011-12-22 | Analyzed By: MT

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0961	96	80 - 120	2011-12-22
Toluene		1	mg/L	0.100	0.0939	94	80 - 120	2011-12-22
Ethylbenzene		1	mg/L	0.100	0.0952	95	80 - 120	2011-12-22
Xylene		1	mg/L	0.300	0.278	93	80 - 120	2011-12-22

Standard (CCV-1)

QC Batch: 87403 | Date Analyzed: 2011-12-23 | Analyzed By: ZLM

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0992	99	80 - 120	2011-12-23
Toluene		1	mg/L	0.100	0.0975	98	80 - 120	2011-12-23
Ethylbenzene		1	mg/L	0.100	0.0980	98	80 - 120	2011-12-23
Xylene		1	mg/L	0.300	0.289	96	80 - 120	2011-12-23

Standard (CCV-2)

QC Batch: 87403 | Date Analyzed: 2011-12-23 | Analyzed By: ZLM

Param	Flag	Cert	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		1	mg/L	0.100	0.0994	99	80 - 120	2011-12-23
Toluene		1	mg/L	0.100	0.0970	97	80 - 120	2011-12-23
Ethylbenzene		1	mg/L	0.100	0.0974	97	80 - 120	2011-12-23
Xylene		1	mg/L	0.300	0.286	95	80 - 120	2011-12-23

Appendix

Report Definitions

Name	Definition
MDL	Method Detection Limit
MQL	Minimum Quantitation Limit
SDL	Sample Detection Limit

Laboratory Certifications

C	Certifying Authority	Certification Number	Laboratory Location
-	NCTRCA	WFWB384444Y0909	TraceAnalysis
-	DBE	VN 20657	TraceAnalysis
-	HUB	1752439743100-86536	TraceAnalysis
-	WBE	237019	TraceAnalysis
1	NELAP	T104704219-11-5	Lubbock

Standard Flags

F	Description
B	Analyte detected in the corresponding method blank above the method detection limit
H	Analyzed out of hold time
J	Estimated concentration
Jb	The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less then ten times the concentration found in the method blank. The result should be considered non-detect to the SDL.
Je	Estimated concentration exceeding calibration range.
Qc	Calibration check outside of laboratory limits.
Qr	RPD outside of laboratory limits
Qs	Spike recovery outside of laboratory limits.
Qsr	Surrogate recovery outside of laboratory limits.
U	The analyte is not detected above the SDL

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

LAB Orde 11122202 Page ____

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) 8901 St Hw 349 Midland TX 79701 — Fax #:

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

Invoice to: (If different from above) 2003-00017

Project #: 700376.052.01 — Project Name: HJ Mainline

Project Location (including state): Hobbs NM — Sampler Signature: Brad Ivy

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
285014	MW 7	3		X				X				X		12/20	1210		X																			
015	MW 9														1220																					
016	MW 13														1230																					
017	MW 18														1240																					
018	MW 19														1300																					
019	MW 21														1150																					
020	MW 22														1200																					
021	MW 23														1130																					
022	MW 24														1140																					

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	
Brad Ivy	Talon	12/21	4:00 pm					INST ____ OBS ____ °C COR ____ °C
								INST ____ OBS ____ °C COR ____ °C
				Brenda Ward	Trace Lubbock	12/21/11	4:00 pm	INST IR OBS 3.3 °C COR 3.4 °C

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

ORIGINAL COPY

LAB USE ONLY

Intact Y / N

Headspace Y / N / NA

Log-in-Review

REMARKS:

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

Carrier # Carrizo

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