1R-463

Plains
DS Hugh

Annual Report
2013

PLAINS
ALL AMERICAN

March 19, 2014

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

Re: Plains All American – 2013 Annual Monitoring Reports
4 Sites in Lea County, New Mexico

Dear Mr. Griswold:

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:

Vacuum to Jal 14" Mainline #3	1R-455	Section 35, T21S, R37E, Lea County
Vacuum to Jal 14" Mainline #5	1R-0464	Section 2, T22S, R37E, Lea County
DS Hugh	1R-0463	Section 26, T21S, R37E, Lea County
Hugh Gathering	AP-0041	Section 11, T21S, R37E, Lea County

EnTech Consulting Corporation (EnTech) 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 EnTech 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,

Camille Bryant
Remediation Coordinator
Plains All American

CC: Geoff Leking, NMOCD, Hobbs, NM

Enclosures

2013 ANNUAL GROUNDWATER MONITORING REPORT

D S HUGH SITE
LEA COUNTY, NEW MEXICO
UL-K, SECTION 26, T21S, R37E
PLAINS SRS#: 2000-10807
NMOCD NO.: 1R-0463

PREPARED FOR

PLAINS PIPELINE, L.P.

333 CLAY STREET, SUITE 1600
HOUSTON, TEXAS 77002

PREPARED BY
ENTECH CONSULTING CORPORATION
21 WATERWAY AVE., SUITE 300
THE WOODLANDS, TEXAS 77380
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PROJECT NO. PAA12003

MARCH 2014

CHAN PATEL
SENIOR PROJECT MANAGER

KATHLEEN BUXTON, P.G
SENIOR PROJECT MANAGER

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1.0 INTRODUCTION AND OBJECTIVES

1.1 Objectives and Site Background

On November 10, 2000, a 4 inch steel pipeline at the D S Hugh 4 Inch Gathering line Site (site) released approximately 20 barrels of crude oil into the subsurface. This pipeline was formerly owned by EOTT Energy, LLC (EOTT) and is currently owned by Plains Pipeline, L.P. (Plains). The site is located in Unit Letter K, T21S, R37E, Section 26 of Lea County, New Mexico, approximately two miles east of Eunice, New Mexico (**Figure 1**) or more specifically at latitude 32˚ 26' 48" N and longitude 103˚ 08' 07" W. The affected area was reported to be approximately 200 feet by 15 feet and product stayed within the pipeline right of way. The leak that occurred at the site on November 10, 2000, was apparently caused by corrosion of a pipeline. The release was reported by EOTT to Ms. Donna Williams at the New Mexico Oil Conservation Division (NMOCD) on November 10, 2000 at 2:25 P.M. Approximately five barrels of product were reported as recovered out of the approximately 20 barrels reported released into the subsurface.

The leak was repaired and affected soil was excavated and temporarily placed on a plastic liner. The initial response notification form (Form No. C-141), prepared by Plains, provides documentation of reporting the release to Larry Johnson with the New Mexico Oil Conservation Division (MNOCD). Initial soil remediation activities were completed by Environmental Plus Inc. In April 2005, EarthCon Consultants, Inc. (EarthCon; formerly Premier Environmental Services Inc.) personnel completed an initial site investigation for Plains. Details regarding the investigation were reported in EarthCon's 2005 Annual Report and are summarized below in Section 1.2.

This report summarizes the weekly groundwater gauging activities, quarterly groundwater monitoring activities, and PSH recovery efforts that took place during 2013.

1.2 Previous Remedial Responses and Environmental Investigations

The previous environmental consultants for the DS Hugh site were Environmental Plus Inc. and EarthCon Consultants, Inc. (EarthCon). As of July 1, 2012, EnTech Consulting Corporation (EnTech) was retained by Plains for consulting services for the site. Even though the environmental consultant for the site has changed, the same personnel were hired by EnTech for historical knowledge, consistency, and to continue working at the site.

Site delineation activities in 2005 included the installation of five soil borings and collection of soil samples within and adjacent to the flow path of the release. Based on the findings of the September 2005 investigation, and the surface expression of the release, three groundwater monitor wells (MW-1 through MW-3) were installed in December 2005. Total Petroleum Hydrocarbon (TPH) concentrations in soil from monitor well MW-1 were above 100 mg/kg from the surface to the first water bearing zone at a depth of 45 feet below ground surface (bgs). A

phase-separated hydrocarbon (PSH) sheen was observed in groundwater samples from monitor well MW-1. In May 2006, further soil investigation was conducted by EarthCon to delineate the extent of hydrocarbon contamination in soil. During this investigation, monitor wells MW-4 through MW-7 were installed (**Figure 2**).

A *Soil Remediation Plan* was submitted to and approved by the NMOCD in May 2006. The objective of the *Soil Remediation Plan* was to excavate the most contaminated soils, isolate and control residual chemicals of concern (COCs) in the soil and to prevent further impact to groundwater by the placement of an impermeable line at the base of the excavation. The remediation plan was implemented in October 2006 and a *Soil Closure Report* was prepared by EarthCon and was submitted in March 2007. Details of the activities can be found in the following reports submitted to the NMOCD:

- April 13, 2006 *Groundwater Delineation Investigation* – March 2006 (letter report to Plains)
- May 2006 *Soil Remediation Plan*
- June 6, 2006 *Soil Investigation Results* (letter report to Plains)
- March 2007 *Soil Closure Report*

Quarterly groundwater monitoring was implemented for the site in 2006 and continues to date. Groundwater PSH recovery was conducted on a weekly basis at MW-1. MW-4, which has previously exhibited measurable amounts of PSH, was measured weekly at the beginning of 2011, but when it showed no PSH or PSH sheen, was reduced to being measured on a monthly basis. Approximately 1335 gallons of water containing dissolved phase hydrocarbons and 70 gallons of entrained PSH were recovered from monitor well MW-1 in 2013. Groundwater and PSH recovery for 2013 are presented below in Section 3. This report summarized the activities conducted in 2013 for groundwater analysis and PSH recovery activities.

1.3 Regulatory Framework

Based on standards outlined in New Mexico Administrative Code (NMAC), Title 20, Chapter 6, Part 2, the remediation criteria for groundwater at the site are as follows:

Chemical of Concern	Limit (mg/L)
Benzene	0.01
Toluene	0.75
Ethylbenzene	0.75
Total Xylenes	0.62
Polynuclear Aromatic Hydrocarbons (PAH) [1,2]	0.03

Benzo-a-pyrene (2)	0.0007

1 – PAHs: Total naphthalenes plus monomethylnaphthalenes

2 – PAH remediation standards will be used as target concentrations only upon PSH removal.

In addition to using the above values as the target cleanup goals for chemicals of concern (COC) concentrations in groundwater at the site, PSH removal is also an integral part of ongoing remediation activities.

1.4 Limitations

EnTech has examined and relied upon the file information provided by Plains and their contractors, and conversations with Plains personnel and their contractors familiar with the site in question. EnTech has not conducted an independent examination of the information contained in external project files or that provided by Plains or their contract personnel. Furthermore, we assume the genuineness of the documents reviewed and that the information provided in these documents and during the interviews of Plains and contract personnel are true and accurate. EnTech has prepared this report using the level of care and professionalism in the industry for similar projects under similar conditions. EnTech will not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time this report was prepared. EnTech believes the conclusions stated herein are factual, but no guarantee is made or implied.

2.0 GROUNDWATER ASSESSMENT AND RESULTS

2.1 Groundwater Sampling Methodology

Activities conducted at the site in 2013 primarily consisted of gauging wells for groundwater levels, determining the presence or absence of PSH, recovery of product using Mobil Dual Phase Extraction (MDPE) and recovering PSH using absorbent socks, hand bailing, and submersible pumps in monitor wells. Groundwater sampling of wells not exhibiting PSH was also completed to evaluate the extent of the dissolved-phase hydrocarbon plume.

Measurements of the depth to groundwater and product thickness in wells with hydrocarbon sheen or PSH were completed during the weekly PSH recovery and quarterly groundwater sampling events. Seven groundwater monitor wells (MW-1 through MW-7) were gauged using an oil/water interface probe. The well locations are shown on **Figure 2**.

Groundwater level elevations and the presence of PSH, if any, were noted for each well. In cases where no measurable PSH was detected by the interface probe, the downhole sensor of the probe was examined for the presence of PSH upon removal from the well. One monitor well, MW-1, contained a measurable PSH thickness or hydrocarbon sheen during 2013 and was sampled annually. Starting in the second quarter of 2008 all recovery and monitor wells with PSH or sheen were required to be sampled annually and therefore groundwater samples were collected and analyzed for BTEX in the second quarter of 2013. Additional, groundwater samples collected during the second quarter of 2013 from MW-1 and MW-4 were also analyzed for PAH.

Groundwater monitor wells not exhibiting PSH or hydrocarbon sheen were gauged monthly and sampled quarterly. After collecting and recording groundwater level and PSH thickness measurements, each well was purged with a clean electric submersible pump or hand bailed using a clean disposable bailer, and then groundwater samples were collected using a new dedicated disposable bailer.

Groundwater samples were poured directly from the disposable bailers into the appropriate laboratory-supplied sample containers. The sample containers were then packaged to prevent breakage, placed on ice in a cooler, and shipped to ESC Lab Sciences of Mt. Juliet, Tennessee for analysis. The groundwater samples were analyzed for BTEX by EPA Method SW 846-8021B and PAHs by EPA Method SW 8270.

2.2 Groundwater Gauging

Table 1 summarizes groundwater gauging (elevation and PSH thickness) measurements taken before each quarterly groundwater sampling event in 2013. In addition, weekly groundwater elevation and PSH thickness measurements were recorded prior to and after PSH recovery and monthly measurements were taken from wells without PSH. Groundwater elevations and PSH thickness measurements were taken in one monitor well (MW-1) during PSH recovery efforts. Groundwater elevation measurements were recorded monthly for six monitor wells (MW-2 through MW-7) without PSH or hydrocarbon sheen. Compete historical groundwater elevation

and PSH thickness measurements since September 21, 2005 are presented in **Table 2**. The groundwater elevation calculations are based on the top of PVC well casing elevations, which were last surveyed on March 15, 2005 by EarthCon, the previous consultant.

2.3 Groundwater Gradient and Flow Direction

Using the groundwater gauging data summarized in **Table 1**, groundwater gradient maps were prepared and are included as **Figures 3A** through **3D**. The calculated groundwater gradient and estimated groundwater flow direction are based on the gauging data obtained on February 27, June 10, September 11, and December 11, 2013. The hydraulic gradient in 2013 ranged from 0.0037 to 0.0040 feet/feet (ft/ft), based on groundwater elevations measured between monitor wells MW-2 and MW-6. The groundwater gradient and flow direction across the site during 2013 were similar to the gradient and direction observed during the previous five years to the east-southeast.

2.4 Groundwater Analytical Results

Groundwater samples were collected on February 27, June 10, September 11, and December 11, 2013 during 2013 from all wells that did not contain PSH (see **Table 3**). The monitor wells were purged by removing a minimum of three to five well volumes of groundwater, or depending on groundwater conditions, bailed dry three times using a disposable bailer and allowed to recover to at least 80% of the initial volume before collecting samples. Groundwater samples were collected and transferred into laboratory-supplied sample containers. The sample containers were placed on ice in a cooler and shipped to ESC Lab Sciences (ESC), in Mt. Juliet, Tennessee for analysis. Groundwater samples were analyzed for BTEX using EPA Method SW-846 8021B and PAHs by EPA Method SW 8270 for samples from MW-1 and MW-4 collected in the second quarter of 2013..

Groundwater samples were only collected in the second quarter from monitor well MW-1 due to the presence of PSH. MW-1 exceeded the NMOCD criteria for benzene during the second quarter. Analytical results reported for the groundwater samples collected at four wells (MW-2, MW3, MW-5 through MW-7) displayed BTEX constituent concentrations below laboratory MDLs for all four quarters. Groundwater samples from monitor well MW-4 exhibited benzene concentrations above laboratory MDLs but below NMOCD remediation criteria for the first, second and third quarters and below the MDL for the fourth quarter. Ethylbenzene and Xylenes were detected in samples from MW-4 above laboratory MDLs but below NMOCD remediation criteria for all four quarters.

The 2013 analytical results are presented in **Table 3**, and historical analytical results are presented in **Table 4**. Table **2.1** below summarizes the BTEX concentrations in which NMOCD Remediation Criteria exceedances were observed in 2013. BTEX concentrations reported in exceedance of NMOCD standards are marked in **bold**.

Table 2.1				
2013 COC Detected Concentrations Above NMOCD Remediation Criteria (mg/L)				
2012	**First Quarter**	**Second Quarter**	**Third Quarter**	**Fourth Quarter**
	Benzene	**Benzene**	**Benzene**	**Benzene**
NMOCD Remediation Criteria (mg/L)	**0.01**	**0.01**	**0.01**	**0.01**
MW-1	NS	**0.028**	NS	NS

Note: Concentrations in **bold** indicate exceedances of NMOCD Remediation criteria.

NS – Not sampled due to PSH sheen or a visible PSH sheen**.**

Historical analytical results are presented in **Table 4**. Laboratory analytical reports are provided in **Appendix A**. The groundwater analytical data and PSH thickness data for each quarterly sampling event are presented in **Figures 4A** through **4D**.

In 2008, 2009, 2010, 2011, 2012, and 2013 NMOCD, required Plains to analyze for BTEX and PAH constituents in the dissolved phase groundwater in wells with hydrocarbon sheen or wells that exceed NMOCD remediation standards in 2013. To meet this requirement for 2013, groundwater samples were also collected from monitor well MW-1 during the second quarter of 2013 and were analyzed for BTEX constituents (see **Tables 3 and 4** for analytical data) as well as PAHs (see **Table 5**).

During the second quarter sampling event, fluids (PSH and dissolved phase hydrocarbons) from the well MW-1 were bailed off prior to purging the well. After three well volumes were removed and the well was allowed to stabilize a groundwater sample was collected. The analytical results indicated the presence of benzene concentrations above the NMOCD remediation criteria of 0.01 mg/L in the monitor well MW-1. Copies of the laboratory analytical data packages are included in **Appendix A**.

2.5 Groundwater Waste Disposal

Purge water from well sampling at wells MW-1 through MW-7 is placed in the 1100-gallon above ground storage tank. These liquids are vacuumed from the tank and transported offsite disposal by Key Energy Services of Hobbs, New Mexico.

3.0 PSH RECOVERY

3.1 PSH Recovery Methodology

In addition to collecting groundwater samples, EnTech performed weekly visits to the site to gauge and recover PSH from one well with PSH/sheen (MW-1). Measurements to PSH and water levels were recorded during each site visit (see **Table 2**). PSH recovery activities were completed on a weekly basis using submersible pumps, hand bailer and/or absorbent socks. Routine PSH recovery activities typically consisted of the removal of less than 1 gallon of PSH and 10 to 20 gallons of groundwater with possible dissolved phase hydrocarbons from each well.

One Mobile Dual Phase Extraction (MDPE) event was conducted at the site during 2013. MDPE is a remediation technique where vacuum is applied to the subsurface through monitor wells. This vacuum will simultaneously remove vapors and fluids (groundwater and PSH) from the subsurface. MDPE is discussed further in **Section 3.3.**

3.2 PSH Recovery via Pumping and Manual bailing

During 2013, measurable PSH was observed in monitor well MW-1. In general, decreasing trends in the PSH thickness has been observed for this well. Monthly recovery data for PSH and dissolved phase groundwater are presented in **Table 6**.

A general decreasing trend in the PSH thickness in monitor well MW-1 was observed starting in early 2008. PSH thickness was observed through most of 2013, with the maximum thickness of PSH reaching 3 feet in August 2013.

3.3 PSH Recovery via MDPE

PSH recovery via MDPE was conducted at the site during 2013 by Plains consultant Talon, LPE (Talon). The MDPE event was conducted in March 2013 for duration of 12 hours.

MDPE removes multiple phases of hydrocarbons (liquid, dissolved, absorbed and vapor phase) simultaneously by extracting PSH,vapors, and contaminated groundwater from multiple monitor and recovery wells. This is completed with a truck-mounted vacuum and liquid handling system integrated with a mobile hydrocarbon vapor treatment system. High vacuum is applied to multiple wells with down hole apparatuses to control the fluid elevation in each well. Therefore, the vacuum forcefully induces contaminant liquids and vapors to be simultaneously pulled into the extraction wells from the vadose zone, capillary fringe, and the saturated zone. Extracted contaminant liquids are collected in a designated tank at the site. Volatile vapor emissions are treated by the integrated vapor destruction systems.

During the March 2013 event, 1,321 gallons of total fluids were removed during the event including19.94 gallons of vapor PSH recovery and 3 gallons of fluid PSH recovery. Based on the lack of PSH recovery, this method is not effective and will no longer be utilized at the site.

Fluids generated during this event were stored in a separate storage tank at the site and were disposed of by Talon at the conclusion of the event.

3.4 PSH Waste Disposal

Approximately 70 gallons of PSH and 1,335 gallons total of affected groundwater were recovered from the wells containing PSH or sheen during 2013. These liquids are vacuumed from the tank and transported for offsite disposal by Key Energy Services of Hobbs, New Mexico.

4.0 MONITORED NATURAL ATTENUATION

4.1 Regulatory Framework for Monitored Natural Attenuation

Monitored Natural Attenuation (MNA) is defined by the New Mexico Environmental Department in 20.5.13 NMAC as "a methodology for remediation that relies upon a variety of naturally occurring chemical, physical and biological processes to achieve target concentrations in a manner that is equally as protective of public health, safety and welfare, and the environment as other methods and that is accompanied by a program of monitoring to document the process and results of the above mentioned processes."

As part of the MNA process several lines of evidence need to be evaluated, the general lines of evidence are listed below:

- **Primary Lines of Evidence (PLOE).** Relies on use of historical groundwater data that demonstrate a clear trend of stable or decreasing chemical of concern (COC) concentrations over time and with distance away from the source at appropriate monitoring or sampling points.
- **Secondary Lines of Evidence (SLOE).** Uses geochemical indicators to document certain geochemical signatures or "footprints" in the groundwater that demonstrated (indirectly) the type of natural attenuation process(es) occurring at the affected property and the destruction of COCs; or uses distance-based/time-based/biodegradation rate calculations to demonstrate attenuation.
- **Other Lines of Evidence (OLOE).** Most often consists of predictive modeling studies and other lab/field studies that demonstrate an understanding of the natural attenuation process(es) occurring at the affected property and their effectiveness in controlling PCLE zone migration and decreasing COC concentrations.

4.2 Monitored Natural Attenuation Information

The DS Hugh site is currently undergoing Plume Stability Analysis. While samples are collected for monitored natural attenuation, insufficient data exists at this time to perform a reliable evaluation.

The dissolved phase plume was evaluated by analyzing groundwater samples collected quarterly from six monitor wells which did not contain PSH. Throughout 2013, benzene was detected above the NMOCD remediation criteria in monitor well MW-1. Benzene concentrations in the groundwater samples collected from monitor well MW-4 appear to be generally decreasing from maximum concentrations observed but below NMOCD standards during the first quarter of 2013 to below MDL during second and third quarters and non-dected during the fourth quarter. The groundwater samples collected from the remaining wells on site reported benzene, toluene, ethylbenzene and total xylenes (BTEX) constituent concentrations either below the NMOCD remediation criteria or below the laboratory MDLs.

The benzene concentrations reported in the groundwater samples collected from the monitor wells down-gradient of the plume (MW-6 and MW-7) from 2007 to 2013 were below the MDL with an occasional detection just above the MDL.

Understanding plume stability is an important step in the remedial planning process for a site. For instance, an increasing plume could potentially migrate to human or environmental receptors, whereas a stable or decreasing plume may not pose an imminent threat to human health and the environment. An introduction to plume stability analysis and the basis for the plume evaluation at the site was presented in the 2009 Annual report.

This analysis was conducted in order to understand the overall stability of the benzene plume during 2006 through 2013. This study included the development of benzene concentration isopleths maps, an average of the benzene concentrations reported in the four quarterly groundwater sampling events was used for all the wells with no PSH, specifically monitor wells MW-2 through MW-7. Since the well with PSH was sampled only during the second quarter groundwater sampling events from 2008 through 2013, the benzene concentrations reported during this sampling event were used in the plume evaluation. The plume characteristics such as the plume area, average concentration and mass were calculated for each of the benzene plumes using numerical methods and engineering principles.

The benzene isopleths maps for 2006 through 2013 are presented in **Figures 5 through 12** respectively. Previous maps prepared by EarthCon are presented in **Figures 5 through 10**.

The analytical data collected for the site used for the plume stability analysis indicated that the benzene plume emanating from the site has a decreasing trend in size and mass while the average concentration of benzene appears to be decreasing as well.

5.0 FINDINGS

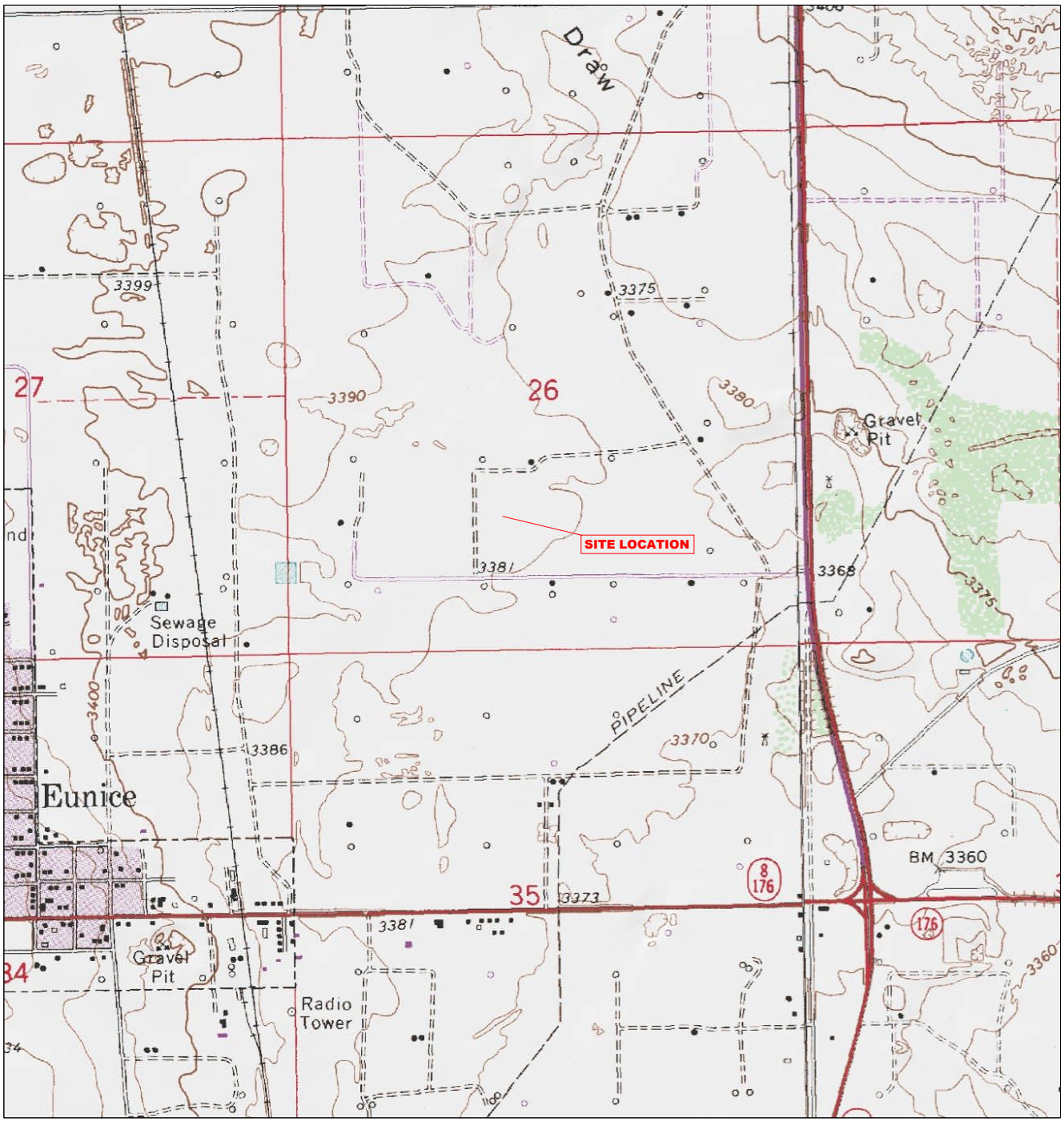
Findings and recommendations resulting from 2013 groundwater monitoring at the DS Hugh site are summarized below.

- Groundwater flow in the uppermost groundwater-bearing unit is to the east-southeast ranging from 0.0037ft/ft to 0.0040 ft/ft as measured between wells MW-2 and MW-6.
- Analytical results reported for the groundwater samples collected at five wells (MW-2, MW-3 and MW-5 through MW-7) displayed BTEX constituent concentrations below laboratory MDLs for all four quarters. Monitor well MW-4 exhibited concentrations of constituents above laboratory MDLs, but below NMOCD remediation criteria for all four quarters of groundwater monitoring. MW-1 exceeded the NMOCD criteria for benzene during the second quarter.
- PSH recovery from well MW-1 continued during 2013, and the volume recovered appears to have significantly diminished during 2013. The estimated quantity of PSH recovered from wells exhibiting PSH totaled approximately 70 gallons, with groundwater recovery totaling approximately 1,335 gallons.
- The PSH plume has remained in the historical source area, located in the vicinity of well MW-1 and does not appear to be migrating downgradient.

Based on PSH recovery data and groundwater sampling completed during 2013 (and previously) at the site, EnTech recommends the following:

- PSH recovery from well MW-1 continues on a weekly basis.
- Groundwater monitoring continues on a quarterly basis.

FIGURES



Eunice Quadrangle
32°26'48"N Latitude & 103°08'07"W Longitude

1/2 1/4 0 1/4 1/2
Distance in Miles

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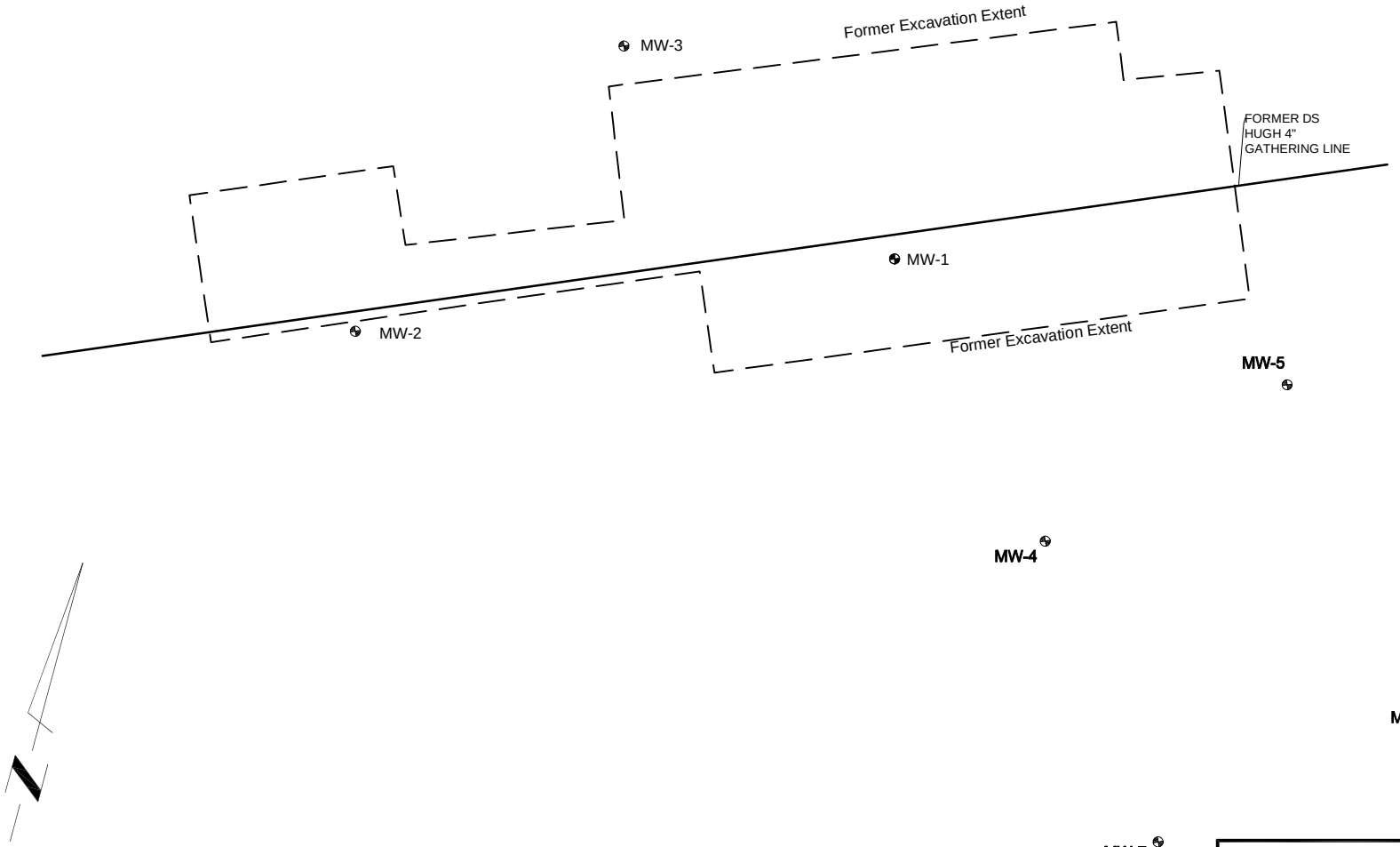
Houston, TX • (281) 362-2714

Figure 1
Site Location Map
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Plains Marketing, L.P.
Lea County, New Mexico

PROJ. NO: PAA12003	DATE: 1/14



LEGEND:

MW- - MONITOR WELL LOCATIONS

— — — - FORMER EXCAVATION EXTENT

0 40

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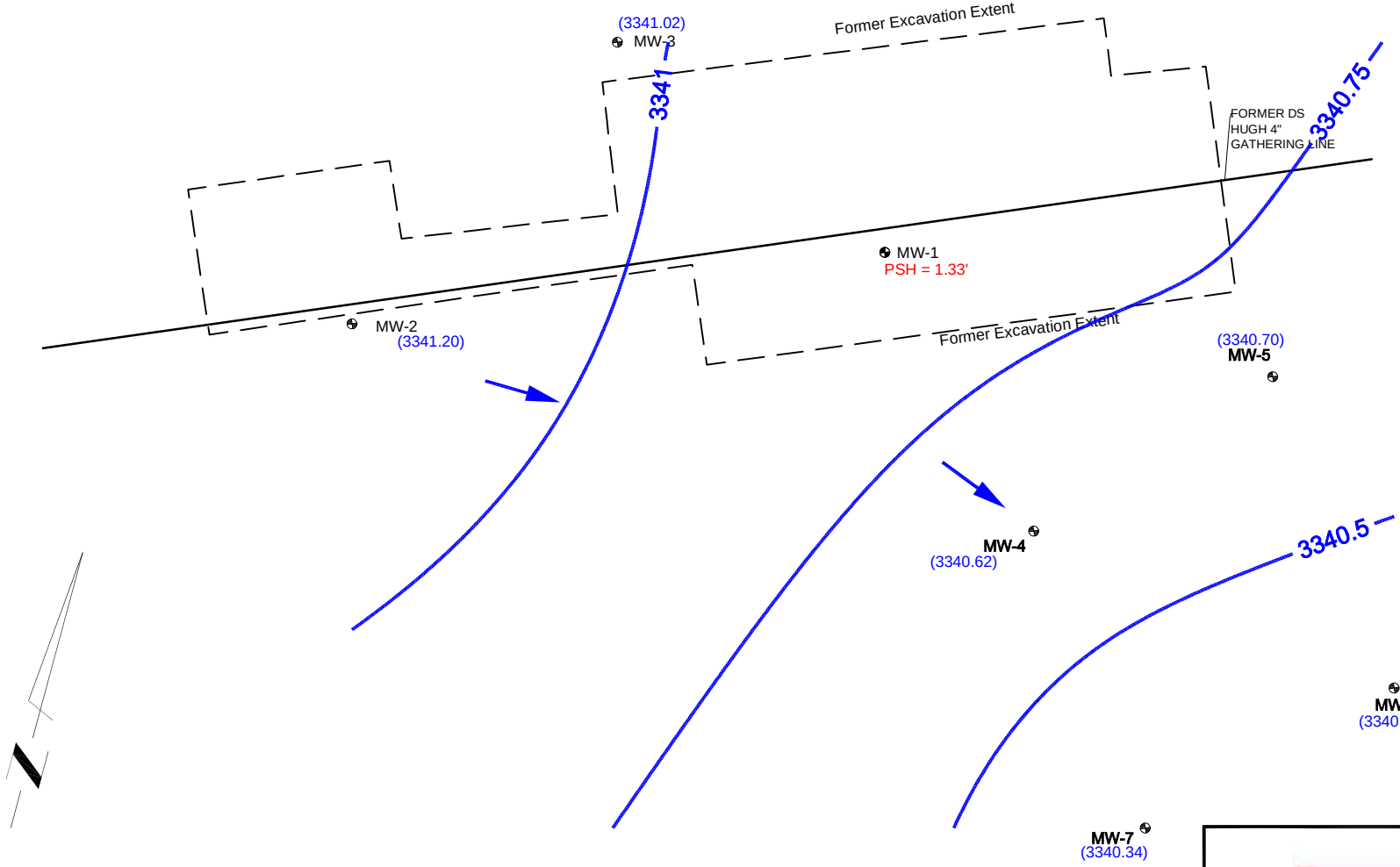
Figure 2
Site Map
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Plains Marketing, L.P.
Lea County, New Mexico

PROJ. NO: PAA12003	DATE: 1/14



LEGEND:

- MW- - Monitoring Well Location
- — — — - Former Excavation Extent
- -3370.8- - Groundwater Elevation Contour, ft. Contour Interval = 0.25'
- (3370.70) - Corrected Groundwater Elevation, ft.
- ← - Grounwater Flow Direction

0 40

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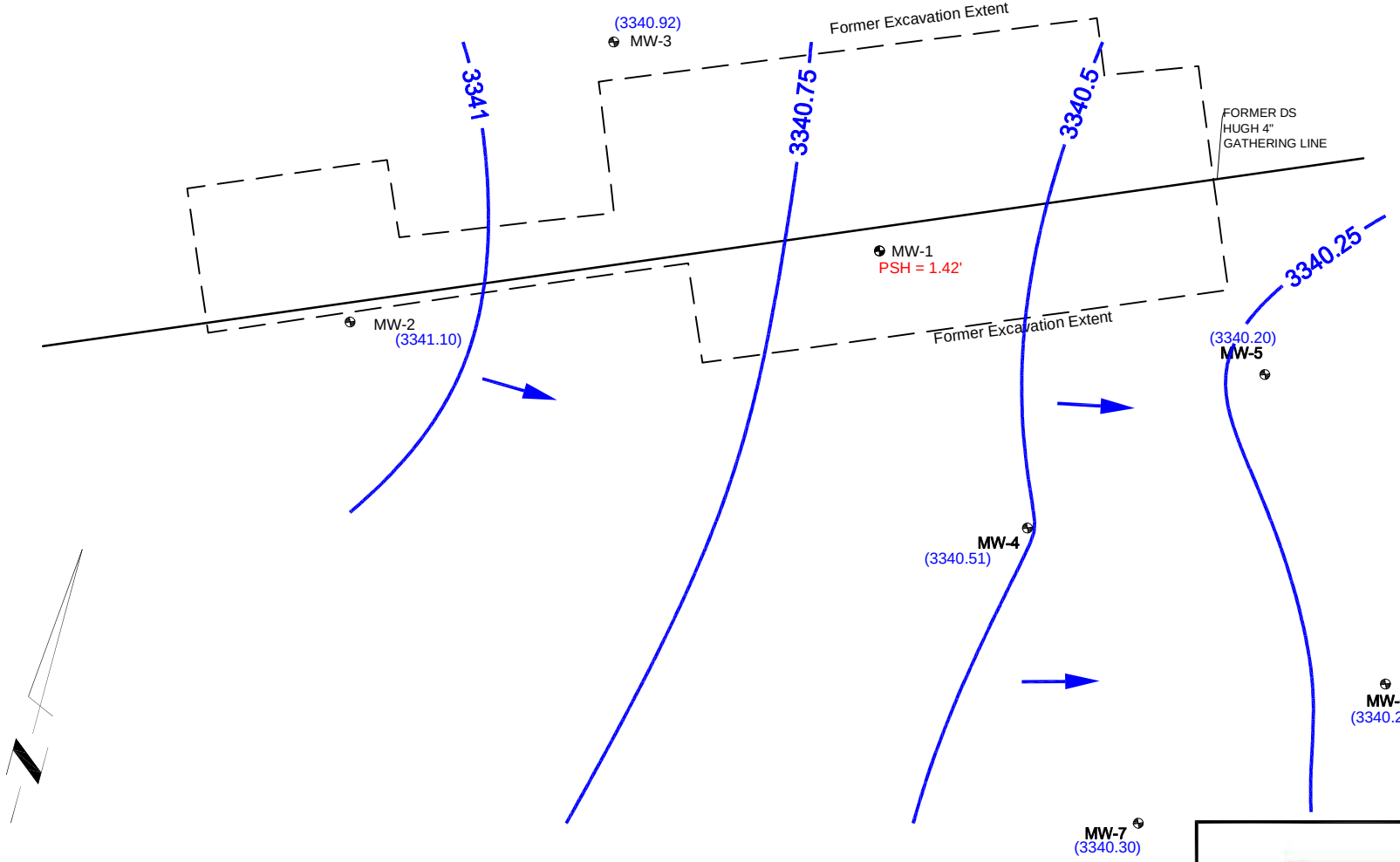
Figure 3A
1st Quarter 2013 - Groundwater Gradient Map
February 27, 2013
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Plains Marketing, L.P.
Lea County, New Mexico

PROJ. NO: PAA12003 | DATE: 1/14



LEGEND:

- MW- - Monitoring Well Location
- — — — - Former Excavation Extent
- -3370.8- - Groundwater Elevation Contour, ft. Contour Interval = 0.25'
- (3370.70) - Corrected Groundwater Elevation, ft.
- ← - Grounwater Flow Direction

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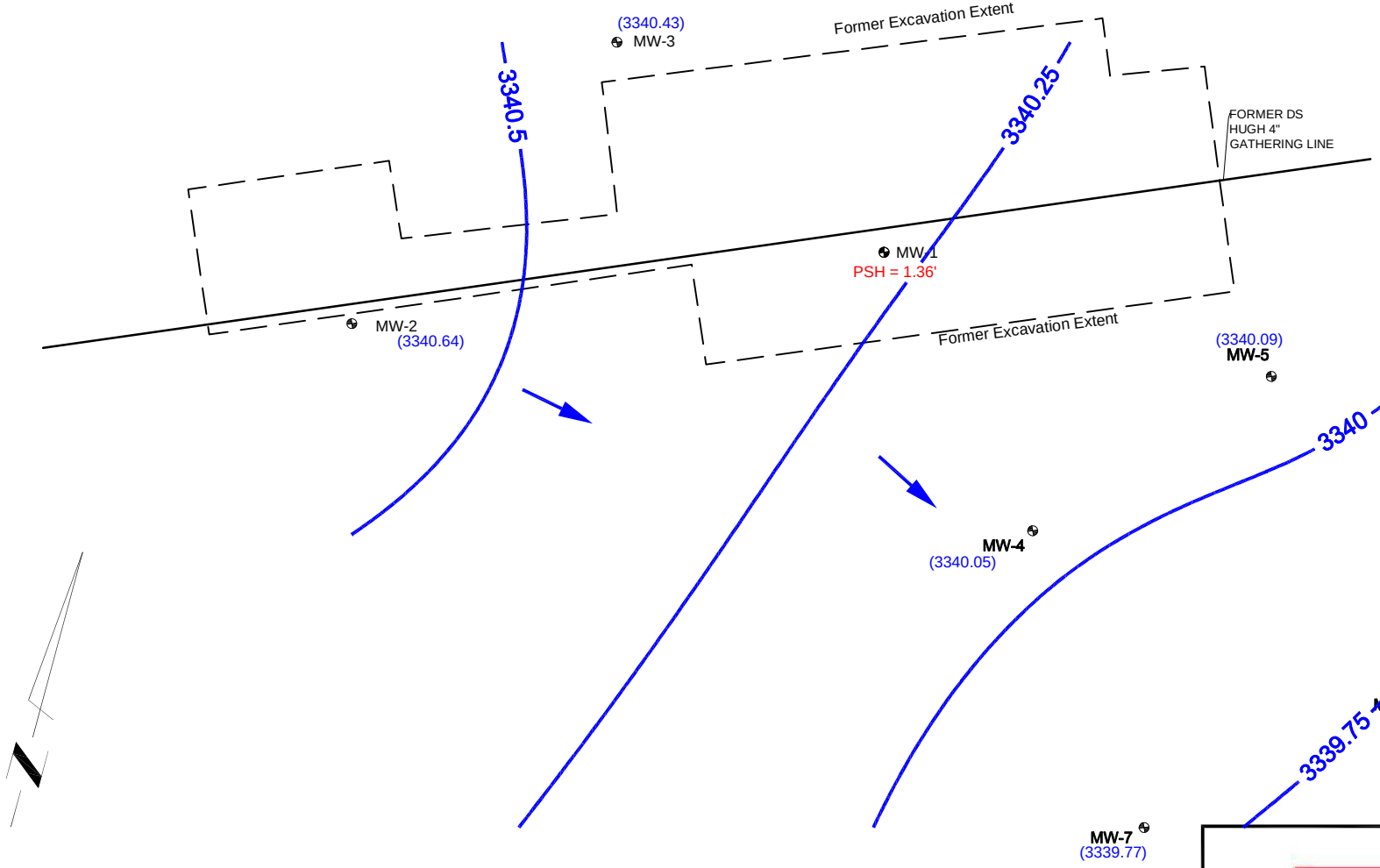
Figure 3B
2nd Quarter 2013 - Groundwater Gradient Map
June 10, 2013
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Plains Marketing, L.P.
Lea County, New Mexico

PROJ. NO: PAA12003 | DATE: 1/14



LEGEND:

- MW- - Monitoring Well Location
- — — — - Former Excavation Extent
- -3370.8- - Groundwater Elevation Contour, ft. Contour Interval = 0.25'
- (3370.70) - Corrected Groundwater Elevation, ft.
- ← - Grounwater Flow Direction

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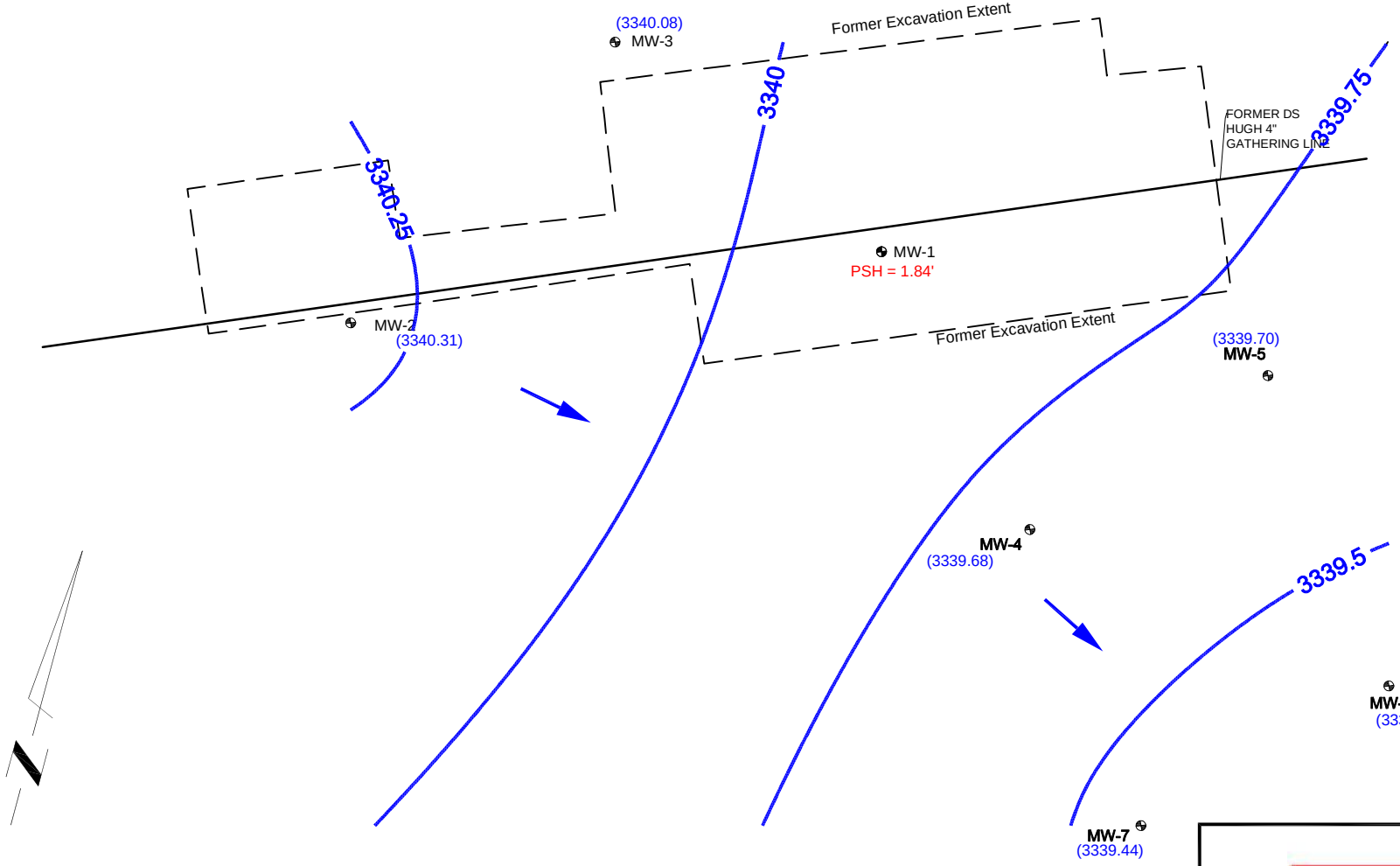
Figure 3C
3rd Quarter 2013 - Groundwater Gradient Map
September 11, 2013
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Plains Marketing, L.P.
Lea County, New Mexico

PROJ. NO: PAA12003 | DATE: 1/14



LEGEND:

- MW- - Monitoring Well Location
- — — — - Former Excavation Extent
- -3370.8- - Groundwater Elevation Contour, ft. Contour Interval = 0.25'
- (3370.70) - Corrected Groundwater Elevation, ft.
- ← - Grounwater Flow Direction

0 40
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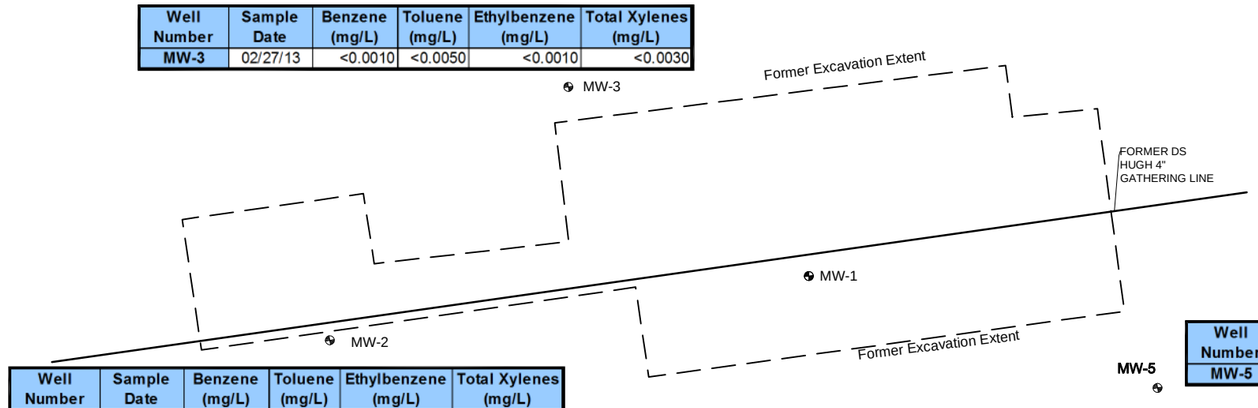
Figure 3D
4th Quarter 2013 - Groundwater Gradient Map
December 11, 2013
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Plains Marketing, L.P.
Lea County, New Mexico

PROJ. NO: PAA12003 | DATE: 1/14



Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-3	02/27/13	<0.0010	<0.0050	<0.0010	<0.0030

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-2	02/27/13	<0.0010	<0.0050	<0.0010	<0.0030

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	02/27/13	<0.0010	<0.0050	0.0006	<0.0030

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-4	02/27/13	0.0012	<0.0050	0.052	0.069

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-6	02/27/13	<0.0010	<0.0050	<0.0010	<0.0030

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	02/27/13	<0.0010	<0.0050	<0.0010	<0.0030

LEGEND:

MW- - MONITOR WELL LOCATIONS

— — — - FORMER EXCAVATION EXTENT

Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMOCD Remediation Criteria			
0.01	**0.75**	**0.75**	**0.62**

Concentrations in **BOLD** exceed the NMOCD Remediation Criteria for the Site.

0 40

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Figure 4A
1st Quarter 2013 Groundwater Analytical Map
February 27, 2013
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Plains Marketing, L.P.
Lea County, New Mexico

PROJ. NO: PAA12003 | DATE: 1/14

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-3	06/10/13	<0.0010	<0.0050	<0.0010	<0.0030

MW-3

Former Excavation Extent

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-1	06/10/13	**0.028**	0.1	0.066	0.16

FORMER DS HUGH 4" GATHERING LINE

MW-1

MW-2

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-2	06/10/13	<0.0010	<0.0050	<0.0010	<0.0030

Former Excavation Extent

MW-5

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	06/10/13	<0.0010	<0.0050	<0.0010	<0.0030

MW-4

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-4	06/10/13	0.00042 J	<0.0050	0.0052	0.0064

MW-6

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-6	06/10/13	<0.0010	<0.0050	<0.0010	<0.0030

MW-7

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	06/10/13	<0.0010	<0.0050	<0.0010	<0.0030

LEGEND:

MW- - MONITOR WELL LOCATIONS

— — — - FORMER EXCAVATION EXTENT

Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMOCD Remediation Criteria			
0.01	**0.75**	**0.75**	**0.62**

Concentrations in **BOLD** exceed the NMOCD Remediation Criteria for the Site.

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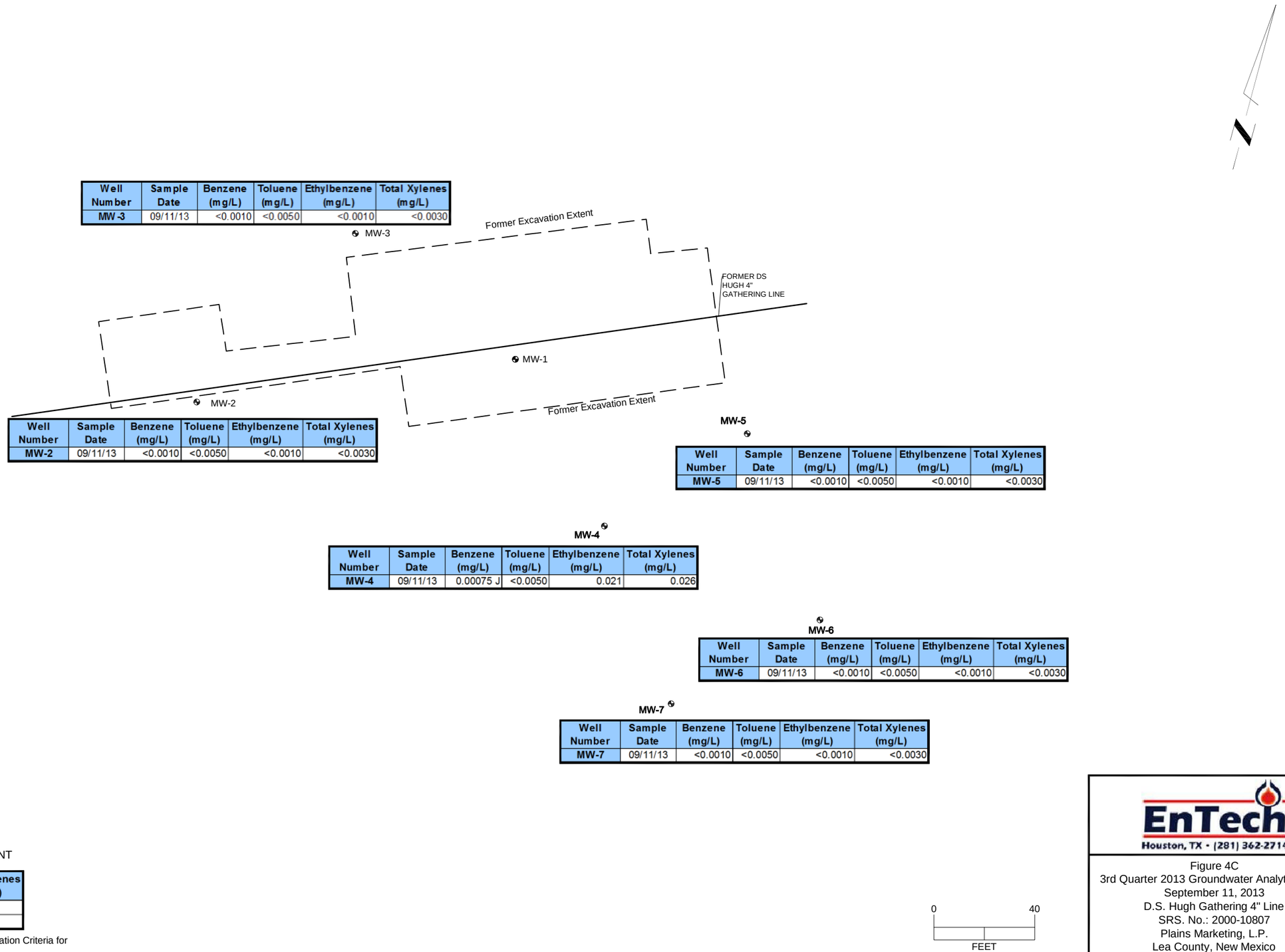
Figure 4B
2nd Quarter 2013 Groundwater Analytical Map
June 10, 2013
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Plains Marketing, L.P.
Lea County, New Mexico

PROJ. NO: PAA12003 | DATE: 1/14



Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-3	09/11/13	<0.0010	<0.0050	<0.0010	<0.0030

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-2	09/11/13	<0.0010	<0.0050	<0.0010	<0.0030

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	09/11/13	<0.0010	<0.0050	<0.0010	<0.0030

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-4	09/11/13	0.00075 J	<0.0050	0.021	0.026

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-6	09/11/13	<0.0010	<0.0050	<0.0010	<0.0030

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	09/11/13	<0.0010	<0.0050	<0.0010	<0.0030

LEGEND:

MW- - MONITOR WELL LOCATIONS

— — — - FORMER EXCAVATION EXTENT

Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMOCD Remediation Criteria			
0.01	**0.75**	**0.75**	**0.62**

Concentrations in **BOLD** exceed the NMOCD Remediation Criteria for the Site.

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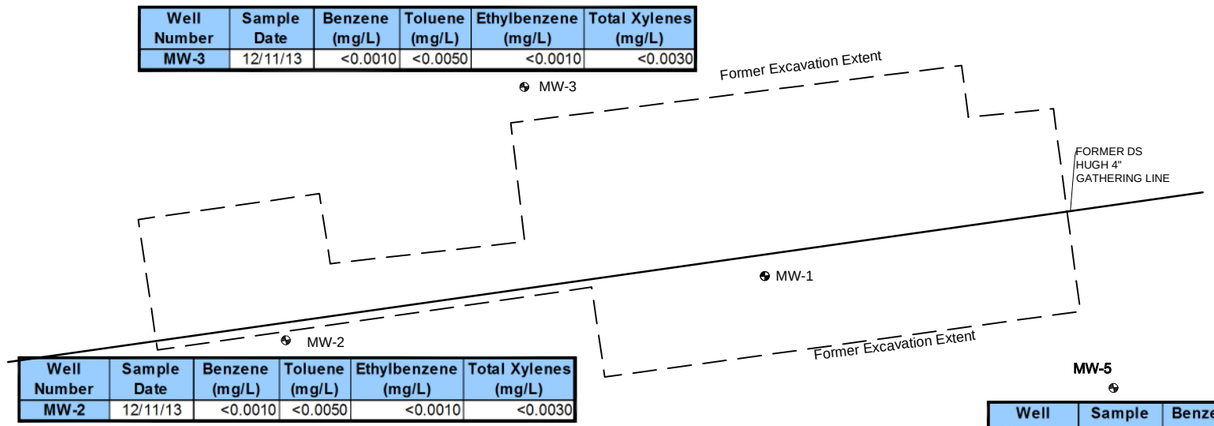
Figure 4C
3rd Quarter 2013 Groundwater Analytical Map
September 11, 2013
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Plains Marketing, L.P.
Lea County, New Mexico

PROJ. NO: PAA12003 | DATE: 1/14



Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-3	12/11/13	<0.0010	<0.0050	<0.0010	<0.0030

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-2	12/11/13	<0.0010	<0.0050	<0.0010	<0.0030

MW-5

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	12/11/13	<0.0010	<0.0050	<0.0010	<0.0030

MW-4

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-4	12/11/13	0.00075 J	<0.0050	0.0079	0.0052

MW-6

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-6	12/11/13	<0.0010	<0.0050	<0.0010	<0.0030

MW-7

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	12/11/13	<0.0010	<0.0050	<0.0010	<0.0030

LEGEND:

MW- - MONITOR WELL LOCATIONS

— — — - FORMER EXCAVATION EXTENT

Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
NMOCD Remediation Criteria			
0.01	**0.75**	**0.75**	**0.62**

Concentrations in **BOLD** exceed the NMOCD Remediation Criteria for the Site.

0 40

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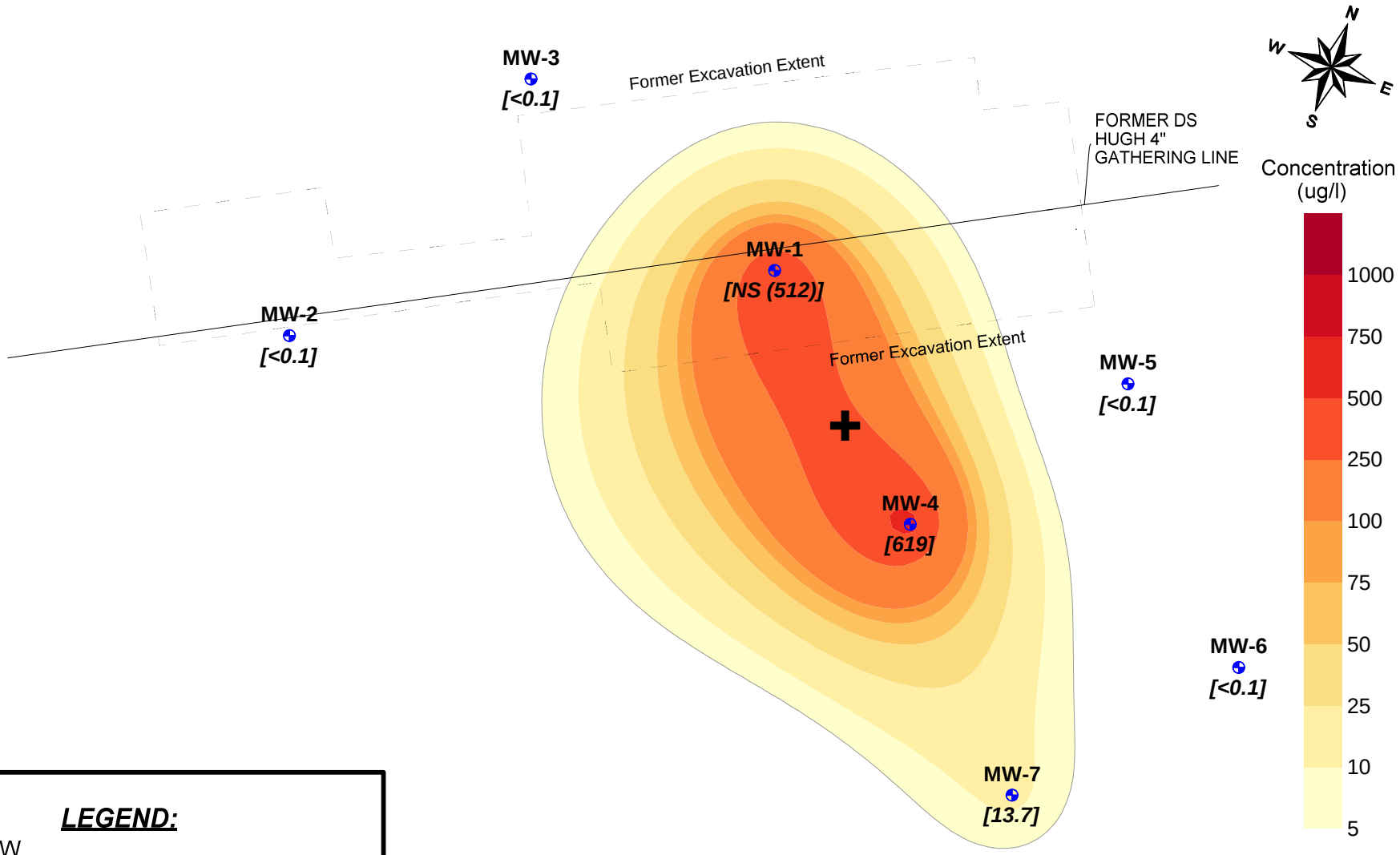
Figure 4D
4th Quarter 2013 Groundwater Analytical Map
December 11, 2013
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Plains Marketing, L.P.
Lea County, New Mexico

PROJ. NO: PAA12003 | DATE: 1/14



LEGEND:

- MW - MW - Monitor Wells
- ✚ - Plume Center of Mass
- [2] - Benzene Concentration (ug/l)
- [NS (512)] - Well Not Sampled, Assumed Concentration (ug/l)

0 FT 40 FT 80 FT

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Environmental Challenges
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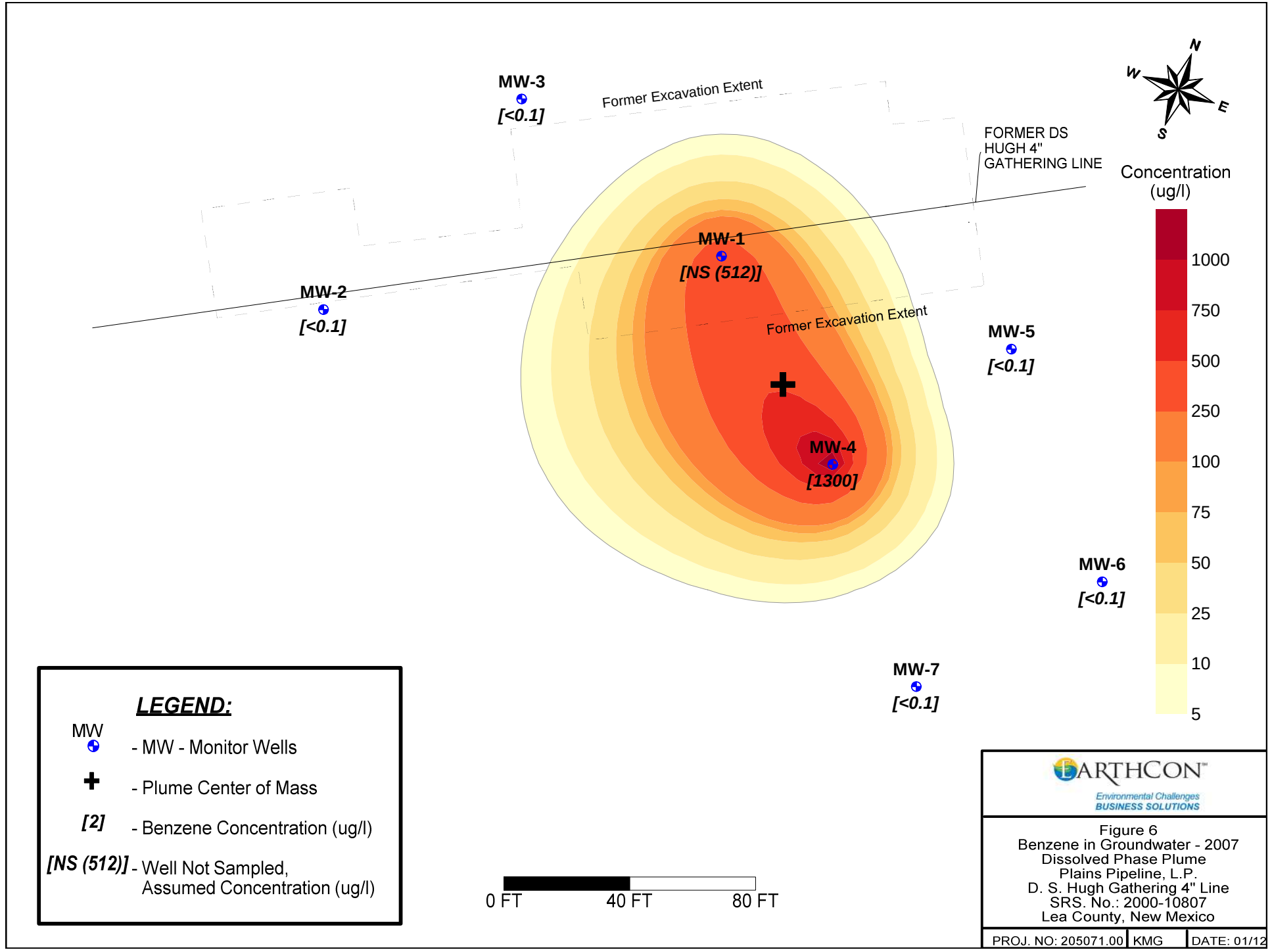
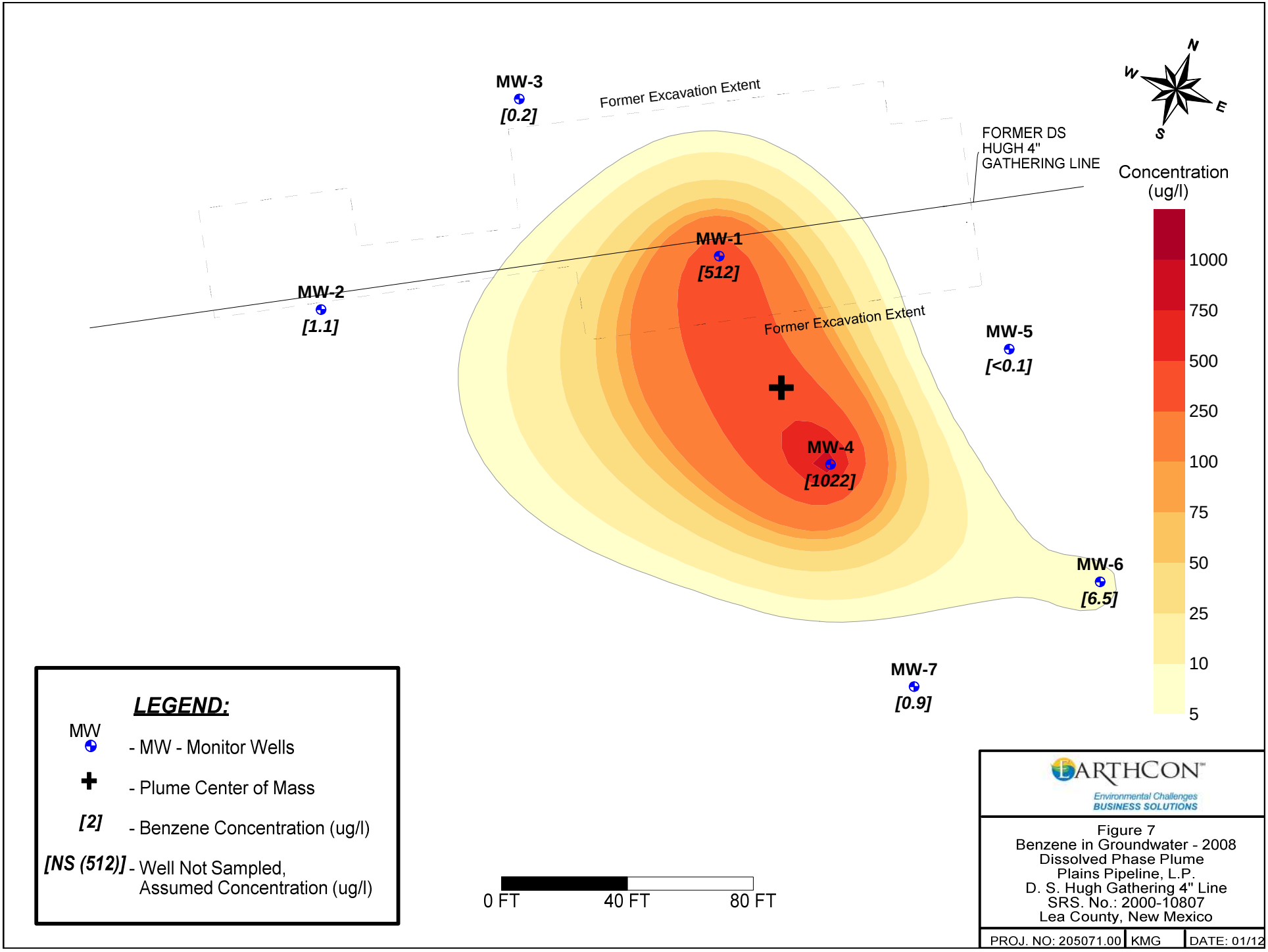
Figure 5
Benzene in Groundwater - 2006
Dissolved Phase Plume
Plains Pipeline, L.P.
D. S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico

PROJ. NO: 205071.00	KMG	DATE: 01/12


MW-3
[<0.1]
Former Excavation Extent
FORMER DS
HUGH 4"
GATHERING LINE
N
W
E
S
Concentration
(ug/l)
1000
750
500
250
100
75
50
25
10
5
MW-1
[NS (512)]
MW-2
[<0.1]
Former Excavation Extent
MW-5
[<0.1]
MW-4
[1300]
MW-6
[<0.1]
MW-7
[<0.1]
LEGEND:
MW - MW - Monitor Wells
+ - Plume Center of Mass
[2] - Benzene Concentration (ug/l)
[NS (512)] - Well Not Sampled, Assumed Concentration (ug/l)
0 FT
40 FT
80 FT
EARTHCON
Environmental Challenges
BUSINESS SOLUTIONS
Figure 6
Benzene in Groundwater - 2007
Dissolved Phase Plume
Plains Pipeline, L.P.
D. S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico
PROJ. NO: 205071.00
KMG
DATE: 01/12



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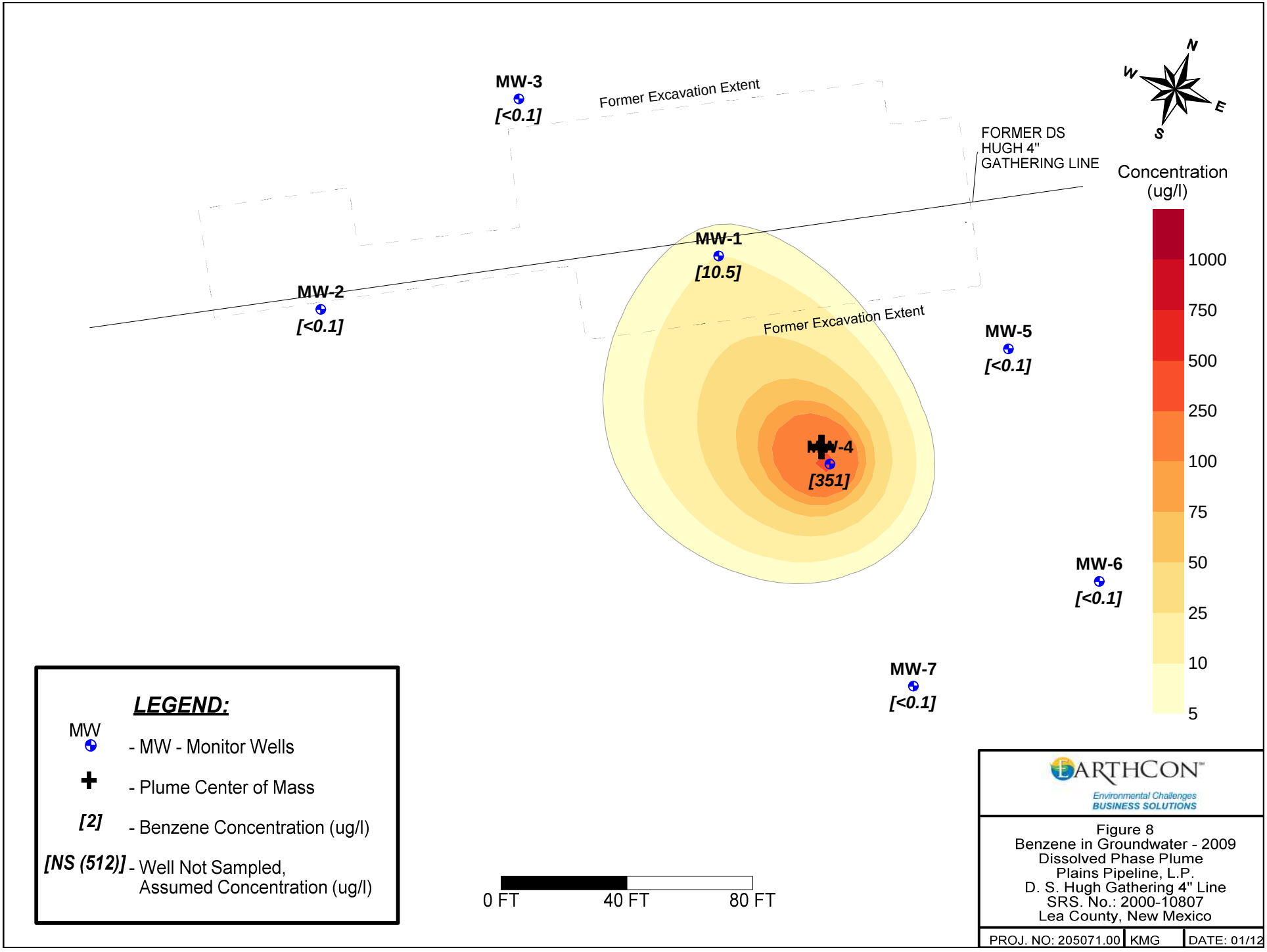
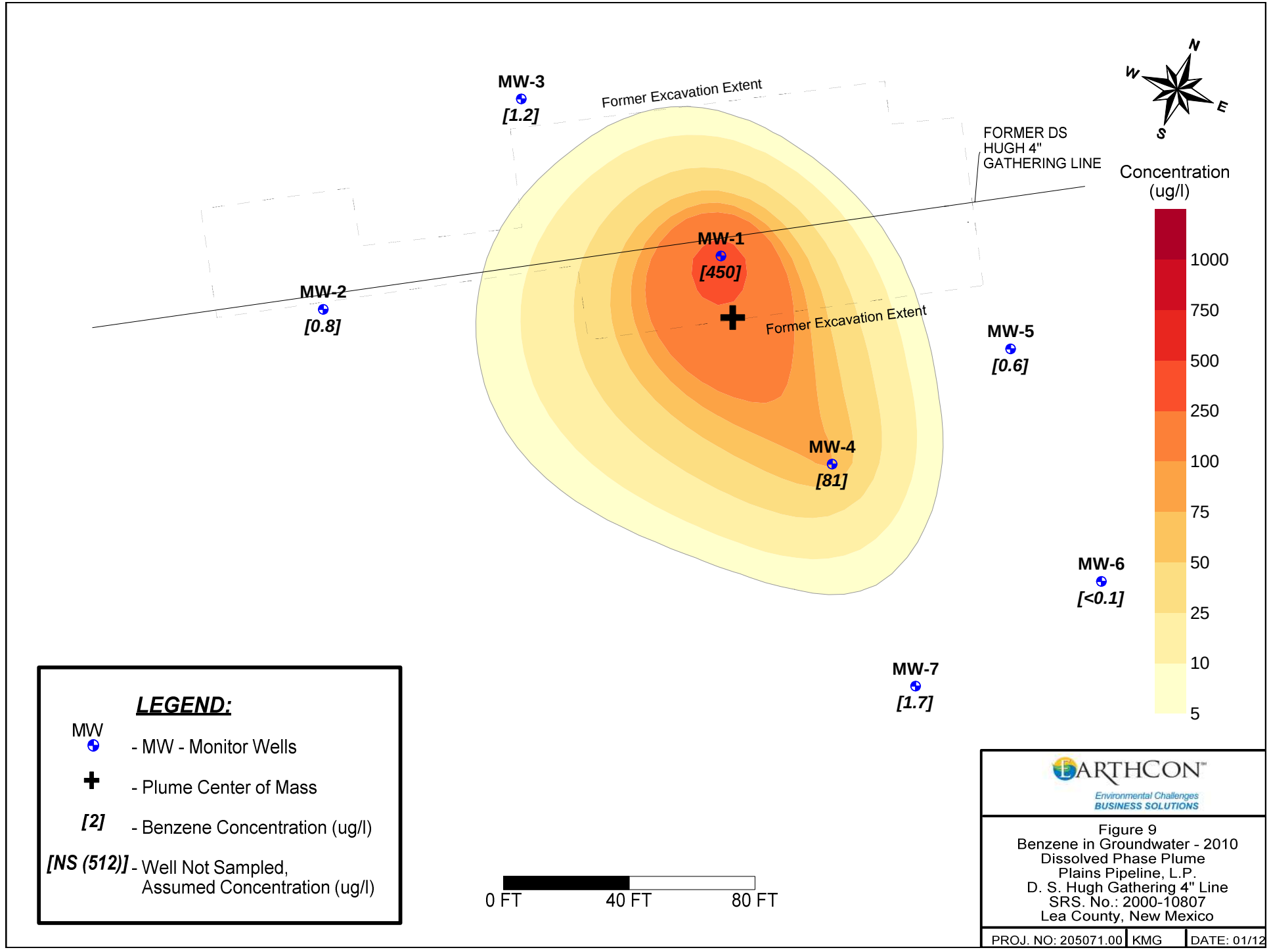
Environmental Challenges
BUSINESS SOLUTIONS

Figure 7
Benzene in Groundwater - 2008
Dissolved Phase Plume
Plains Pipeline, L.P.
D. S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico

PROJ. NO: 205071.00	KMG	DATE: 01/12


MW-3
[<0.1]
Former Excavation Extent
FORMER DS HUGH 4" GATHERING LINE
MW-1
[10.5]
MW-2
[<0.1]
Former Excavation Extent
MW-5
[<0.1]
MW-4
[351]
MW-6
[<0.1]
MW-7
[<0.1]
N
W
E
S
Concentration (ug/l)
1000
750
500
250
100
75
50
25
10
5
LEGEND:
MW - MW - Monitor Wells
+ - Plume Center of Mass
[2] - Benzene Concentration (ug/l)
[NS (512)] - Well Not Sampled, Assumed Concentration (ug/l)
0 FT
40 FT
80 FT
EARTHCON
Environmental Challenges BUSINESS SOLUTIONS
Figure 8
Benzene in Groundwater - 2009
Dissolved Phase Plume
Plains Pipeline, L.P.
D. S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico
PROJ. NO: 205071.00
KMG
DATE: 01/12



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Environmental Challenges BUSINESS SOLUTIONS

Figure 9
Benzene in Groundwater - 2010
Dissolved Phase Plume
Plains Pipeline, L.P.
D. S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico

PROJ. NO: 205071.00	KMG	DATE: 01/12

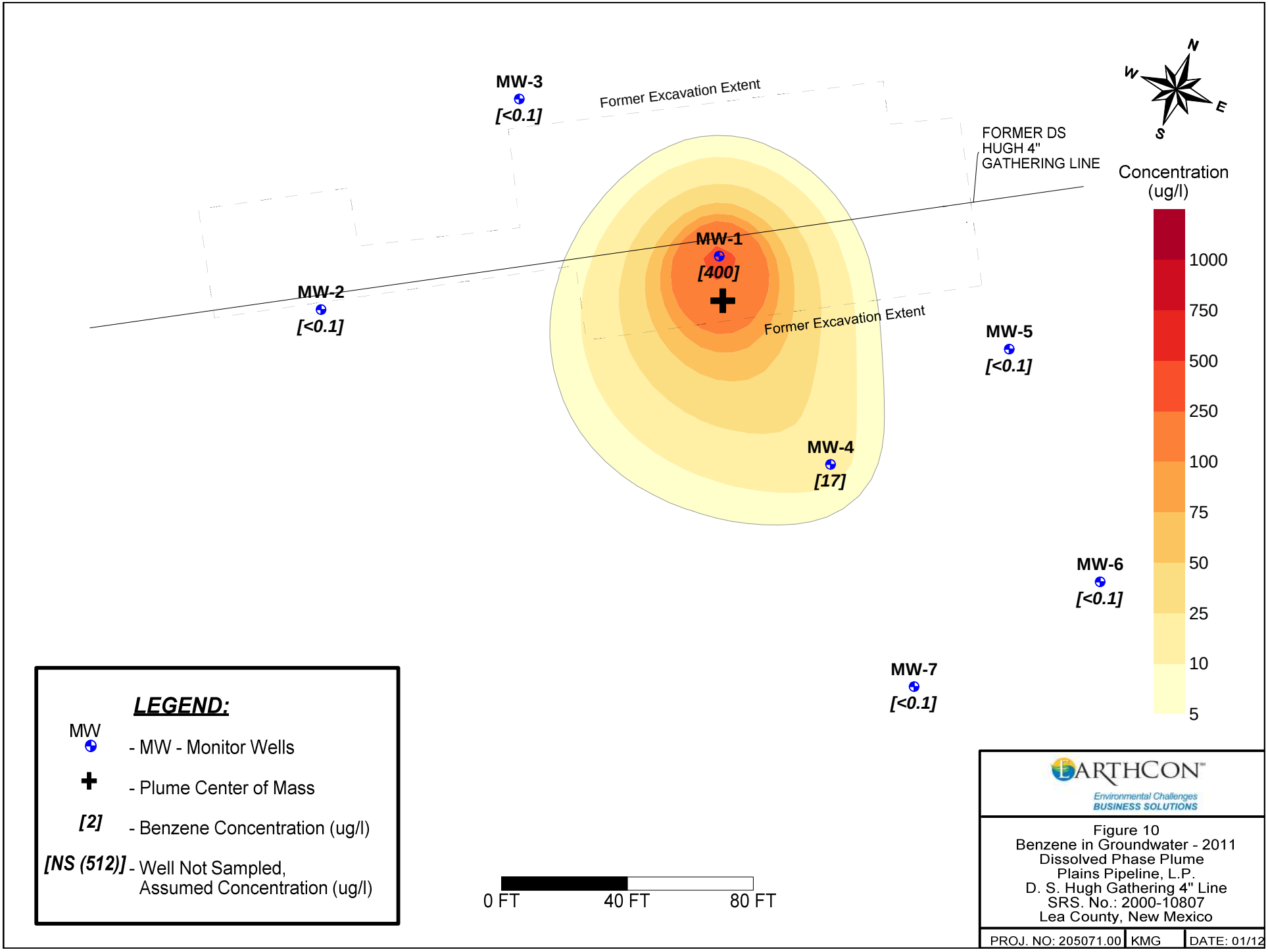

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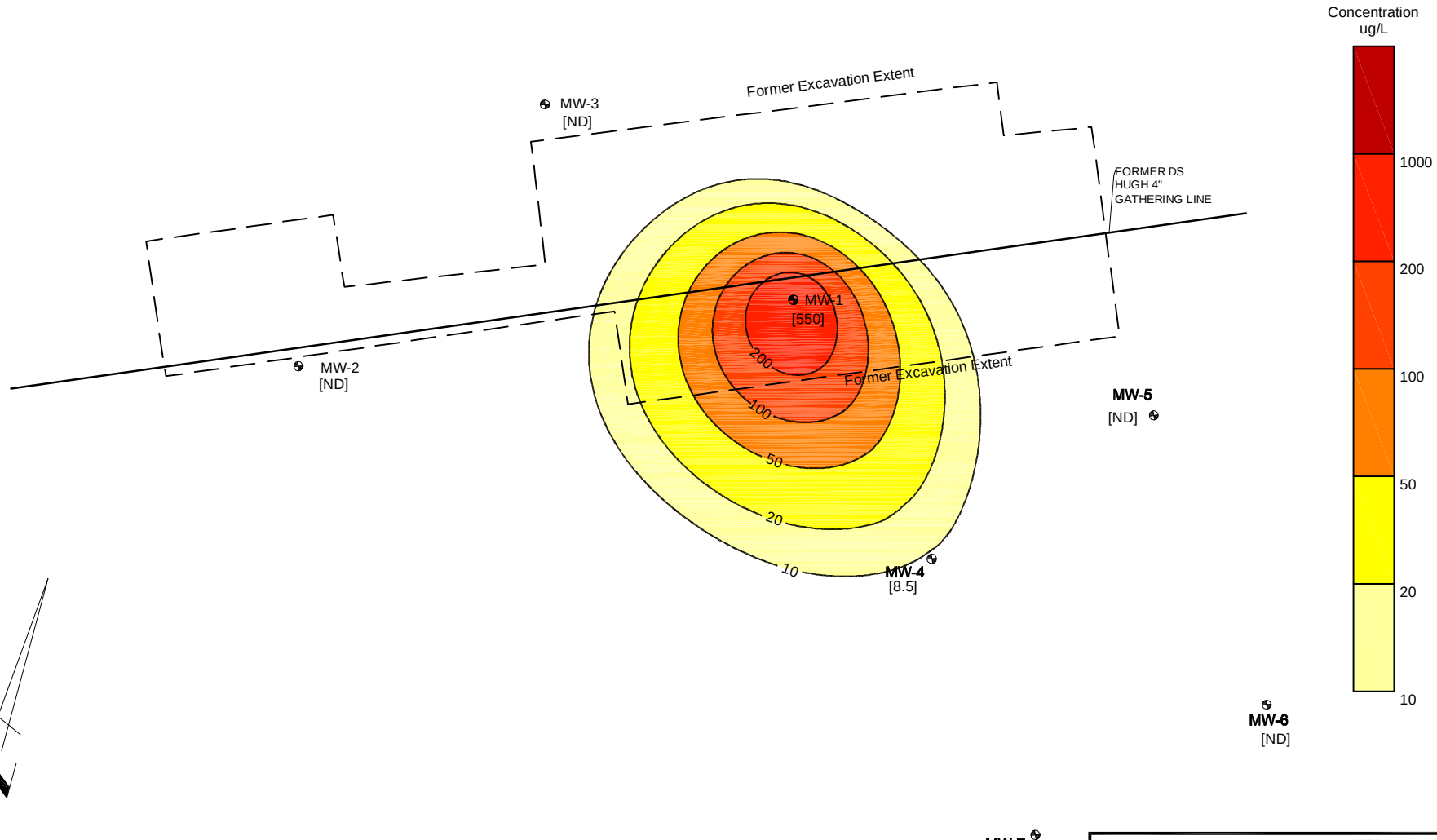
Figure 10
Benzene in Groundwater - 2011
Dissolved Phase Plume
Plains Pipeline, L.P.
D. S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Lea County, New Mexico

PROJ. NO: 205071.00	KMG	DATE: 01/12



LEGEND:

- MW- - MONITOR WELL LOCATIONS
- — — — - FORMER EXCAVATION EXTENT
- [550] - BENZENE CONCENTRATION IN ug/L
- ND - NOT DETECTED

NOTE:

The benzene concentrations presented on this map represent an average of the concentrations reported in the groundwater samples collected during each quarterly sampling event during 2012. The only exception is the concentration reported in groundwater sample collected from MW-1. This well was only sampled during the 2nd Quarter 2012.

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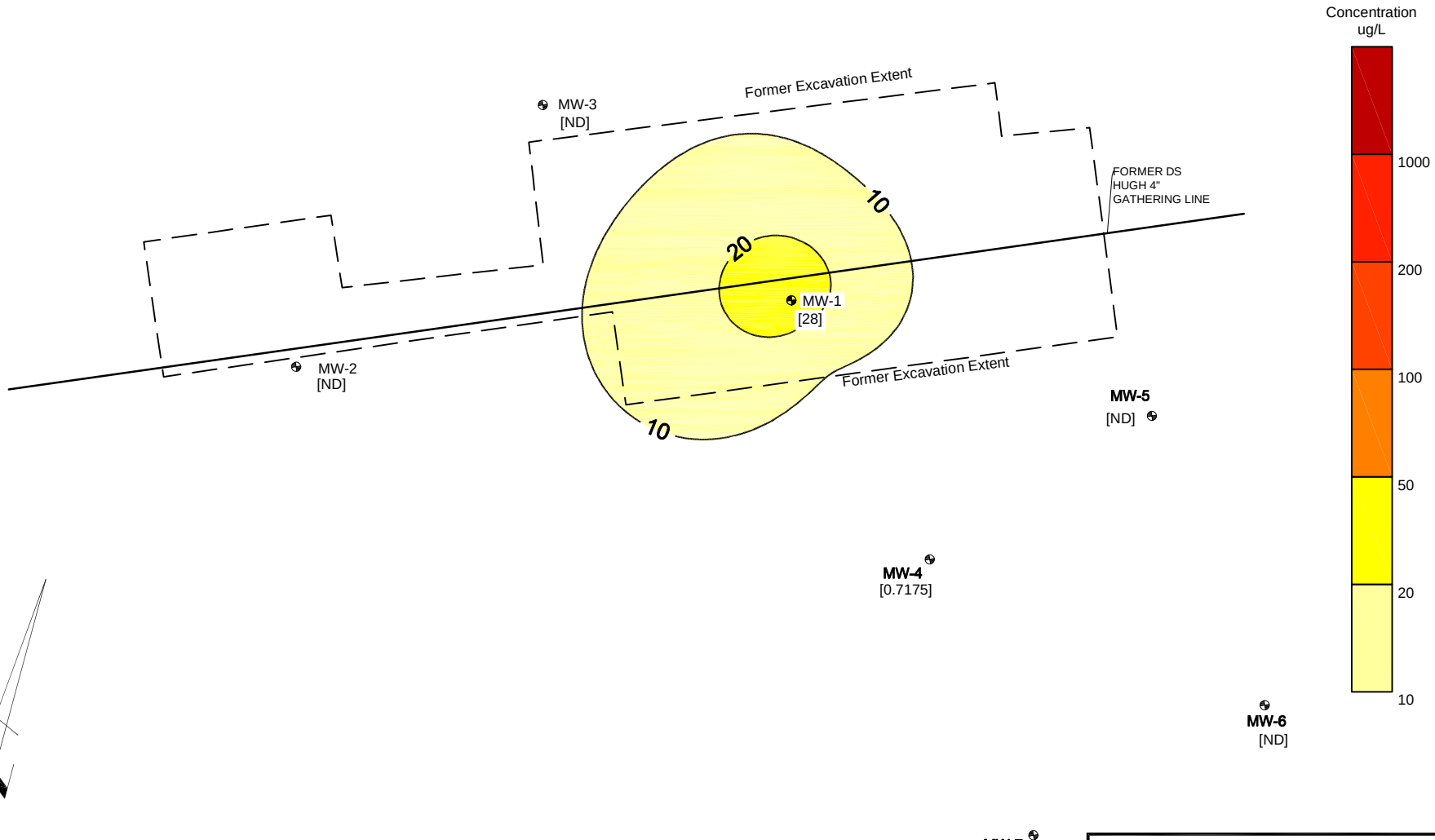
Figure 11
2012 - Benzene Isopleth Map
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Plains Marketing, L.P.
Lea County, New Mexico

PROJ. NO: PAA12003 | DATE: 7/12



LEGEND:

- MW- - MONITOR WELL LOCATIONS
- — — — - FORMER EXCAVATION EXTENT
- [28] - BENZENE CONCENTRATION IN ug/L
- ND - NOT DETECTED

NOTE:

The benzene concentrations presented on this map represent an average of the concentrations reported in the groundwater samples collected during each quarterly sampling event during 2013. The only exception is the concentration reported in groundwater sample collected from MW-1. This well was only sampled during the 2nd Quarter 2013.

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Figure 12
2013 - Benzene Isopleth Map
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Plains Marketing, L.P.
Lea County, New Mexico

PROJ. NO: PAA12003 | DATE: 2/14

TABLES

TABLE 1
2013 Well Survey Data and Groundwater Elevations
Plains Marketing, L.P.
DS Hugh Site
SRS #2000-10807
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-1	02/27/13	3389.00	47.27	48.60	1.33	NA	NA	NA	3341.53	
MW-1	06/10/13	3389.00	47.37	48.79	1.42	NA	NA	NA	3341.42	
MW-1	09/11/13	3389.00	47.87	49.23	1.36	NA	NA	NA	3340.93	
MW-1	12/11/13	3389.00	48.18	50.02	1.84	NA	NA	NA	3340.54	
MW-2	02/27/13	3388.38	NA	47.18	NA	NA	NA	NA	3341.20	
MW-2	06/10/13	3388.38	NA	47.28	NA	NA	NA	NA	3341.10	
MW-2	09/11/13	3388.38	NA	47.74	NA	NA	NA	NA	3340.64	
MW-2	12/11/13	3388.38	NA	48.07	NA	NA	NA	NA	3340.31	
MW-3	02/27/13	3388.52	NA	47.50	NA	NA	NA	NA	3341.02	
MW-3	06/10/13	3388.52	NA	47.60	NA	NA	NA	NA	3340.92	
MW-3	09/11/13	3388.52	NA	48.09	NA	NA	NA	NA	3340.43	
MW-3	12/11/13	3388.52	NA	48.44	NA	NA	NA	NA	3340.08	
MW-4	02/27/13	3388.92	NA	48.30	NA	NA	NA	NA	3340.62	
MW-4	06/10/13	3388.92	NA	48.41	NA	NA	NA	NA	3340.51	
MW-4	09/11/13	3388.92	NA	48.87	NA	NA	NA	NA	3340.05	
MW-4	12/11/13	3388.92	NA	49.24	NA	NA	NA	NA	3339.68	
MW-5	02/27/13	3389.40	NA	48.70	NA	NA	NA	NA	3340.70	
MW-5	06/10/13	3389.40	NA	48.82	NA	NA	NA	NA	3340.58	
MW-5	09/11/13	3389.40	NA	49.31	NA	NA	NA	NA	3340.09	
MW-5	12/11/13	3389.40	NA	49.70	NA	NA	NA	NA	3339.70	
MW-6	02/27/13	3389.72	NA	49.39	NA	NA	NA	NA	3340.33	
MW-6	06/10/13	3389.72	NA	49.52	NA	NA	NA	NA	3340.20	
MW-6	09/11/13	3389.72	NA	49.97	NA	NA	NA	NA	3339.75	
MW-6	12/11/13	3389.72	NA	50.34	NA	NA	NA	NA	3339.38	
MW-7	02/27/13	3389.28	NA	48.94	NA	NA	NA	NA	3340.34	
MW-7	06/10/13	3389.28	NA	49.05	NA	NA	NA	NA	3340.23	
MW-7	09/11/13	3389.28	NA	49.51	NA	NA	NA	NA	3339.77	
MW-7	12/11/13	3389.28	NA	49.84	NA	NA	NA	NA	3339.44	

NA: Not Applicable
NG: Not Gauged
[a] Possible error in field data entry

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-1	12/21/05	3389.00	59.82	ND	46.22	ND	NA	NA	3342.78	Sampled, Installed Sock
MW-1	12/29/05	3389.00	NG	ND	46.16	ND	NA	NA	3342.84	New Sock
MW-1	01/05/06	3389.00	NG	ND	46.26	ND	NA	NA	3342.74	Sock
MW-1	02/09/06	3389.00	NG	ND	45.05	ND	NA	NA	3343.95	Sock
MW-1	02/22/06	3389.00	NG	ND	46.00	ND	NA	NA	3343.00	Sock
MW-1	03/28/06	3389.00	NG	ND	45.94	ND	NA	NA	3343.06	Sampled, Flipped Sock
MW-1	04/13/06	3389.00	NG	ND	45.98	ND	NA	NA	3343.02	Sock
MW-1	04/25/06	3389.00	NG	ND	45.93	ND	NA	NA	3343.07	Sock
MW-1	05/03/06	3389.00	NG	ND	45.88	ND	NA	NA	3343.12	Sock
MW-1	05/11/06	3389.00	NG	ND	45.90	ND	NA	NA	3343.10	Sock
MW-1	05/24/06	3389.00	NG	ND	45.91	ND	NA	NA	3343.09	Sock
MW-1	06/07/06	3389.00	NG	ND	45.97	ND	0.00	5.00	3343.03	Sock
MW-1	06/07/06	3389.00	NG	ND	46.10	ND	NA	NA	3342.90	Sock
MW-1	06/15/06	3389.00	NG	ND	45.92	ND	NA	NA	3343.08	Sampled, Sock
MW-1	06/29/06	3389.00	NG	ND	46.05	ND	0.10	0.00	3342.95	Sock
MW-1	07/11/06	3389.00	NG	ND	46.06	ND	0.10	0.00	3342.94	Sock
MW-1	07/25/06	3389.00	NG	ND	46.11	ND	0.10	0.00	3342.89	Sock
MW-1	08/09/06	3389.00	59.35	ND	46.22	ND	NA	NA	3342.78	Sock
MW-1	08/22/06	3389.00	NG	ND	46.30	ND	0.10	9.90	3342.70	
MW-1	08/22/06	3389.00	NG	ND	46.58	ND		NA	3342.42	New Sock
MW-1	09/12/06	3389.00	59.55	46.27	46.57	0.30	NA	NA	3342.69	Sampled, New
MW-1	09/19/06	3389.00	NG	46.36	46.50	0.14	0.10	9.90	3342.62	
MW-1	09/19/06	3389.00	NG	ND	46.73	ND	NA	NA	3342.27	New Sock
MW-1	10/03/06	3389.00	NG	ND	46.32	ND	NA	NA	3342.68	
MW-1	10/03/06	3389.00	NG	ND	46.48	ND	0.00	10.00	3342.52	Sock
MW-1	10/17/06	3389.00	NG	ND	46.34	ND	NA	NA	3342.66	Removed Sock
MW-1	10/31/06	3389.00	NG	ND	45.93	ND	NA	NA	3343.07	New Sock
MW-1	11/15/06	3389.00	NG	45.73	45.98	0.25	0.50	9.50	3343.23	
MW-1	11/15/06	3389.00	NG	ND	45.98	ND	NA	NA	3343.02	New Sock
MW-1	12/06/06	3389.00	NG	44.55	44.80	0.25	NA	NA	3344.41	New Sock
MW-1	12/13/06	3389.00	NG	44.51	44.86	0.35	0.50	4.50	3344.44	
MW-1	12/13/06	3389.00	NG	ND	45.22	ND	NA	NA	3343.78	
MW-1	01/03/07	3389.00	NG	45.53	45.60	0.07	0.00	5.00	3343.46	New Sock
MW-1	01/09/07	3389.00	NG	ND	45.64	ND	0.25	9.50	3343.36	
MW-1	01/09/07	3389.00	NG	ND	46.18	ND	NA	NA	3342.82	Sock
MW-1	01/18/07	3389.00	NG	45.50	45.75	0.25	0.25	8.50	3343.46	
MW-1	01/18/07	3389.00	NG	ND	45.72	ND	NA	NA	3343.28	Removed Sock

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-1	01/25/07	3389.00	NG	45.42	45.62	0.20	0.25	9.50	3343.55	
MW-1	01/25/07	3389.00	NG	45.63	45.65	0.02	NA	NA	3343.37	
MW-1	01/31/07	3389.00	NG	45.35	45.50	0.15	0.10	9.90	3343.63	
MW-1	01/31/07	3389.00	NG	ND	45.70	ND	NA	NA	3343.30	
MW-1	02/07/07	3389.00	NG	45.40	45.54	0.14	0.10	9.50	3343.58	
MW-1	02/07/07	3389.00	NG	ND	45.59	ND	NA	NA	3343.41	Installed Sock
MW-1	02/14/07	3389.00	NG	ND	45.61	ND	0.10	9.90	3343.39	
MW-1	02/14/07	3389.00	NG	ND	45.61	ND	NA	NA	3343.39	Flipped Sock
MW-1	02/21/07	3389.00	NG	ND	45.58	ND	0.10	9.90	3343.42	
MW-1	02/21/07	3389.00	NG	ND	45.60	ND	NA	NA	3343.40	Sock
MW-1	03/07/07	3389.00	NG	45.41	45.56	0.15	0.25	10.00	3343.57	
MW-1	03/07/07	3389.00	NG	45.53	45.55	0.02	NA	NA	3343.47	New Sock
MW-1	03/14/07	3389.00	NG	ND	45.40	ND	0.10	9.90	3343.60	
MW-1	03/14/07	3389.00	NG	ND	45.58	ND	NA	NA	3343.42	New Sock
MW-1	03/21/07	3389.00	NG	ND	45.38	ND	0.10	9.90	3343.62	
MW-1	03/21/07	3389.00	NG	ND	45.50	ND	NA	NA	3343.50	Sock
MW-1	03/28/07	3389.00	NG	ND	45.38	ND	0.10	9.90	3343.62	
MW-1	03/28/07	3389.00	NG	ND	45.42	ND	NA	NA	3343.58	Sock
MW-1	04/10/07	3389.00	NG	ND	45.46	ND	0.10	9.90	3343.54	
MW-1	04/10/07	3389.00	NG	ND	45.50	ND	NA	NA	3343.50	Sock
MW-1	04/18/07	3389.00	NG	ND	45.35	ND	0.10	9.90	3343.65	
MW-1	04/18/07	3389.00	NG	ND	45.50	ND	NA	NA	3343.50	Sock
MW-1	04/24/07	3389.00	NG	ND	45.38	ND	0.10	9.90	3343.62	
MW-1	04/24/07	3389.00	NG	ND	45.43	ND	NA	NA	3343.57	Sock
MW-1	05/03/07	3389.00	NG	ND	45.30	ND	0.10	9.90	3343.70	
MW-1	05/03/07	3389.00	NG	ND	45.45	ND	NA	NA	3343.55	Flipped Sock
MW-1	05/11/07	3389.00	NG	ND	45.40	ND	0.10	9.90	3343.60	
MW-1	05/11/07	3389.00	NG	ND	45.75	ND	NA	NA	3343.25	Removed Sock
MW-1	05/16/07	3389.00	NG	45.36	45.37	0.01	0.10	9.90	3343.64	
MW-1	05/16/07	3389.00	NG	ND	45.71	ND	NA	NA	3343.29	Installed Sock
MW-1	05/23/07	3389.00	NG	ND	45.32	ND	0.10	9.90	3343.68	
MW-1	05/23/07	3389.00	NG	ND	45.51	ND	NA	NA	3343.49	Sock
MW-1	05/31/07	3389.00	59.00	ND	45.28	ND	NA	NA	3343.72	New Sock
MW-1	06/06/07	3389.00	59.00	ND	45.25	ND	0.10	9.90	3343.75	
MW-1	06/06/07	3389.00	59.00	ND	45.50	ND	NA	NA	3343.50	Sock
MW-1	07/05/07	3389.00	58.50	ND	45.35	ND	0.10	9.90	3343.65	
MW-1	07/05/07	3389.00	58.50	ND	45.65	ND	NA	NA	3343.35	New Sock
MW-1	07/11/07	3389.00	58.50	ND	45.37	ND	0.10	9.90	3343.63	
MW-1	07/11/07	3389.00	58.50	ND	45.61	ND	NA	NA	3343.39	Sock

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
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D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-1	07/19/07	3389.00	58.50	ND	45.40	ND	0.10	9.90	3343.60	
MW-1	07/19/07	3389.00	58.50	ND	45.86	ND	NA	NA	3343.14	Sock
MW-1	07/24/07	3389.00	58.50	ND	45.47	ND	0.10	9.90	3343.53	
MW-1	07/24/07	3389.00	58.50	ND	45.91	ND	NA	NA	3343.09	Sock
MW-1	07/31/07	3389.00	58.51	ND	45.50	ND	0.10	9.90	3343.50	
MW-1	07/31/07	3389.00	58.51	ND	45.99	ND	NA	NA	3343.01	Sock
MW-1	08/09/07	3389.00	58.51	ND	45.42	ND	0.10	9.90	3343.58	
MW-1	08/09/07	3389.00	58.51	ND	45.91	ND	NA	NA	3343.09	New Sock
MW-1	08/16/07	3389.00	58.51	ND	45.41	ND	0.10	9.90	3343.59	
MW-1	08/16/07	3389.00	58.51	ND	45.86	ND	NA	NA	3343.14	Sock
MW-1	08/22/07	3389.00	58.51	ND	45.31	ND	0.10	9.90	3343.69	
MW-1	08/22/07	3389.00	58.51	ND	45.75	ND	NA	NA	3343.25	Sock
MW-1	08/28/07	3389.00	58.51	45.44	45.49	0.05	0.10	9.90	3343.55	
MW-1	08/28/07	3389.00	58.51	ND	45.75	ND	NA	NA	3343.25	Sock
MW-1	09/07/07	3389.00	58.55	ND	45.54	ND	NA	NA	3343.46	
MW-1	09/13/07	3389.00	58.55	ND	45.62	ND	0.10	9.90	3343.38	
MW-1	09/13/07	3389.00	58.55	ND	45.98	ND	NA	NA	3343.02	Sock
MW-1	09/18/07	3389.00	58.55	ND	45.50	ND	0.10	9.90	3343.50	
MW-1	09/18/07	3389.00	58.55	ND	45.72	ND	NA	NA	3343.28	Sock
MW-1	09/26/07	3389.00	58.55	ND	45.51	ND	0.10	9.90	3343.49	
MW-1	09/26/07	3389.00	58.55	ND	45.76	ND	NA	NA	3343.24	Sock
MW-1	10/04/07	3389.00	58.55	ND	46.00	ND	0.10	8.90	3343.00	
MW-1	10/04/07	3389.00	58.55	ND	46.33	ND	NA	NA	3342.67	Sock
MW-1	10/10/07	3389.00	58.55	ND	46.14	ND	0.10	8.90	3342.86	
MW-1	10/10/07	3389.00	58.55	ND	46.44	ND	NA	NA	3342.56	Sock
MW-1	10/17/07	3389.00	58.55	ND	46.15	ND	0.10	8.90	3342.85	
MW-1	10/17/07	3389.00	58.55	ND	46.32	ND	NA	NA	3342.68	Sock
MW-1	10/24/07	3389.00	58.55	47.35	47.68	0.33	0.10	39.90	3341.60	
MW-1	10/24/07	3389.00	58.55	46.65	46.80	0.15	NA	NA	3342.33	New Sock
MW-1	10/31/07	3389.00	58.55	45.52	45.98	0.46	0.50	10.00	3343.41	
MW-1	10/31/07	3389.00	58.55	ND	46.23	ND	NA	NA	3342.77	New Sock
MW-1	11/07/07	3389.00	58.55	45.63	46.02	0.39	0.50	9.00	3343.31	
MW-1	11/07/07	3389.00	58.55	46.10	46.14	0.04	NA	NA	3342.89	Sock
MW-1	11/13/07	3389.00	58.55	45.50	45.96	0.46	NA	NA	3343.43	Sock
MW-1	11/20/07	3389.00	58.55	45.50	45.96	0.46	NA	NA	3343.43	Sock
MW-1	11/20/07	3389.00	58.55	46.17	46.18	0.01	NA	NA	3342.83	
MW-1	11/27/07	3389.00	58.55	45.90	45.98	0.08	0.10	9.00	3343.09	
MW-1	11/27/07	3389.00	58.55	ND	46.10	ND	NA	NA	3342.90	Sock
MW-1	12/05/07	3389.00	58.55	45.50	45.60	0.10	0.10	9.00	3343.49	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-1	12/05/07	3389.00	58.55	ND	46.15	ND	NA	NA	3342.85	New Sock
MW-1	12/12/07	3389.00	58.55	ND	45.58	ND	0.10	8.90	3343.42	
MW-1	12/12/07	3389.00	58.55	ND	46.00	ND	NA	NA	3343.00	Sock
MW-1	12/18/07	3389.00	58.55	45.50	45.63	0.13	0.20	9.00	3343.48	
MW-1	12/18/07	3389.00	58.55	ND	46.22	ND	NA	NA	3342.78	New Sock
MW-1	12/28/07	3389.00	58.55	ND	45.62	ND	0.10	8.90	3343.38	
MW-1	12/28/07	3389.00	58.55	ND	45.98	ND	NA	NA	3343.02	New Sock
MW-1	01/09/08	3389.00	58.55	45.55	45.70	0.15	NA	NA	3343.43	New Sock
MW-1	01/17/08	3389.00	58.55	45.42	45.92	0.50	0.50	19.50	3343.51	
MW-1	01/17/08	3389.00	58.55	ND	45.60	ND	NA	NA	3343.40	New Sock
MW-1	01/23/08	3389.00	58.55	45.50	45.65	0.15	0.25	9.00	3343.48	
MW-1	01/23/08	3389.00	58.55	ND	45.75	ND	NA	NA	3343.25	New Sock
MW-1	01/30/08	3389.00	58.55	45.53	45.55	0.02	0.10	19.90	3343.47	
MW-1	01/30/08	3389.00	58.55	ND	46.46	ND	NA	NA	3342.54	Sock
MW-1	02/06/08	3389.00	58.55	ND	45.60	ND	0.10	19.90	3343.40	
MW-1	02/06/08	3389.00	58.55	ND	46.25	ND	NA	NA	3342.75	Sock
MW-1	02/13/08	3389.00	58.55	45.46	45.55	0.09	0.10	19.90	3343.53	
MW-1	02/13/08	3389.00	58.55	ND	46.21	ND	NA	NA	3342.79	New Sock
MW-1	02/19/08	3389.00	58.55	45.50	45.53	0.03	0.10	19.90	3343.50	
MW-1	02/19/08	3389.00	58.55	ND	46.43	ND	NA	NA	3342.57	Flipped Sock
MW-1	02/27/08	3389.00	58.55	45.49	45.59	0.10	0.10	19.90	3343.50	
MW-1	02/27/08	3389.00	58.55	ND	46.15	ND	NA	NA	3342.85	New Sock
MW-1	03/04/08	3389.00	58.55	ND	45.50	ND	0.10	19.90	3343.50	
MW-1	03/04/08	3389.00	58.55	ND	46.70	ND	NA	NA	3342.30	New Sock
MW-1	03/12/08	3389.00	58.55	45.45	45.48	0.03	0.10	19.90	3343.55	
MW-1	03/12/08	3389.00	58.55	ND	46.70	ND	NA	NA	3342.30	New Sock
MW-1	03/19/08	3389.00	58.55	45.49	45.50	0.01	0.10	19.90	3343.51	
MW-1	03/19/08	3389.00	58.55	ND	46.67	ND	NA	NA	3342.33	New Sock
MW-1	03/26/08	3389.00	58.55	45.49	45.50	0.01	0.10	19.90	3343.51	
MW-1	03/26/08	3389.00	58.55	ND	46.42	ND	NA	NA	3342.58	Flipped Sock
MW-1	04/02/08	3389.00	58.55	45.45	45.46	0.01	0.10	19.90	3343.55	
MW-1	04/02/08	3389.00	58.55	ND	46.32	ND	NA	NA	3342.68	Sock
MW-1	04/09/08	3389.00	58.55	ND	45.48	ND	0.10	19.90	3343.52	
MW-1	04/09/08	3389.00	58.55	ND	45.50	ND	NA	NA	3343.50	Sock
MW-1	04/16/08	3389.00	58.55	ND	45.41	ND	0.10	19.90	3343.59	
MW-1	04/16/08	3389.00	58.55	ND	45.66	ND	NA	NA	3343.34	Sock
MW-1	04/24/08	3389.00	58.55	ND	45.34	ND	0.10	19.90	3343.66	
MW-1	04/24/08	3389.00	58.55	ND	46.00	ND	NA	NA	3343.00	New Sock
MW-1	04/30/08	3389.00	58.55	ND	45.38	ND	0.10	19.90	3343.62	

TABLE 2
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D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-1	04/30/08	3389.00	58.55	ND	45.96	ND	NA	NA	3343.04	Flipped Sock
MW-1	05/07/08	3389.00	58.55	ND	45.43	ND	0.10	19.90	3343.57	
MW-1	05/07/08	3389.00	58.55	ND	45.86	ND	NA	NA	3343.14	Sock
MW-1	05/14/08	3389.00	58.55	45.46	45.48	0.02	0.10	19.90	3343.54	
MW-1	05/14/08	3389.00	58.55	ND	46.00	ND	NA	NA	3343.00	Sock
MW-1	05/22/08	3389.00	58.55	ND	45.42	ND	0.10	25.90	3343.58	
MW-1	05/22/08	3389.00	58.55	ND	47.10	ND	NA	NA	3341.90	Sampled, New
MW-1	05/29/08	3389.00	58.55	ND	45.41	ND	0.10	19.90	3343.59	
MW-1	05/29/08	3389.00	58.55	ND	45.96	ND	NA	NA	3343.04	Sock
MW-1	06/04/08	3389.00	58.55	ND	45.43	ND	0.10	19.90	3343.57	
MW-1	06/04/08	3389.00	58.55	ND	46.02	ND	NA	NA	3342.98	Sock
MW-1	06/11/08	3389.00	58.55	ND	45.48	ND	0.10	19.90	3343.52	
MW-1	06/11/08	3389.00	58.55	ND	45.99	ND	NA	NA	3343.01	Sock
MW-1	06/18/08	3389.00	58.55	ND	45.52	ND	0.10	19.90	3343.48	
MW-1	06/18/08	3389.00	58.55	ND	46.08	ND	NA	NA	3342.92	Sock
MW-1	06/26/08	3389.00	58.55	ND	46.12	ND	0.00	10.00	3342.88	
MW-1	06/26/08	3389.00	58.55	ND	47.12	ND	NA	NA	3341.88	Sock
MW-1	07/07/08	3389.00	58.55	ND	46.00	ND	0.10	19.90	3343.00	
MW-1	07/07/08	3389.00	58.55	ND	46.12	ND	NA	NA	3342.88	New Sock
MW-1	07/16/08	3389.00	58.55	45.51	45.56	0.05	0.10	19.90	3343.48	
MW-1	07/16/08	3389.00	58.55	ND	46.21	ND	NA	NA	3342.79	Sock
MW-1	07/21/08	3389.00	58.55	45.36	45.60	0.24	0.10	19.90	3343.60	
MW-1	07/21/08	3389.00	58.55	ND	46.18	ND	NA	NA	3342.82	Sock
MW-1	07/29/08	3389.00	58.55	45.59	45.63	0.04	0.10	19.90	3343.40	
MW-1	07/29/08	3389.00	58.55	ND	46.28	ND	NA	NA	3342.72	Sock
MW-1	08/06/08	3389.00	58.55	45.50	45.66	0.16	NA	NA	3343.48	New Sock
MW-1	08/13/08	3389.00	58.55	45.53	45.60	0.07	0.10	19.90	3343.46	
MW-1	08/13/08	3389.00	58.55	ND	46.36	ND	NA	NA	3342.64	Sock
MW-1	08/20/08	3389.00	58.55	45.50	45.88	0.38	NA	NA	3343.44	Sock
MW-1	08/27/08	3389.00	58.55	45.58	45.99	0.41	0.00	20.00	3343.36	
MW-1	08/27/08	3389.00	58.55	ND	46.32	ND	NA	NA	3342.68	Sock
MW-1	09/02/08	3389.00	58.55	45.68	45.79	0.11	0.00	20.00	3343.30	
MW-1	09/02/08	3389.00	58.55	ND	46.21	ND	NA	NA	3342.79	Sock
MW-1	09/09/08	3389.00	58.55	45.73	45.85	0.12	0.00	20.00	3343.25	
MW-1	09/09/08	3389.00	58.55	ND	46.42	ND	NA	NA	3342.58	Sock
MW-1	09/17/08	3389.00	58.55	45.73	46.18	0.45	0.50	19.50	3343.20	
MW-1	09/17/08	3389.00	58.55	ND	46.45	ND	NA	NA	3342.55	Sock
MW-1	09/24/08	3389.00	58.55	45.73	46.50	0.77	0.50	19.50	3343.15	
MW-1	09/24/08	3389.00	58.55	ND	46.50	ND	NA	NA	3342.50	Sock

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							PSH	H_20		
MW-1	10/01/08	3389.00	58.55	45.80	46.67	0.87	1.00	19.00	3343.07	
MW-1	10/01/08	3389.00	58.55	ND	46.50	ND	NA	NA	3342.50	Sock
MW-1	10/08/08	3389.00	58.55	45.60	46.52	0.92	1.00	19.00	3343.26	
MW-1	10/08/08	3389.00	58.55	ND	46.85	ND	NA	NA	3342.15	Sock
MW-1	11/05/08	3389.00	58.55	45.80	45.93	0.13	0.50	19.50	3343.18	
MW-1	11/05/08	3389.00	58.55	ND	46.21	ND	NA	NA	3342.79	Sock
MW-1	11/12/08	3389.00	58.55	45.73	45.97	0.24	0.50	9.50	3343.23	
MW-1	11/12/08	3389.00	58.55	45.76	45.81	0.05	NA	NA	3343.23	Sock
MW-1	11/19/08	3389.00	58.55	45.70	46.25	0.55	NA	NA	3343.22	Sock
MW-1	11/26/08	3389.00	58.55	45.79	45.89	0.10	0.25	13.75	3343.20	
MW-1	11/26/08	3389.00	58.55	45.79	45.84	0.05	NA	NA	3343.20	Sock
MW-1	12/03/08	3389.00	58.55	45.85	45.95	0.10	0.25	11.75	3343.14	
MW-1	12/03/08	3389.00	58.55	ND	45.87	ND	NA	NA	3343.13	Sock
MW-1	12/10/08	3389.00	58.55	ND	45.88	ND	NA	NA	3343.12	Sock
MW-1	12/17/08	3389.00	58.55	ND	45.84	ND	NA	NA	3343.16	Sock
MW-1	12/17/08	3389.00	58.55	ND	45.92	ND	0.00	10.00	3343.08	Sock
MW-1	12/21/08	3389.00	58.55	45.86	46.03	0.17	0.50	29.50	3343.11	Sock
MW-1	12/21/08	3389.00	58.55	ND	45.65	ND	NA	NA	3343.35	Sock
MW-1	12/31/08	3389.00	58.55	45.87	45.97	0.10	0.25	9.75	3343.12	Sock
MW-1	12/31/08	3389.00	58.55	ND	45.89	ND	NA	NA	3343.11	Sock
MW-1	01/07/09	3389.00	58.68	45.80	45.82	0.02	0.25	9.75	3343.20	Sock
MW-1	01/07/09	3389.00	58.68	45.78	45.79	0.01	NA	NA	3343.22	Sock
MW-1	01/15/09	3389.00	58.68	45.79	45.89	0.10	0.50	9.50	3343.20	
MW-1	01/15/09	3389.00	58.68	45.83	45.84	0.01	NA	NA	3343.17	
MW-1	01/22/09	3389.00	58.68	45.67	46.03	0.36	1.00	13.00	3343.28	
MW-1	01/22/09	3389.00	58.68	ND	45.74	ND	NA	NA	3343.26	Installed Sock
MW-1	01/28/09	3389.00	58.68	45.67	45.81	0.14	0.50	14.50	3343.31	
MW-1	01/28/09	3389.00	58.68	ND	45.70	ND	NA	NA	3343.30	
MW-1	02/04/09	3389.00	58.77	45.69	45.74	0.05	0.25	19.75	3343.30	
MW-1	02/04/09	3389.00	58.77	ND	45.69	ND	NA	NA	3343.31	
MW-1	02/11/09	3389.00	58.77	45.63	45.67	0.04	0.25	21.75	3343.36	
MW-1	02/11/09	3389.00	58.77	ND	46.58	ND	NA	NA	3342.42	
MW-1	02/17/09	3389.00	58.77	ND	45.59	ND	NA	NA	3343.41	
MW-1	02/25/09	3389.00	58.77	45.57	45.60	0.03	0.10	19.75	3343.43	
MW-1	02/25/09	3389.00	58.77	ND	45.67	ND	NA	NA	3343.33	
MW-1	03/04/09	3389.00	58.77	45.58	45.60	0.02	0.10	9.90	3343.42	
MW-1	03/04/09	3389.00	58.77	ND	45.61	ND	NA	NA	3343.39	
MW-1	03/11/09	3389.00	58.77	ND	45.67	ND	0.00	10.00	3343.33	
MW-1	03/11/09	3389.00	58.77	ND	45.73	ND	NA	NA	3343.27	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-1	03/18/09	3389.00	58.77	ND	45.63	ND	0.00	10.00	3343.37	
MW-1	03/18/09	3389.00	58.77	ND	45.89	ND	NA	NA	3343.11	
MW-1	03/25/09	3389.00	58.77	45.69	45.73	0.04	0.25	14.75	3343.30	
MW-1	03/25/09	3389.00	58.77	ND	46.37	ND	NA	NA	3342.63	
MW-1	04/01/09	3389.00	58.77	45.60	45.95	0.35	0.25	9.75	3343.35	
MW-1	04/01/09	3389.00	58.77	ND	45.67	ND	NA	NA	3343.33	
MW-1	04/08/09	3389.00	58.77	45.65	45.75	0.10	0.10	16.90	3343.34	
MW-1	04/08/09	3389.00	58.77	ND	45.72	ND	NA	NA	3343.28	
MW-1	04/15/09	3389.00	58.77	45.69	45.71	0.02	0.00	15.00	3343.31	
MW-1	04/15/09	3389.00	58.77	ND	45.88	ND	NA	NA	3343.12	
MW-1	04/22/09	3389.00	58.77	ND	45.72	ND	0.00	15.00	3343.28	
MW-1	04/22/09	3389.00	58.77	ND	45.72	ND	NA	NA	3343.28	
MW-1	04/29/09	3389.00	58.77	45.78	45.82	0.04	0.10	14.90	3343.21	
MW-1	04/29/09	3389.00	58.77	ND	46.44	ND	NA	NA	3342.56	
MW-1	05/06/09	3389.00	58.77	45.82	46.02	0.20	0.50	15.00	3343.15	
MW-1	05/06/09	3389.00	58.77	ND	46.39	ND	NA	NA	3342.61	
MW-1	05/14/09	3389.00	58.77	45.84	45.92	0.08	0.10	19.90	3343.15	
MW-1	05/14/09	3389.00	58.77	ND	46.48	ND	NA	NA	3342.52	
MW-1	05/19/09	3389.00	58.77	45.88	45.90	0.02	0.10	29.90	3343.12	Sampled
MW-1	05/28/09	3389.00	58.77	ND	45.79	ND	0.00	15.00	3343.21	
MW-1	05/28/09	3389.00	58.77	ND	46.13	ND	NA	NA	3342.87	
MW-1	06/03/09	3389.00	58.77	45.88	45.93	0.05	0.10	14.90	3343.11	
MW-1	06/03/09	3389.00	58.77	ND	45.92	ND	NA	NA	3343.08	
MW-1	06/11/09	3389.00	58.77	ND	45.93	ND	0.00	10.00	3343.07	
MW-1	06/11/09	3389.00	58.77	ND	46.15	ND	NA	NA	3342.85	
MW-1	06/17/09	3389.00	58.77	46.00	46.05	0.05	0.00	15.00	3342.99	
MW-1	06/17/09	3389.00	58.77	ND	46.62	ND	NA	NA	3342.38	
MW-1	06/23/09	3389.00	58.77	ND	45.96	ND	0.00	20.00	3343.04	New Sock
MW-1	06/23/09	3389.00	58.77	ND	46.85	ND	NA	NA	3342.15	
MW-1	07/01/09	3389.00	58.77	45.91	46.21	0.30	0.25	19.75	3343.05	
MW-1	07/01/09	3389.00	58.77	ND	46.80	ND	NA	NA	3342.20	
MW-1	07/07/09	3389.00	58.77	45.91	45.93	0.02	0.25	14.75	3343.09	
MW-1	07/07/09	3389.00	58.77	ND	46.58	ND	NA	NA	3342.42	
MW-1	07/15/09	3389.00	58.77	ND	45.88	ND	0.00	20.00	3343.12	
MW-1	07/15/09	3389.00	58.77	ND	46.71	ND	NA	NA	3342.29	
MW-1	07/29/09	3389.00	58.77	45.88	45.92	0.04	0.25	19.75	3343.11	
MW-1	07/29/09	3389.00	58.77	ND	46.82	ND	NA	NA	3342.18	
MW-1	08/05/09	3389.00	58.77	45.01	45.12	0.11	0.25	19.75	3343.97	
MW-1	08/05/09	3389.00	58.77	ND	46.93	ND	NA	NA	3342.07	New Sock

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-1	08/12/09	3389.00	58.77	ND	45.75	ND	0.00	20.00	3343.25	
MW-1	08/12/09	3389.00	58.77	ND	46.90	ND	NA	NA	3342.10	Flipped Sock
MW-1	08/19/09	3389.00	58.77	45.74	45.80	0.06	0.10	19.90	3343.25	
MW-1	08/19/09	3389.00	58.77	ND	45.87	ND	NA	NA	3343.13	
MW-1	08/26/09	3389.00	58.77	ND	45.65	ND	NA	NA	3343.35	
MW-1	09/02/09	3389.00	58.77	45.81	45.95	0.14	0.25	19.75	3343.17	New sock
MW-1	09/02/09	3389.00	58.77	ND	45.91	ND	NA	NA	3343.09	
MW-1	09/09/09	3389.00	58.77	45.80	45.85	0.05	0.25	19.75	3343.19	Flipped Sock
MW-1	09/09/09	3389.00	58.77	ND	45.98	ND	NA	NA	3343.02	
MW-1	09/16/09	3389.00	58.77	ND	45.88	ND	0.00	20.00	3343.12	
MW-1	09/16/09	3389.00	58.77	ND	46.63	ND	NA	NA	3342.37	
MW-1	09/23/09	3389.00	58.77	ND	45.83	ND	0.00	20.00	3343.17	Flipped Sock
MW-1	09/23/09	3389.00	58.77	ND	46.52	ND	NA	NA	3342.48	
MW-1	09/30/09	3389.00	58.77	45.87	45.90	0.03	0.00	10.00	3343.13	New Sock
MW-1	09/30/09	3389.00	58.77	ND	46.51	ND	NA	NA	3342.49	
MW-1	09/30/09	3389.00	58.77	45.80	45.81	0.01	0.00	10.00	3343.20	
MW-1	09/30/09	3389.00	58.77	ND	46.73	ND	NA	NA	3342.27	
MW-1	10/07/09	3389.00	58.77	ND	45.90	ND	0.00	10.00	3343.10	Flipped Sock
MW-1	10/07/09	3389.00	58.77	ND	46.71	ND	NA	NA	3342.29	
MW-1	10/07/09	3389.00	58.77	ND	45.87	ND	0.00	10.00	3343.13	
MW-1	10/07/09	3389.00	58.77	ND	46.76	ND	NA	NA	3342.24	
MW-1	10/14/09	3389.00	58.77	45.80	45.82	0.02	0.10	9.90	3343.20	New Sock
MW-1	10/14/09	3389.00	58.77	ND	46.23	ND	NA	NA	3342.77	
MW-1	10/14/09	3389.00	58.77	45.75	45.76	0.01	0.10	9.90	3343.25	
MW-1	10/14/09	3389.00	58.77	ND	46.60	ND	NA	NA	3342.40	
MW-1	10/21/09	3389.00	58.77	45.75	45.80	0.05	0.25	9.75	3343.24	
MW-1	10/21/09	3389.00	58.77	ND	46.35	ND	NA	NA	3342.65	
MW-1	10/29/09	3389.00	58.77	45.73	46.03	0.30	0.25	45.00	3343.23	
MW-1	10/29/09	3389.00	58.77	ND	46.20	ND	NA	NA	3342.80	
MW-1	11/04/09	3389.00	58.77	45.74	45.99	0.25	0.25	20.00	3343.22	
MW-1	11/04/09	3389.00	58.77	ND	46.06	ND	NA	NA	3342.94	
MW-1	11/04/09	3389.00	58.77	45.78	45.81	0.03	0.10	19.90	3343.22	
MW-1	11/04/09	3389.00	58.77	ND	46.10	ND	NA	NA	3342.90	
MW-1	11/11/09	3389.00	58.77	45.72	46.04	0.32	0.25	19.75	3343.23	
MW-1	11/11/09	3389.00	58.77	ND	46.85	ND	NA	NA	3342.15	
MW-1	11/11/09	3389.00	58.77	45.76	45.77	0.01	0.10	19.90	3343.24	
MW-1	11/11/09	3389.00	58.77	ND	46.34	ND	NA	NA	3342.66	
MW-1	11/18/09	3389.00	58.77	45.68	45.99	0.31	0.25	19.75	3343.27	
MW-1	11/18/09	3389.00	58.77	ND	46.38	ND	NA	NA	3342.62	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
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D.S. HUGH SITE
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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-1	11/25/09	3389.00	58.77	45.70	46.05	0.35	0.25	29.75	3343.25	
MW-1	11/25/09	3389.00	58.77	ND	46.33	ND	NA	NA	3342.67	
MW-1	12/02/09	3389.00	58.77	45.68	46.03	0.35	0.25	34.75	3343.27	
MW-1	12/02/09	3389.00	58.77	ND	46.52	ND	NA	NA	3342.48	
MW-1	12/09/09	3389.00	58.77	45.70	46.05	0.35	0.50	20.00	3343.25	
MW-1	12/09/09	3389.00	58.77	ND	46.49	ND	NA	NA	3342.51	
MW-1	12/09/09	3389.00	58.77	45.77	45.79	0.02	0.10	29.90	3343.23	
MW-1	12/09/09	3389.00	58.77	ND	46.77	ND	NA	NA	3342.23	
MW-1	12/16/09	3389.00	58.77	45.79	46.14	0.35	0.10	24.90	3343.16	
MW-1	12/16/09	3389.00	58.77	ND	46.52	ND	NA	NA	3342.48	
MW-1	12/16/09	3389.00	58.77	45.80	45.81	0.01	0.10	24.90	3343.20	
MW-1	12/16/09	3389.00	58.77	ND	46.90	ND	NA	NA	3342.10	
MW-1	12/23/09	3389.00	58.77	45.74	46.10	0.36	0.25	24.75	3343.21	
MW-1	12/23/09	3389.00	58.77	ND	46.29	ND	NA	NA	3342.71	
MW-1	12/23/09	3389.00	58.77	45.76	45.77	0.01	0.10	24.90	3343.24	
MW-1	12/23/09	3389.00	58.77	ND	46.62	ND	NA	NA	3342.38	
MW-1	12/30/09	3389.00	58.77	45.76	46.21	0.45	0.10	29.90	3343.17	
MW-1	12/30/09	3389.00	58.77	ND	46.43	ND	NA	NA	3342.57	
MW-1	12/30/09	3389.00	58.77	45.76	46.02	0.26	0.10	19.90	3343.20	
MW-1	12/30/09	3389.00	58.77	ND	46.68	ND	NA	NA	3342.32	
MW-1	01/06/10	3389.00	58.77	45.80	46.20	0.40	0.25	49.75	3343.14	
MW-1	01/06/10	3389.00	58.77	ND	46.84	ND	NA	NA	3342.16	
MW-1	01/13/10	3389.00	58.77	45.91	46.21	0.30	0.10	49.90	3343.05	
MW-1	01/13/10	3389.00	58.77	ND	46.82	ND	NA	NA	3342.18	
MW-1	01/20/10	3389.00	58.77	45.95	46.20	0.25	0.25	49.75	3343.01	
MW-1	01/20/10	3389.00	58.77	ND	46.52	ND	NA	NA	3342.48	
MW-1	01/27/10	3389.00	58.77	46.04	46.22	0.18	0.10	49.90	3342.93	
MW-1	01/27/10	3389.00	58.77	ND	46.84	ND	NA	NA	3342.16	
MW-1	02/09/10	3389.00	58.77	46.18	46.25	0.07	0.10	49.90	3342.81	
MW-1	02/09/10	3389.00	58.77	ND	46.90	ND	NA	NA	3342.10	
MW-1	02/17/10	3389.00	58.77	46.16	46.20	0.04	0.10	49.90	3342.83	
MW-1	02/17/10	3389.00	58.77	ND	47.29	ND	NA	NA	3341.71	
MW-1	03/02/10	3389.00	58.77	46.08	46.09	0.01	0.10	49.90	3342.92	
MW-1	03/02/10	3389.00	58.77	ND	46.74	ND	NA	NA	3342.26	
MW-1	03/10/10	3389.00	58.77	46.17	46.19	0.02	0.10	39.90	3342.83	
MW-1	03/10/10	3389.00	58.77	ND	46.57	ND	NA	NA	3342.43	
MW-1	03/17/10	3389.00	58.77	46.11	46.17	0.06	0.10	39.90	3342.88	
MW-1	03/17/10	3389.00	58.77	ND	46.69	ND	NA	NA	3342.31	
MW-1	03/24/10	3389.00	58.77	46.10	46.22	0.12	0.10	39.90	3342.88	

TABLE 2
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D.S. HUGH SITE
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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-1	03/24/10	3389.00	58.77	ND	46.72	ND	NA	NA	3342.28	
MW-1	03/31/10	3389.00	58.77	46.11	46.22	0.11	0.10	39.90	3342.87	
MW-1	03/31/10	3389.00	58.77	ND	46.54	ND	NA	NA	3342.46	
MW-1	04/07/10	3389.00	58.77	46.15	46.25	0.10	0.10	39.90	3342.84	
MW-1	04/07/10	3389.00	58.77	ND	47.15	ND	NA	NA	3341.85	
MW-1	04/14/10	3389.00	58.77	46.15	46.32	0.17	0.10	39.90	3342.82	
MW-1	04/14/10	3389.00	58.77	ND	47.20	ND	NA	NA	3341.80	
MW-1	04/21/10	3389.00	58.77	46.12	46.26	0.14	0.10	39.90	3342.86	
MW-1	04/21/10	3389.00	58.77	ND	46.26	ND	NA	NA	3342.74	
MW-1	04/28/10	3389.00	58.77	46.15	46.32	0.17	0.10	39.90	3342.82	
MW-1	04/28/10	3389.00	58.77	ND	46.51	ND	NA	NA	3342.49	
MW-1	05/05/10	3389.00	58.77	46.20	46.37	0.17	0.10	9.90	3342.77	
MW-1	05/05/10	3389.00	58.77	ND	46.34	ND	NA	NA	3342.66	
MW-1	05/12/10	3389.00	58.77	46.16	46.40	0.24	NA	NA	3342.80	Sampled
MW-1	05/19/10	3389.00	58.77	46.20	46.39	0.19	0.10	24.90	3342.77	
MW-1	05/19/10	3389.00	58.77	ND	46.85	ND	NA	NA	3342.15	
MW-1	05/29/10	3389.00	58.77	46.05	46.30	0.25	0.10	29.90	3342.91	
MW-1	05/29/10	3389.00	58.77	ND	46.43	ND	NA	NA	3342.57	
MW-1	06/02/10	3389.00	58.77	46.00	46.19	0.19	0.10	19.90	3342.97	
MW-1	06/02/10	3389.00	58.77	ND	46.53	ND	NA	NA	3342.47	
MW-1	06/12/10	3389.00	58.77	45.91	46.31	0.40	0.10	29.90	3343.03	
MW-1	06/12/10	3389.00	58.77	ND	46.90	ND	NA	NA	3342.10	
MW-1	06/15/10	3389.00	58.77	45.88	46.10	0.22	0.25	39.75	3343.09	
MW-1	06/15/10	3389.00	58.77	ND	46.78	ND	NA	NA	3342.22	
MW-1	06/25/10	3389.00	58.77	45.84	46.87	1.03	1.00	29.00	3343.01	
MW-1	06/25/10	3389.00	58.77	ND	46.81	ND	NA	NA	3342.19	
MW-1	06/30/10	3389.00	58.77	45.85	46.22	0.37	NA	NA	3343.09	
MW-1	07/07/10	3389.00	58.77	ND	45.78	ND	<0.25	20.00	3343.22	
MW-1	07/07/10	3389.00	58.77	ND	46.37	ND	NA	NA	3342.63	
MW-1	07/14/10	3389.00	58.77	45.77	46.14	0.37	0.10	14.90	3343.17	
MW-1	07/14/10	3389.00	58.77	ND	46.61	ND	NA	NA	3342.39	
MW-1	07/20/10	3389.00	58.77	45.88	46.36	0.48	<0.25	30.00	3343.05	
MW-1	07/20/10	3389.00	58.77	ND	47.08	ND	NA	NA	3341.92	
MW-1	07/28/10	3389.00	58.77	45.97	46.44	0.47	<0.25	20.00	3342.96	
MW-1	07/28/10	3389.00	58.77	ND	46.65	ND	NA	NA	3342.35	
MW-1	08/03/10	3389.00	58.77	46.02	46.30	0.28	<0.25	30.00	3342.94	
MW-1	08/03/10	3389.00	58.77	ND	46.53	ND	NA	NA	3342.47	
MW-1	08/11/10	3389.00	58.77	46.09	46.30	0.21	<0.25	3.00	3342.88	
MW-1	08/17/10	3389.00	58.77	46.14	46.27	0.13	<0.25	30.00	3342.84	

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							PSH	H_20		
MW-1	08/17/10	3389.00	58.77	ND	47.34	ND	NA	NA	3341.66	
MW-1	08/25/10	3389.00	58.77	46.06	46.25	0.19	<0.25	30.00	3342.91	
MW-1	08/25/10	3389.00	58.77	ND	46.74	ND	NA	NA	3342.26	
MW-1	09/01/10	3389.00	58.77	45.92	46.28	0.36	0.20	29.80	3343.03	
MW-1	09/01/10	3389.00	58.77	ND	47.10	ND	NA	NA	3341.90	
MW-1	09/08/10	3389.00	58.77	46.09	46.39	0.30	0.20	29.80	3342.87	
MW-1	09/08/10	3389.00	58.77	ND	46.77	ND	NA	NA	3342.23	
MW-1	09/15/10	3389.00	58.77	46.15	46.23	0.08	0.20	19.80	3342.84	
MW-1	09/15/10	3389.00	58.77	ND	46.76	ND	NA	NA	3342.24	
MW-1	09/21/10	3389.00	58.77	46.09	46.33	0.24	0.20	19.80	3342.87	
MW-1	09/21/10	3389.00	58.77	ND	46.84	ND	NA	NA	3342.16	
MW-1	10/01/10	3389.00	58.77	46.02	46.41	0.39	0.20	19.80	3342.92	
MW-1	10/01/10	3389.00	58.77	ND	46.79	ND	NA	NA	3342.21	
MW-1	10/06/10	3389.00	58.77	45.99	46.21	0.22	0.20	19.80	3342.98	
MW-1	10/06/10	3389.00	58.77	ND	46.70	ND	NA	NA	3342.30	
MW-1	10/13/10	3389.00	58.77	45.94	46.33	0.39	0.20	19.80	3343.00	
MW-1	10/13/10	3389.00	58.77	ND	46.90	ND	NA	NA	3342.10	
MW-1	10/22/10	3389.00	58.77	46.02	46.46	0.44	0.20	19.80	3342.91	
MW-1	10/22/10	3389.00	58.77	ND	47.04	ND	NA	NA	3341.96	
MW-1	10/27/10	3389.00	58.77	46.06	46.18	0.12	0.20	39.80	3342.92	
MW-1	10/27/10	3389.00	58.77	ND	46.27	ND	NA	NA	3342.73	
MW-1	11/03/10	3389.00	58.77	46.14	46.32	0.18	0.20	29.80	3342.83	
MW-1	11/03/10	3389.00	58.77	ND	46.76	ND	NA	NA	3342.24	
MW-1	11/10/10	3389.00	58.77	46.08	46.28	0.20	0.20	29.80	3342.89	
MW-1	11/10/10	3389.00	58.77	ND	46.84	ND	NA	NA	3342.16	
MW-1	11/16/10	3389.00	58.77	46.18	46.35	0.17	0.20	29.80	3342.79	
MW-1	11/16/10	3389.00	58.77	ND	46.40	ND	NA	NA	3342.60	
MW-1	11/23/10	3389.00	58.77	46.15	46.37	0.22	0.20	9.80	3342.82	
MW-1	11/23/10	3389.00	58.77	ND	46.76	ND	NA	NA	3342.24	
MW-1	12/01/10	3389.00	58.77	46.17	46.40	0.23	0.20	19.80	3342.80	
MW-1	12/01/10	3389.00	58.77	ND	46.65	ND	NA	NA	3342.35	
MW-1	12/08/10	3389.00	58.77	46.16	46.42	0.26	0.20	29.80	3342.80	
MW-1	12/08/10	3389.00	58.77	ND	47.14	ND	NA	NA	3341.86	
MW-1	12/15/10	3389.00	58.77	46.14	46.34	0.20	0.20	29.80	3342.83	
MW-1	12/15/10	3389.00	58.77	ND	47.39	ND	NA	NA	3341.61	
MW-1	12/21/10	3389.00	58.77	46.20	46.34	0.14	0.20	29.80	3342.78	
MW-1	12/21/10	3389.00	58.77	ND	46.92	ND	NA	NA	3342.08	
MW-1	01/08/11	3389.00	58.77	46.10	46.50	0.40	0.20	19.80	3342.84	
MW-1	01/08/11	3389.00	58.77	ND	46.83	ND	NA	NA	3342.17	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-1	01/12/11	3389.00	58.77	46.22	46.35	0.13	0.20	9.80	3342.76	
MW-1	01/12/11	3389.00	58.77	ND	46.79	ND	NA	NA	3342.21	
MW-1	01/19/11	3389.00	58.77	46.13	46.44	0.31	<0.25	30.00	3342.82	
MW-1	01/19/11	3389.00	58.77	ND	46.82	ND	NA	NA	3342.18	
MW-1	01/25/11	3389.00	58.77	46.18	46.39	0.21	<0.25	30.00	3342.79	
MW-1	01/25/11	3389.00	58.77	ND	46.58	ND	NA	NA	3342.42	
MW-1	02/04/11	3389.00	58.77	46.28	46.43	0.15	0.20	29.80	3342.70	
MW-1	02/04/11	3389.00	58.77	ND	47.43	ND	NA	NA	3341.57	
MW-1	02/08/11	3389.00	58.77	46.11	46.25	0.14	0.10	14.90	3342.87	
MW-1	02/08/11	3389.00	58.77	ND	47.26	ND	NA	NA	3341.74	
MW-1	02/16/11	3389.00	58.77	46.05	46.37	0.32	0.10	34.90	3342.90	
MW-1	02/16/11	3389.00	58.77	ND	47.38	ND	NA	NA	3341.62	
MW-1	02/24/11	3389.00	58.77	46.01	46.30	0.29	0.00	20.00	3342.95	
MW-1	02/24/11	3389.00	58.77	ND	46.18	ND	NA	NA	3342.82	
MW-1	03/02/11	3389.00	58.77	46.05	46.30	0.25	0.10	19.90	3342.91	
MW-1	03/02/11	3389.00	58.77	ND	47.00	ND	NA	NA	3342.00	
MW-1	03/08/11	3389.00	58.77	46.13	46.41	0.28	0.10	4.90	3342.83	
MW-1	03/08/11	3389.00	58.77	ND	46.41	ND	NA	NA	3342.59	
MW-1	03/16/11	3389.00	58.77	46.18	46.56	0.38	0.10	4.90	3342.76	
MW-1	03/16/11	3389.00	58.77	ND	46.32	ND	NA	NA	3342.68	
MW-1	03/23/11	3389.00	58.77	46.25	46.58	0.33	0.10	4.90	3342.70	
MW-1	03/23/11	3389.00	58.77	ND	46.40	ND	NA	NA	3342.60	
MW-1	03/30/11	3389.00	58.77	46.28	46.64	0.36	0.10	29.90	3342.67	
MW-1	03/30/11	3389.00	58.77	ND	46.38	ND	NA	NA	3342.62	
MW-1	04/08/11	3389.00	58.77	46.20	46.39	0.19	0.10	4.90	3342.77	
MW-1	04/08/11	3389.00	58.77	ND	46.40	ND	NA	NA	3342.60	
MW-1	04/13/11	3389.00	58.77	46.19	46.42	0.23	0.10	9.90	3342.78	
MW-1	04/13/11	3389.00	58.77	ND	46.36	ND	NA	NA	3342.64	
MW-1	04/20/11	3389.00	58.77	46.18	46.48	0.30	0.10	9.90	3342.78	
MW-1	04/20/11	3389.00	58.77	ND	46.45	ND	NA	NA	3342.55	
MW-1	04/27/11	3389.00	58.77	46.23	46.62	0.39	0.10	39.90	3342.71	
MW-1	04/27/11	3389.00	58.77	0.00	47.04	47.04	NA	NA	3381.94	
MW-1	05/04/11	3389.00	58.77	46.31	46.55	0.24	0.10	29.90	3342.65	
MW-1	05/04/11	3389.00	58.77	ND	47.11	ND	NA	NA	3341.89	
MW-1	05/11/11	3389.00	58.77	46.32	46.52	0.20	0.10	19.90	3342.65	
MW-1	05/11/11	3389.00	58.77	ND	46.98	ND	NA	NA	3342.02	
MW-1	05/19/11	3389.00	58.77	46.43	46.52	0.09	0.10	29.90	3342.56	
MW-1	05/19/11	3389.00	58.77	ND	47.00	ND	NA	NA	3342.00	
MW-1	05/24/11	3389.00	58.77	46.35	46.50	0.15	0.10	19.90	3342.63	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-1	05/24/11	3389.00	58.77	ND	46.72	ND	NA	NA	3342.28	
MW-1	05/31/11	3389.00	58.77	46.46	46.61	0.15	NA	NA	3342.52	Sampled
MW-1	06/08/11	3389.00	58.77	46.45	46.55	0.10	0.00	20.00	3342.54	
MW-1	06/08/11	3389.00	58.77	ND	46.47	ND	NA	NA	3342.53	
MW-1	06/17/11	3389.00	58.77	46.35	46.59	0.24	0.00	20.00	3342.61	
MW-1	06/17/11	3389.00	58.77	ND	46.50	ND	NA	NA	3342.50	
MW-1	06/21/11	3389.00	58.77	46.40	46.98	0.58	0.25	29.75	3342.51	
MW-1	06/21/11	3389.00	58.77	ND	47.10	ND	NA	NA	3341.90	
MW-1	06/29/11	3389.00	58.77	46.54	46.85	0.31	6.25	30.00	3342.41	
MW-1	06/29/11	3389.00	58.77	ND	47.17	ND	NA	NA	3341.83	
MW-1	07/06/11	3389.00	58.77	46.65	46.87	0.22	0.10	9.90	3342.32	
MW-1	07/06/11	3389.00	58.77	ND	46.74	ND	NA	NA	3342.26	
MW-1	07/13/11	3389.00	58.77	46.70	47.05	0.35	0.10	19.90	3342.25	
MW-1	07/13/11	3389.00	58.77	ND	47.14	ND	NA	NA	3341.86	
MW-1	07/21/11	3389.00	58.77	46.75	47.06	0.31	0.10	9.90	3342.20	
MW-1	07/21/11	3389.00	58.77	ND	46.86	ND	NA	NA	3342.14	
MW-1	07/27/11	3389.00	58.77	46.78	47.30	0.52	0.10	9.90	3342.14	
MW-1	07/27/11	3389.00	58.77	ND	46.90	ND	NA	NA	3342.10	
MW-1	08/03/11	3389.00	58.77	46.85	47.44	0.59	0.10	9.90	3342.06	
MW-1	08/03/11	3389.00	58.77	ND	47.12	ND	NA	NA	3341.88	
MW-1	08/11/11	3389.00	58.77	46.90	47.68	0.78	0.10	9.90	3341.98	
MW-1	08/11/11	3389.00	58.77	ND	47.20	ND	NA	NA	3341.80	
MW-1	08/17/11	3389.00	58.77	46.88	47.82	0.94	0.10	9.90	3341.98	
MW-1	08/17/11	3389.00	58.77	ND	47.13	ND	NA	NA	3341.87	
MW-1	08/24/11	3389.00	58.77	46.98	47.94	0.96	0.20	9.80	3341.88	
MW-1	08/24/11	3389.00	58.77	ND	47.20	ND	NA	NA	3341.80	
MW-1	08/29/11	3389.00	58.77	47.05	47.97	0.92	0.10	9.90	3341.81	Sampled
MW-1	08/29/11	3389.00	58.77	ND	47.18	ND	NA	NA	3341.82	
MW-1	09/07/11	3389.00	58.77	47.09	48.15	1.06	0.20	9.80	3341.75	
MW-1	09/07/11	3389.00	58.77	ND	47.29	ND	NA	NA	3341.71	
MW-1	09/14/11	3389.00	58.77	47.03	47.99	0.96	0.10	4.90	3341.83	
MW-1	09/14/11	3389.00	58.77	ND	47.21	ND	NA	NA	3341.79	
MW-1	09/21/11	3389.00	58.77	47.10	48.25	1.15	0.10	9.90	3341.73	
MW-1	09/21/11	3389.00	58.77	ND	47.33	ND	NA	NA	3341.67	
MW-1	09/28/11	3389.00	58.77	47.15	48.30	1.15	0.50	9.50	3341.68	
MW-1	09/28/11	3389.00	58.77	ND	47.35	ND	NA	NA	3341.65	
MW-1	10/05/11	3389.00	58.77	47.12	48.15	1.03	0.75	39.25	3341.73	Semi-clear @ 30 gal
MW-1	10/05/11	3389.00	58.77	ND	47.94	ND	NA	NA	3341.06	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-1	10/12/11	3389.00	58.77	47.13	48.20	1.07	2.00	28.00	3341.71	
MW-1	10/12/11	3389.00	58.77	ND	47.80	ND	NA	NA	3341.20	
MW-1	10/18/11	3389.00	58.77	47.21	48.18	0.97	0.75	29.25	3341.64	
MW-1	10/18/11	3389.00	58.77	ND	48.36	ND	NA	NA	3340.64	
MW-1	10/28/11	3389.00	58.77	47.14	48.25	1.11	0.75	29.25	3341.69	
MW-1	10/28/11	3389.00	58.77	ND	48.48	ND	NA	NA	3340.52	
MW-1	11/02/11	3389.00	58.77	47.11	48.15	1.04	0.75	19.25	3341.73	
MW-1	11/02/11	3389.00	58.77	ND	48.19	ND	NA	NA	3340.81	
MW-1	11/09/11	3389.00	58.77	47.14	48.39	1.25	0.10	9.90	3341.67	
MW-1	11/09/11	3389.00	58.77	ND	49.34	ND	NA	NA	3339.66	
MW-1	11/18/11	3389.00	58.77	47.06	48.22	1.16	0.75	9.75	3341.77	
MW-1	11/18/11	3389.00	58.77	ND	47.25	ND	NA	NA	3341.75	
MW-1	11/23/11	3389.00	58.77	47.15	48.35	1.20	1.00	19.00	3341.67	
MW-1	11/23/11	3389.00	58.77	ND	48.21	ND	NA	NA	3340.79	
MW-1	11/28/11	3389.00	58.77	47.16	48.35	1.19	NA	NA	3341.66	Sampled
MW-1	12/07/11	3389.00	58.77	47.18	48.58	1.40	0.10	19.90	3341.61	
MW-1	12/07/11	3389.00	58.77	ND	47.41	ND	NA	NA	3341.59	
MW-1	12/13/11	3389.00	58.77	47.13	48.29	1.16	0.75	19.25	3341.70	
MW-1	12/13/11	3389.00	58.77	ND	48.46	ND	NA	NA	3340.54	
MW-1	12/20/11	3389.00	58.77	47.22	48.50	1.28	0.25	19.75	3341.59	
MW-1	12/20/11	3389.00	58.77	ND	48.31	ND	NA	NA	3340.69	
MW-1	12/27/11	3389.00	58.77	47.22	48.80	1.58	1.00	29.00	3341.54	
MW-1	12/27/11	3389.00	58.77	ND	48.48	ND	NA	NA	3340.52	
MW-1	01/04/12	3389.00	58.77	47.12	47.71	0.59	0.10	9.90	3341.79	
MW-1	01/04/12	3389.00	58.77	ND	47.44	ND	NA	NA	3341.56	
MW-1	01/13/12	3389.00	58.77	47.06	48.19	1.13	0.25	9.75	3341.77	
MW-1	01/13/12	3389.00	58.77	ND	47.43	ND	NA	NA	3341.57	
MW-1	01/18/12	3389.00	58.77	47.01	48.10	1.09	1.00	14.00	3341.83	
MW-1	01/18/12	3389.00	58.77	ND	48.03	ND	NA	NA	3340.97	
MW-1	01/27/12	3389.00	58.77	46.95	48.10	1.15	1.00	29.00	3341.88	
MW-1	01/27/12	3389.00	58.77	ND	48.05	ND	NA	NA	3340.95	
MW-1	02/02/12	3389.00	58.77	46.91	48.04	1.13	1.00	19.00	3341.92	
MW-1	02/02/12	3389.00	58.77	ND	47.07	ND	NA	NA	3341.93	
MW-1	02/08/12	3389.00	58.77	46.90	48.00	1.10	0.10	29.90	3341.94	
MW-1	02/08/12	3389.00	58.77	ND	48.90	ND	NA	NA	3340.10	
MW-1	02/15/12	3389.00	58.77	46.86	48.93	2.07	0.00	19.00	3341.83	
MW-1	02/15/12	3389.00	58.77	ND	47.90	ND	NA	NA	3341.10	
MW-1	02/29/12	3389.00	58.77	46.75	47.65	0.90	0.10	29.90	3342.12	
MW-1	02/29/12	3389.00	58.77	ND	47.75	ND	NA	NA	3341.25	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-1	03/06/12	3389.00	58.77	46.80	47.70	0.90	1.00	19.00	3342.07	
MW-1	03/06/12	3389.00	58.77	ND	47.40	ND	NA	NA	3341.60	
MW-1	03/14/12	3389.00	58.77	46.78	47.68	0.90	0.25	19.75	3342.09	
MW-1	03/14/12	3389.00	58.77	ND	47.30	ND	NA	NA	3341.70	
MW-1	03/21/12	3389.00	58.77	47.61	48.58	0.97	0.10	19.90	3341.24	
MW-1	03/21/12	3389.00	58.77	ND	48.58	ND	NA	NA	3340.42	
MW-1	03/29/12	3389.00	58.77	46.70	47.70	1.00	0.10	19.90	3342.15	
MW-1	03/29/12	3389.00	58.77	ND	47.50	ND	NA	NA	3341.50	
MW-1	04/03/12	3389.00	58.77	46.70	47.70	1.00	0.10	19.90	3342.15	
MW-1	04/03/12	3389.00	58.77	ND	47.50	ND	NA	NA	3341.50	
MW-1	04/11/12	3389.00	58.77	46.79	48.00	1.21	1.00	19.00	3342.03	
MW-1	04/11/12	3389.00	58.77	ND	47.76	ND	NA	NA	3341.24	
MW-1	04/20/12	3389.00	58.77	46.83	48.06	1.23	0.50	29.50	3341.99	
MW-1	04/20/12	3389.00	58.77	ND	47.70	ND	NA	NA	3341.30	
MW-1	04/26/12	3389.00	58.77	46.90	48.32	1.42	1.00	39.00	3341.89	
MW-1	04/26/12	3389.00	58.77	ND	47.73	ND	NA	NA	3341.27	
MW-1	05/02/12	3389.00	58.77	46.96	48.38	1.42	2.00	43.00	3341.83	
MW-1	05/02/12	3389.00	58.77	ND	47.58	ND	NA	NA	3341.42	
MW-1	05/09/12	3389.00	58.77	47.02	48.48	1.46	0.50	39.50	3341.76	
MW-1	05/09/12	3389.00	58.77	ND	47.91	ND	NA	NA	3341.09	
MW-1	05/16/12	3389.00	58.77	47.17	48.62	1.45	0.50	39.50	3341.61	
MW-1	05/16/12	3389.00	58.77	ND	47.52	ND	NA	NA	3341.48	
MW-1	05/22/12	3389.00	58.77	47.08	48.61	1.53	NA	NA	3341.69	
MW-1	05/29/12	3389.00	58.77	47.09	48.56	1.47	1.00	39.00	3341.69	
MW-1	05/29/12	3389.00	58.77	ND	47.48	ND	NA	NA	3341.52	
MW-1	06/06/12	3389.00	58.77	47.13	48.50	1.37	1.00	39.00	3341.66	
MW-1	06/06/12	3389.00	58.77	ND	47.32	ND	NA	NA	3341.68	
MW-1	06/13/12	3389.00	58.77	47.15	48.70	1.55	2.00	38.00	3341.62	
MW-1	06/13/12	3389.00	58.77	ND	47.53	ND	NA	NA	3341.47	
MW-1	06/19/12	3389.00	58.77	47.20	48.85	1.65	2.00	23.00	3341.55	
MW-1	06/19/12	3389.00	58.77	ND	48.01	ND	NA	NA	3340.99	
MW-1	06/27/12	3389.00	58.77	47.28	48.80	1.52	0.00	20.00	3341.49	
MW-1	06/27/12	3389.00	58.77	ND	48.20	ND	NA	NA	3340.80	
MW-1	07/18/12	3389.00	58.77	47.42	49.12	1.70	1.70	38.00	3341.33	
MW-1	07/18/12	3389.00	58.77	ND	48.58	ND	NA	NA	3340.42	
MW-1	07/25/12	3389.00	58.77	47.50	48.99	1.49	2.50	22.50	3341.28	
MW-1	07/25/12	3389.00	58.77	ND	48.38	ND	NA	NA	3340.62	
MW-1	07/31/12	3389.00	58.77	47.56	48.96	1.40	2.00	38.00	3341.23	
MW-1	07/31/12	3389.00	58.77	ND	47.65	ND	NA	NA	3341.35	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-1	08/08/12	3389.00	58.77	47.45	48.95	1.50	NA	NA	3341.33	
MW-1	08/13/12	3389.00	58.77	47.40	48.90	1.50	2.00	38.00	3341.38	
MW-1	08/13/12	3389.00	58.77	ND	48.21	ND	NA	NA	3340.79	
MW-1	08/20/12	3389.00	58.77	47.37	48.83	1.46	1.00	19.00	3341.41	
MW-1	08/20/12	3389.00	58.77	ND	47.95	ND	NA	NA	3341.05	
MW-1	09/05/12	3389.00	58.77	47.33	48.90	1.57	1.00	39.00	3341.43	
MW-1	09/05/12	3389.00	58.77	ND	48.15	ND	NA	NA	3340.85	
MW-1	09/11/12	3389.00	58.77	47.30	48.75	1.45	NA	NA	3341.48	
MW-1	09/19/12	3389.00	58.77	47.33	48.90	1.57	NA	NA	3341.43	
MW-1	09/25/12	3389.00	58.77	47.33	48.88	1.55	NA	NA	3341.44	
MW-1	10/02/12	3389.00	58.77	47.33	48.80	1.47	NA	NA	3341.45	
MW-1	10/10/12	3389.00	58.77	47.30	48.85	1.55	NA	NA	3341.47	
MW-1	10/16/12	3389.00	58.77	47.26	48.84	1.58	NA	NA	3341.50	
MW-1	10/16/12	3389.00	58.77	ND	47.95	ND	NA	NA	3341.05	
MW-1	10/24/12	3389.00	58.77	47.25	48.75	1.50	1.00	39.00	3341.53	
MW-1	10/24/12	3389.00	58.77	ND	47.92	ND	NA	NA	3341.08	
MW-1	11/06/12	3389.00	58.77	47.29	48.82	1.53	1.00	39.00	3341.48	
MW-1	11/06/12	3389.00	58.77	ND	47.82	ND	NA	NA	3341.18	
MW-1	11/26/12	3389.00	58.77	ND	NG	NG	NA	NA	NG	
MW-1	12/11/12	3389.00	58.77	47.27	48.70	1.43	3.00	37.00	3341.52	
MW-1	12/11/12	3389.00	58.77	ND	48.23	ND	NA	NA	3340.77	
MW-1	01/03/13	3389.00	58.77	47.28	48.85	1.57	2.00	38.00	3341.48	
MW-1	01/16/13	3389.00	58.77	47.28	48.90	1.62	2.00	38.00	3341.48	
MW-1	01/23/13	3389.00	58.77	47.30	48.80	1.50	2.00	38.00	3341.48	
MW-1	01/30/13	3389.00	58.77	47.28	48.85	1.57	1.00	39.00	3341.48	
MW-1	02/07/13	3389.00	58.77	47.28	48.78	1.50	1.00	39.00	3341.50	
MW-1	02/13/13	3389.00	58.77	47.28	48.80	1.52	2.00	38.00	3341.49	
MW-1	02/27/13	3389.00	58.77	47.27	48.60	1.33	2.00	38.00	3341.53	
MW-1	03/05/13	3389.00	58.77	47.25	48.65	1.40	1.00	39.00	3341.54	
MW-1	03/15/13	3389.00	58.77	47.30	48.72	1.42	1.00	39.00	3341.49	
MW-1	03/21/13	3389.00	58.77	47.19	48.32	1.13	2.00	38.00	3341.64	
MW-1	03/29/13	3389.00	58.77	47.16	48.44	1.28	2.00	38.00	3341.65	
MW-1	04/03/13	3389.00	58.77	47.15	48.39	1.24	2.00	38.00	3341.66	
MW-1	04/09/13	3389.00	58.77	47.15	48.46	1.31	1.00	39.00	3341.65	
MW-1	05/01/13	3389.00	58.77	47.22	48.18	0.96	1.00	39.00	3341.64	
MW-1	05/15/13	3389.00	58.77	47.28	48.80	1.52	1.00	39.00	3341.49	
MW-1	05/21/13	3389.00	58.77	47.28	48.90	1.62	1.00	39.00	3341.48	
MW-1	06/05/13	3389.00	58.77	47.31	48.91	1.60	2.00	38.00	3341.45	
MW-1	06/10/13	3389.00	58.77	47.37	48.79	1.42	2.00	38.00	3341.42	Sampled

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-1	06/17/13	3389.00	58.77	47.34	48.84	1.50	2.00	38.00	3341.44	
MW-1	06/26/13	3389.00	58.77	47.60	48.85	1.25	1.00	38.00	3341.21	
MW-1	07/03/13	3389.00	58.77	47.40	49.12	1.72	2.00	38.00	3341.34	
MW-1	07/10/13	3389.00	58.77	47.52	49.25	1.73	2.00	38.00	3341.22	
MW-1	08/07/13	3389.00	58.77	47.56	49.20	1.64	2.00	38.00	3341.19	
MW-1	08/14/13	3389.00	58.77	47.70	49.45	1.75	2.00	38.00	3341.04	
MW-1	08/21/13	3389.00	58.77	47.70	49.52	1.82	3.00	37.00	3341.03	
MW-1	08/28/13	3389.00	58.77	47.78	49.32	1.54	2.00	28.00	3340.99	
MW-1	09/06/13	3389.00	58.77	47.81	49.38	1.57	2.00	38.00	3340.95	
MW-1	09/11/13	3389.00	58.77	47.87	49.23	1.36	2.00	33.00	3340.93	
MW-1	09/21/13	3389.00	58.77	47.85	49.35	1.50	2.00	18.00	3340.93	
MW-1	09/28/13	3389.00	58.77	47.88	49.38	1.50	2.00	18.00	3340.90	
MW-1	10/02/13	3389.00	58.77	47.80	49.65	1.85	2.00	38.00	3340.92	
MW-1	10/11/13	3389.00	58.77	47.95	49.50	1.55	2.00	28.00	3340.82	
MW-1	10/16/13	3389.00	58.77	47.80	48.95	1.15	2.00	38.00	3341.03	
MW-1	10/30/13	3389.00	58.77	48.02	49.88	1.86	2.00	38.00	3340.70	
MW-1	11/13/13	3389.00	58.77	48.09	49.85	1.76	2.00	28.00	3340.65	
MW-1	11/20/13	3389.00	58.77	48.35	49.66	1.31	2.00	28.00	3340.45	
MW-1	11/27/13	3389.00	58.77	48.15	49.69	1.54	2.00	28.00	3340.62	
MW-1	12/11/13	3389.00	58.77	48.18	50.02	1.84	2.00	28.00	3340.54	
MW-1	12/17/13	3389.00	58.77	48.23	49.75	1.52	2.00	28.00	3340.54	
MW-2	12/21/05	3388.28	59.34	NA	45.23	NA	NA	NA	3343.05	Sampled
MW-2	12/29/05	3388.28	NG	NA	45.15	NA	NA	NA	3343.13	
MW-2	01/05/06	3388.28	NG	NA	45.25	NA	NA	NA	3343.03	
MW-2	02/09/06	3388.28	NG	NA	45.02	NA	NA	NA	3343.26	
MW-2	02/22/06	3388.28	NG	NA	45.00	NA	NA	NA	3343.28	
MW-2	03/28/06	3388.28	59.33	NA	44.90	NA	NA	NA	3343.38	Sampled
MW-2	04/13/06	3388.28	NG	NA	44.95	NA	NA	NA	3343.33	
MW-2	04/25/06	3388.28	NG	NA	44.93	NA	NA	NA	3343.35	
MW-2	05/03/06	3388.28	NG	NA	44.88	NA	NA	NA	3343.40	
MW-2	05/11/06	3388.28	NG	NA	44.96	NA	NA	NA	3343.32	
MW-2	05/24/06	3388.28	NG	NA	44.92	NA	NA	NA	3343.36	
MW-2	06/07/06	3388.28	NG	NA	44.91	NA	NA	NA	3343.37	
MW-2	06/15/06	3388.28	NG	NA	44.92	NA	NA	NA	3343.36	Sampled
MW-2	06/29/06	3388.28	NG	NA	45.02	NA	NA	NA	3343.26	
MW-2	07/11/06	3388.28	NG	NA	45.05	NA	NA	NA	3343.23	
MW-2	07/25/06	3388.28	NG	NA	45.13	NA	NA	NA	3343.15	
MW-2	08/09/06	3388.28	59.33	NA	45.19	NA	NA	NA	3343.09	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-2	08/22/06	3388.28	NG	NA	45.27	NA	NA	NA	3343.01	
MW-2	09/12/06	3388.28	59.30	NA	45.30	NA	NA	NA	3342.98	Sampled
MW-2	09/19/06	3388.28	59.30	NA	45.33	NA	NA	NA	3342.95	
MW-2	10/03/06	3388.28	59.30	NA	45.32	NA	NA	NA	3342.96	
MW-2	10/17/06	3388.28	NG	NA	45.25	NA	NA	NA	3343.03	
MW-2	10/31/06	3388.28	NG	NA	45.61	NA	NA	NA	3342.67	
MW-2	11/15/06	3388.28	NG	NA	45.18	NA	NA	NA	3343.10	
MW-2	12/06/06	3388.28	59.33	NA	45.05	NA	NA	NA	3343.23	Sampled
MW-2	12/13/06	3388.28	NG	NA	45.36	NA	NA	NA	3342.92	
MW-2	01/03/07	3388.28	NG	NA	44.95	NA	NA	NA	3343.33	
MW-2	01/09/07	3388.28	NG	NA	45.00	NA	NA	NA	3343.28	
MW-2	01/18/07	3388.28	NG	NA	44.92	NA	NA	NA	3343.36	
MW-2	01/25/07	3388.28	NG	NA	44.91	NA	NA	NA	3343.37	
MW-2	01/31/07	3388.28	NG	NA	44.84	NA	NA	NA	3343.44	
MW-2	02/07/07	3388.28	NG	NA	44.86	NA	NA	NA	3343.42	
MW-2	02/14/07	3388.28	NG	NA	44.88	NA	NA	NA	3343.40	
MW-2	03/01/07	3388.28	59.33	NA	44.82	NA	NA	NA	3343.46	Sampled
MW-2	05/03/07	3388.28	59.33	NA	44.70	NA	NA	NA	3343.58	
MW-2	05/31/07	3388.28	59.33	NA	44.70	NA	NA	NA	3343.58	
MW-2	06/06/07	3388.28	59.37	NA	44.67	NA	NA	NA	3343.61	
MW-2	07/05/07	3388.28	59.26	NA	44.77	NA	NA	NA	3343.51	
MW-2	07/31/07	3388.28	59.25	NA	44.51	NA	NA	NA	3343.77	
MW-2	09/07/07	3388.28	59.37	NA	44.88	NA	NA	NA	3343.40	Sampled
MW-2	10/04/07	3388.28	59.37	NA	44.95	NA	NA	NA	3343.33	
MW-2	11/13/07	3388.28	59.36	NA	44.95	NA	NA	NA	3343.33	Sampled
MW-2	12/05/07	3388.28	59.36	NA	44.94	NA	NA	NA	3343.34	
MW-2	01/09/08	3388.28	59.33	NA	44.96	NA	NA	NA	3343.32	
MW-2	02/06/08	3388.28	59.33	NA	44.96	NA	NA	NA	3343.32	
MW-2	02/27/08	3388.28	59.28	NA	44.92	NA	NA	NA	3343.36	Sampled
MW-2	04/02/08	3388.28	59.28	NA	44.81	NA	NA	NA	3343.47	
MW-2	05/22/08	3388.28	59.28	NA	44.84	NA	NA	NA	3343.44	Sampled
MW-2	06/26/08	3388.28	59.28	NA	44.97	NA	NA	NA	3343.31	
MW-2	07/07/08	3388.28	59.28	NA	44.94	NA	NA	NA	3343.34	
MW-2	08/20/08	3388.28	59.33	NA	45.00	NA	NA	NA	3343.28	Sampled
MW-2	10/15/08	3388.28	59.33	NA	45.42	NA	NA	NA	3342.86	
MW-2	11/19/08	3388.28	59.33	NA	45.28	NA	NA	NA	3343.00	Sampled
MW-2	12/21/08	3388.28	59.33	NA	45.38	NA	NA	NA	3342.90	
MW-2	01/07/09	3388.28	59.19	NA	45.25	NA	NA	NA	3343.03	
MW-2	02/04/09	3388.28	59.38	NA	45.19	NA	NA	NA	3343.09	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-2	02/17/09	3388.28	59.32	NA	45.02	NA	NA	NA	3343.26	Sampled
MW-2	03/04/09	3388.28	59.32	NA	45.07	NA	NA	NA	3343.21	
MW-2	04/08/09	3388.28	59.32	NA	45.13	NA	NA	NA	3343.15	
MW-2	05/06/09	3388.28	59.32	NA	45.31	NA	NA	NA	3342.97	
MW-2	05/19/09	3388.28	59.32	NA	45.33	NA	NA	NA	3342.95	Sample
MW-2	06/03/09	3388.28	59.32	NA	45.34	NA	NA	NA	3342.94	
MW-2	07/15/09	3388.28	59.32	NA	45.35	NA	NA	NA	3342.93	
MW-2	08/05/09	3388.28	59.32	NA	45.27	NA	NA	NA	3343.01	
MW-2	08/26/09	3388.28	59.32	NA	45.36	NA	0.00	7.00	3342.92	Sample
MW-2	09/02/09	3388.28	59.32	NA	45.38	NA	NA	NA	3342.90	
MW-2	10/07/09	3388.28	59.32	NA	45.31	NA	NA	NA	3342.97	
MW-2	11/04/09	3388.28	59.32	NA	45.29	NA	NA	NA	3342.99	
MW-2	11/17/09	3388.28	59.32	NA	45.24	NA	NA	NA	3343.04	Sample
MW-2	12/02/09	3388.28	59.32	NA	45.23	NA	NA	NA	3343.05	
MW-2	01/06/10	3388.38	59.32	NA	45.34	NA	NA	NA	3343.04	
MW-2	02/09/10	3388.38	59.32	NA	45.57	NA	NA	NA	3342.81	Sample
MW-2	03/10/10	3388.38	59.32	NA	45.54	NA	NA	NA	3342.84	
MW-2	04/07/10	3388.38	59.32	NA	45.61	NA	NA	NA	3342.77	
MW-2	05/05/10	3388.38	59.32	NA	45.71	NA	NA	NA	3342.67	
MW-2	05/12/10	3388.38	59.32	NA	45.68	NA	NA	NA	3342.70	Sample
MW-2	06/02/10	3388.38	59.32	NA	45.52	NA	NA	NA	3342.86	
MW-2	07/07/10	3388.38	59.32	NA	45.34	NA	NA	NA	3343.04	
MW-2	08/03/10	3388.38	59.32	NA	45.56	NA	NA	NA	3342.82	
MW-2	08/26/10	3388.38	59.32	NA	45.58	NA	NA	NA	3342.80	Sample
MW-2	09/01/10	3388.38	59.32	NA	45.47	NA	NA	NA	3342.91	
MW-2	10/13/10	3388.38	59.32	NA	45.58	NA	NA	NA	3342.80	
MW-2	11/18/10	3388.38	59.32	NA	45.79	NA	NA	NA	3342.59	Sample
MW-2	11/23/10	3388.38	59.32	NA	45.81	NA	NA	NA	3342.57	
MW-2	12/08/10	3388.38	59.32	NA	45.83	NA	NA	NA	3342.55	
MW-2	01/12/11	3388.38	59.32	NA	45.87	NA	NA	NA	3342.51	
MW-2	02/08/11	3388.38	59.32	NA	45.80	NA	NA	NA	3342.58	
MW-2	02/24/11	3388.38	59.32	NA	45.73	NA	NA	NA	3342.65	Sampled
MW-2	03/08/11	3388.38	59.32	NA	45.80	NA	NA	NA	3342.58	
MW-2	04/13/11	3388.38	59.32	NA	46.90	NA	NA	NA	3341.48	
MW-2	05/31/11	3388.38	59.32	NA	46.18	NA	NA	NA	3342.20	Sampled
MW-2	07/06/11	3388.38	59.32	NA	46.28	NA	NA	NA	3342.10	
MW-2	08/29/11	3388.38	59.32	NA	46.76	NA	NA	NA	3341.62	Sampled
MW-2	09/14/11	3388.38	59.32	NA	46.79	NA	NA	NA	3341.59	
MW-2	10/12/11	3388.38	59.32	NA	46.81	NA	NA	NA	3341.57	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-2	11/28/11	3388.38	59.32	NA	46.93	NA	NA	NA	3341.45	Sampled
MW-2	12/27/11	3388.38	59.32	NA	46.95	NA	NA	NA	3341.43	
MW-2	01/18/12	3388.38	59.32	NA	46.80	NA	NA	NA	3341.58	
MW-2	02/02/12	3388.38	59.32	NA	46.73	NA	NA	NA	3341.65	
MW-2	02/15/12	3388.38	59.32	NA	46.66	NA	NA	NA	3341.72	
MW-2	02/22/12	3388.38	59.32	NA	46.60	NA	NA	NA	3341.78	
MW-2	04/20/12	3388.38	59.32	NA	46.61	NA	NA	NA	3341.77	
MW-2	05/22/12	3388.38	59.32	NA	46.86	NA	NA	NA	3341.52	
MW-2	07/18/12	3388.38	59.32	NA	47.32	NA	NA	NA	3341.06	
MW-2	09/11/12	3388.38	59.32	NA	47.23	NA	NA	NA	3341.15	
MW-2	10/16/12	3388.38	59.32	NA	47.22	NA	NA	NA	3341.16	
MW-2	11/26/12	3388.38	59.32	NA	47.22	NA	NA	NA	3341.16	
MW-2	12/11/12	3388.38	59.32	NA	47.20	NA	NA	NA	3341.18	
MW-2	02/27/13	3388.38	59.32	NA	47.18	NA	NA	NA	3341.20	
MW-2	06/10/13	3388.38	59.32	NA	47.28	NA	NA	NA	3341.10	
MW-2	08/14/13	3388.38	59.32	NA	47.62	NA	NA	NA	3340.76	
MW-2	09/11/13	3388.38	59.32	NA	47.74	NA	NA	NA	3340.64	
MW-2	12/11/13	3388.38	59.32	NA	48.07	NA	NA	NA	3340.31	
MW-3	12/21/05	3388.62	59.69	NA	45.57	NA	NA	NA	3343.05	Sampled
MW-3	12/29/05	3388.62	NG	NA	45.52	NA	NA	NA	3343.10	
MW-3	01/05/06	3388.62	NG	NA	45.60	NA	NA	NA	3343.02	
MW-3	02/09/06	3388.62	NG	NA	45.41	NA	NA	NA	3343.21	
MW-3	02/22/06	3388.62	NG	NA	45.33	NA	NA	NA	3343.29	
MW-3	03/28/06	3388.62	59.70	NA	45.23	NA	NA	NA	3343.39	Sampled
MW-3	04/13/06	3388.62	NG	NA	45.31	NA	NA	NA	3343.31	
MW-3	04/25/06	3388.62	NG	NA	45.30	NA	NA	NA	3343.32	
MW-3	05/03/06	3388.62	NG	NA	45.23	NA	NA	NA	3343.39	
MW-3	05/11/06	3388.62	NG	NA	45.36	NA	NA	NA	3343.26	
MW-3	05/24/06	3388.62	NG	NA	45.28	NA	NA	NA	3343.34	
MW-3	06/07/06	3388.62	NG	NA	45.28	NA	NA	NA	3343.34	
MW-3	06/15/06	3388.62	NG	NA	45.30	NA	NA	NA	3343.32	Sampled
MW-3	06/29/06	3388.62	NG	NA	45.39	NA	NA	NA	3343.23	
MW-3	07/11/06	3388.62	NG	NA	45.41	NA	NA	NA	3343.21	
MW-3	07/25/06	3388.62	NG	NA	45.50	NA	NA	NA	3343.12	
MW-3	08/09/06	3388.62	59.70	NA	45.57	NA	NA	NA	3343.05	
MW-3	08/22/06	3388.62	NG	NA	45.63	NA	NA	NA	3342.99	
MW-3	09/12/06	3388.62	59.68	NA	45.65	NA	NA	NA	3342.97	Sampled
MW-3	09/19/06	3388.62	NG	NA	45.69	NA	NA	NA	3342.93	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-3	10/03/06	3388.62	NG	NA	45.67	NA	NA	NA	3342.95	
MW-3	10/17/06	3388.62	NG	NA	45.62	NA	NA	NA	3343.00	
MW-3	10/31/06	3388.62	NG	NA	45.23	NA	NA	NA	3343.39	
MW-3	11/15/06	3388.62	NG	NA	45.57	NA	NA	NA	3343.05	
MW-3	12/06/06	3388.62	59.62	NA	45.45	NA	NA	NA	3343.17	Sampled
MW-3	12/13/06	3388.62	NG	NA	45.73	NA	NA	NA	3342.89	
MW-3	01/03/07	3388.62	NG	NA	45.32	NA	NA	NA	3343.30	
MW-3	01/09/07	3388.62	NG	NA	45.36	NA	NA	NA	3343.26	
MW-3	01/18/07	3388.62	NG	NA	45.29	NA	NA	NA	3343.33	
MW-3	01/25/07	3388.62	NG	NA	45.28	NA	NA	NA	3343.34	
MW-3	01/31/07	3388.62	NG	NA	45.20	NA	NA	NA	3343.42	
MW-3	02/07/07	3388.62	NG	NA	45.24	NA	NA	NA	3343.38	
MW-3	02/14/07	3388.62	NG	NA	45.27	NA	NA	NA	3343.35	
MW-3	03/01/07	3388.62	59.67	NA	45.20	NA	NA	NA	3343.42	Sampled
MW-3	05/03/07	3388.62	59.67	NA	45.08	NA	NA	NA	3343.54	
MW-3	05/31/07	3388.62	59.70	NA	45.10	NA	NA	NA	3343.52	Sampled
MW-3	06/06/07	3388.62	59.70	NA	45.08	NA	NA	NA	3343.54	
MW-3	07/05/07	3388.62	59.71	NA	45.19	NA	NA	NA	3343.43	
MW-3	07/31/07	3388.62	59.71	NA	45.21	NA	NA	NA	3343.41	
MW-3	09/06/07	3388.62	59.70	NA	45.42	NA	NA	NA	3343.20	Sampled
MW-3	10/04/07	3388.62	59.70	NA	45.37	NA	NA	NA	3343.25	
MW-3	11/13/07	3388.62	59.70	NA	45.38	NA	NA	NA	3343.24	Sampled
MW-3	12/05/07	3388.62	59.70	NA	45.34	NA	NA	NA	3343.28	
MW-3	01/09/08	3388.62	59.65	NA	45.34	NA	NA	NA	3343.28	
MW-3	02/06/08	3388.62	59.65	NA	45.35	NA	NA	NA	3343.27	
MW-3	02/27/08	3388.62	59.68	NA	45.30	NA	NA	NA	3343.32	Sampled
MW-3	04/02/08	3388.62	59.68	NA	45.28	NA	NA	NA	3343.34	
MW-3	05/22/08	3388.62	59.68	NA	45.24	NA	NA	NA	3343.38	Sampled
MW-3	06/26/08	3388.62	59.68	NA	45.32	NA	NA	NA	3343.30	
MW-3	07/07/08	3388.62	59.68	NA	45.72	NA	NA	NA	3342.90	
MW-3	08/20/08	3388.62	59.70	NA	45.35	NA	NA	NA	3343.27	Sampled
MW-3	10/15/08	3388.62	59.72	NA	45.82	NA	NA	NA	3342.80	
MW-3	11/19/08	3388.62	59.72	NA	45.66	NA	NA	NA	3342.96	Sampled
MW-3	12/21/08	3388.62	59.72	NA	45.75	NA	NA	NA	3342.87	
MW-3	01/07/09	3388.62	59.71	NA	45.66	NA	NA	NA	3342.96	
MW-3	02/04/09	3388.62	59.75	NA	45.56	NA	NA	NA	3343.06	
MW-3	02/17/09	3388.62	59.30	NA	45.39	NA	NA	NA	3343.23	Sampled
MW-3	03/04/09	3388.62	59.30	NA	45.46	NA	NA	NA	3343.16	
MW-3	04/08/09	3388.62	59.30	NA	45.51	NA	NA	NA	3343.11	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-3	05/06/09	3388.62	59.30	NA	45.70	NA	NA	NA	3342.92	
MW-3	05/19/09	3388.62	59.30	NA	45.70	NA	0.00	7.00	3342.92	Sampled
MW-3	06/03/09	3388.62	59.30	NA	45.70	NA	NA	NA	3342.92	
MW-3	07/15/09	3388.62	59.30	NA	45.75	NA	NA	NA	3342.87	
MW-3	08/05/09	3388.62	59.30	NA	45.62	NA	NA	NA	3343.00	
MW-3	08/26/09	3388.62	59.70	NA	45.75	NA	0.00	7.00	3342.87	Sampled
MW-3	09/02/09	3388.62	59.70	NA	45.75	NA	NA	NA	3342.87	
MW-3	10/07/09	3388.62	59.70	NA	45.67	NA	NA	NA	3342.95	
MW-3	11/04/09	3388.62	59.70	NA	45.64	NA	NA	NA	3342.98	
MW-3	11/17/09	3388.62	59.70	NA	45.66	NA	NA	NA	3342.96	Sampled
MW-3	12/02/09	3388.62	59.70	NA	45.60	NA	NA	NA	3343.02	
MW-3	01/06/10	3388.52	59.70	NA	45.74	NA	NA	NA	3342.78	
MW-3	02/09/10	3388.52	59.70	NA	45.95	NA	NA	NA	3342.57	Sampled
MW-3	03/10/10	3388.52	59.70	NA	45.98	NA	NA	NA	3342.54	
MW-3	04/07/10	3388.52	59.70	NA	46.05	NA	NA	NA	3342.47	
MW-3	05/05/10	3388.52	59.70	NA	46.14	NA	NA	NA	3342.38	
MW-3	05/12/10	3388.52	59.70	NA	46.15	NA	NA	NA	3342.37	Sampled
MW-3	06/02/10	3388.52	59.70	NA	45.91	NA	NA	NA	3342.61	
MW-3	07/07/10	3388.52	59.70	NA	45.72	NA	NA	NA	3342.80	
MW-3	08/03/10	3388.52	59.70	NA	45.95	NA	NA	NA	3342.57	
MW-3	08/26/10	3388.52	59.70	NA	45.94	NA	NA	NA	3342.58	Sampled
MW-3	09/01/10	3388.52	59.70	NA	45.84	NA	NA	NA	3342.68	
MW-3	10/13/10	3388.52	59.70	NA	45.93	NA	NA	NA	3342.59	
MW-3	11/18/10	3388.52	59.70	NA	46.20	NA	NA	NA	3342.32	Sampled
MW-3	11/23/10	3388.52	59.70	NA	46.22	NA	NA	NA	3342.30	
MW-3	12/08/10	3388.52	59.70	NA	46.24	NA	NA	NA	3342.28	
MW-3	01/12/11	3388.52	59.70	NA	46.27	NA	NA	NA	3342.25	
MW-3	02/08/11	3388.52	59.70	NA	46.17	NA	NA	NA	3342.35	
MW-3	02/24/11	3388.52	59.70	NA	46.11	NA	NA	NA	3342.41	Sampled
MW-3	03/08/11	3388.52	59.70	NA	46.19	NA	NA	NA	3342.33	
MW-3	04/13/11	3388.52	59.70	NA	46.30	NA	NA	NA	3342.22	
MW-3	05/31/11	3388.52	59.70	NA	46.57	NA	NA	NA	3341.95	Sampled
MW-3	07/06/11	3388.52	59.70	NA	46.65	NA	NA	NA	3341.87	
MW-3	08/29/11	3388.52	59.70	NA	47.18	NA	NA	NA	3341.34	Sampled
MW-3	09/14/11	3388.52	59.70	NA	47.19	NA	NA	NA	3341.33	
MW-3	10/12/11	3388.52	59.70	NA	47.29	NA	NA	NA	3341.23	
MW-3	11/28/11	3388.52	59.70	NA	47.32	NA	NA	NA	3341.20	Sampled
MW-3	12/27/11	3388.52	59.70	NA	47.39	NA	NA	NA	3341.13	
MW-3	01/18/12	3388.52	59.70	NA	47.15	NA	NA	NA	3341.37	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-3	02/02/12	3388.52	59.70	NA	47.01	NA	NA	NA	3341.51	
MW-3	02/15/12	3388.52	59.70	NA	47.00	NA	NA	NA	3341.52	
MW-3	02/22/12	3388.52	59.70	NA	46.90	NA	NA	NA	3341.62	
MW-3	04/20/12	3388.52	59.70	NA	46.99	NA	NA	NA	3341.53	
MW-3	05/22/12	3388.52	59.70	NA	47.25	NA	NA	NA	3341.27	
MW-3	07/18/12	3388.52	59.70	NA	47.73	NA	NA	NA	3340.79	Sampled
MW-3	09/11/12	3388.52	59.70	NA	47.57	NA	NA	NA	3340.95	
MW-3	10/16/12	3388.52	59.70	NA	47.54	NA	NA	NA	3340.98	
MW-3	11/26/12	3388.52	59.70	NA	47.55	NA	NA	NA	3340.97	
MW-3	12/11/12	3388.52	59.70	NA	47.53	NA	NA	NA	3340.99	
MW-3	02/27/13	3388.52	59.70	NA	47.50	NA	NA	NA	3341.02	
MW-3	06/10/13	3388.52	59.70	NA	47.60	NA	NA	NA	3340.92	
MW-3	08/14/13	3388.52	59.70	NA	47.99	NA	NA	NA	3340.53	
MW-3	09/11/13	3388.52	59.70	NA	48.09	NA	NA	NA	3340.43	
MW-3	12/11/13	3388.52	59.70	NA	48.44	NA	NA	NA	3340.08	
MW-4	03/21/06	3388.92	59.80	NA	46.12	NA	NA	NA	3342.80	
MW-4	03/28/06	3388.92	59.06	NA	46.03	NA	NA	NA	3342.89	Sampled
MW-4	04/13/06	3388.92	NG	NA	46.08	NA	NA	NA	3342.84	
MW-4	04/25/06	3388.92	NG	NA	46.01	NA	NA	NA	3342.91	
MW-4	05/03/06	3388.92	59.05	NA	46.01	NA	7.00	0.00	3342.91	
MW-4	05/03/06	3388.92	NG	NA	46.01	NA	NA	NA	3342.91	
MW-4	05/11/06	3388.92	NG	NA	46.07	NA	NA	NA	3342.85	
MW-4	05/24/06	3388.92	NG	NA	46.05	NA	NA	NA	3342.87	
MW-4	06/07/06	3388.92	NG	NA	46.03	NA	NA	NA	3342.89	
MW-4	06/15/06	3388.92	NG	NA	46.05	NA	NA	NA	3342.87	Sampled
MW-4	06/29/06	3388.92	NG	NA	46.15	NA	NA	NA	3342.77	
MW-4	07/11/06	3388.92	NG	NA	46.18	NA	NA	NA	3342.74	
MW-4	07/25/06	3388.92	NG	NA	46.24	NA	NA	NA	3342.68	
MW-4	08/09/06	3388.92	59.01	NA	46.33	NA	NA	NA	3342.59	
MW-4	08/22/06	3388.92	NG	NA	46.37	NA	NA	NA	3342.55	
MW-4	09/12/06	3388.92	59.01	NA	46.41	NA	NA	NA	3342.51	Sampled
MW-4	09/19/06	3388.92	59.01	NA	46.46	NA	NA	NA	3342.46	
MW-4	10/03/06	3388.92	59.01	NA	46.45	NA	NA	NA	3342.47	
MW-4	10/17/06	3388.92	NG	NA	46.38	NA	NA	NA	3342.54	
MW-4	10/31/06	3388.92	NG	NA	46.36	NA	NA	NA	3342.56	
MW-4	11/15/06	3388.92	NG	NA	46.78	NA	NA	NA	3342.14	
MW-4	12/06/06	3388.92	58.92	NA	46.25	NA	NA	NA	3342.67	Sampled
MW-4	12/13/06	3388.92	NG	NA	46.51	NA	NA	NA	3342.41	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-4	01/03/07	3388.92	NG	NA	46.06	NA	NA	NA	3342.86	
MW-4	01/09/07	3388.92	NG	NA	46.18	NA	NA	NA	3342.74	
MW-4	01/18/07	3388.92	NG	NA	46.10	NA	0.00	10.00	3342.82	Bailed 11 Min
MW-4	01/18/07	3388.92	NG	NA	46.15	NA	0.00	10.00	3342.77	Bailed 11 Min
MW-4	01/18/07	3388.92	NG	NA	46.10	NA	NA	NA	3342.82	
MW-4	01/25/07	3388.92	NG	NA	46.06	NA	NA	NA	3342.86	
MW-4	01/31/07	3388.92	NG	NA	45.98	NA	NA	NA	3342.94	
MW-4	02/07/07	3388.92	NG	NA	46.43	NA	NA	NA	3342.49	
MW-4	02/14/07	3388.92	NG	NA	46.46	NA	NA	NA	3342.46	
MW-4	03/01/07	3388.92	58.95	NA	45.98	NA	NA	NA	3342.94	Sampled
MW-4	05/03/07	3388.92	58.95	NA	45.90	NA	NA	NA	3343.02	
MW-4	05/31/07	3388.92	58.96	NA	45.92	NA	NA	NA	3343.00	Sampled
MW-4	06/06/07	3388.92	58.95	NA	45.88	NA	NA	NA	3343.04	
MW-4	07/05/07	3388.92	58.94	NA	45.98	NA	NA	NA	3342.94	
MW-4	07/31/07	3388.92	58.95	NA	46.00	NA	NA	NA	3342.92	
MW-4	09/07/07	3388.92	58.95	NA	46.10	NA	NA	NA	3342.82	Sampled
MW-4	09/13/07	3388.92	58.95	NA	46.27	NA	100.00	100.00	3342.65	
MW-4	09/13/07	3388.92	58.95	NA	46.88	NA	NA	NA	3342.04	
MW-4	09/18/07	3388.92	58.95	NA	46.11	NA	0.00	50.00	3342.81	
MW-4	09/18/07	3388.92	58.95	NA	46.60	NA	NA	NA	3342.32	
MW-4	09/26/07	3388.92	58.95	NA	46.16	NA	0.00	50.00	3342.76	
MW-4	09/26/07	3388.92	58.95	NA	46.73	NA	NA	NA	3342.19	
MW-4	10/04/07	3388.92	58.95	NA	46.15	NA	0.00	50.00	3342.77	
MW-4	10/04/07	3388.92	58.93	NA	46.99	NA	NA	NA	3341.93	
MW-4	10/10/07	3388.92	58.95	NA	46.21	NA	0.00	50.00	3342.71	
MW-4	10/10/07	3388.92	58.93	NA	46.92	NA	NA	NA	3342.00	
MW-4	10/17/07	3388.92	58.95	NA	46.20	NA	0.00	50.00	3342.72	
MW-4	10/17/07	3388.92	58.93	NA	46.74	NA	NA	NA	3342.18	
MW-4	10/24/07	3388.92	58.95	NA	45.25	NA	0.00	50.00	3343.67	
MW-4	10/24/07	3388.92	58.93	NA	45.30	NA	NA	NA	3343.62	
MW-4	11/07/07	3388.92	58.95	NA	46.27	NA	0.00	50.00	3342.65	
MW-4	11/07/07	3388.92	58.93	NA	46.30	NA	NA	NA	3342.62	
MW-4	11/13/07	3388.92	58.93	NA	46.20	NA	NA	NA	3342.72	Sampled
MW-4	12/05/07	3388.92	58.93	NA	46.15	NA	NA	NA	3342.77	
MW-4	01/09/08	3388.92	58.90	NA	46.12	NA	NA	NA	3342.80	
MW-4	02/06/08	3388.92	58.90	NA	46.16	NA	0.00	20.00	3342.76	
MW-4	02/06/08	3388.92	58.90	NA	46.16	NA	NA	NA	3342.76	
MW-4	02/13/08	3388.92	58.90	NA	46.11	NA	0.00	20.00	3342.81	
MW-4	02/13/08	3388.92	58.90	NA	46.11	NA	NA	NA	3342.81	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-4	02/19/08	3388.92	58.90	NA	46.11	NA	0.00	20.00	3342.81	
MW-4	02/19/08	3388.92	58.90	NA	46.13	NA	NA	NA	3342.79	
MW-4	02/27/08	3388.92	59.92	NA	46.11	NA	0.00	20.00	3342.81	Sampled
MW-4	02/27/08	3388.92	58.90	NA	46.14	NA	NA	NA	3342.78	
MW-4	03/04/08	3388.92	59.92	NA	46.10	NA	0.00	20.00	3342.82	
MW-4	03/04/08	3388.92	58.90	NA	46.13	NA	NA	NA	3342.79	
MW-4	03/12/08	3388.92	59.92	NA	46.08	NA	0.00	20.00	3342.84	
MW-4	03/12/08	3388.92	58.90	NA	46.10	NA	NA	NA	3342.82	
MW-4	03/19/08	3388.92	59.92	NA	46.11	NA	0.00	20.00	3342.81	
MW-4	03/19/08	3388.92	58.90	NA	46.12	NA	NA	NA	3342.80	
MW-4	03/26/08	3388.92	59.92	NA	46.05	NA	0.00	20.00	3342.87	
MW-4	03/26/08	3388.92	58.90	NA	46.07	NA	NA	NA	3342.85	
MW-4	04/02/08	3388.92	59.92	NA	46.07	NA	0.00	20.00	3342.85	
MW-4	04/02/08	3388.92	58.90	NA	46.03	NA	NA	NA	3342.89	
MW-4	04/09/08	3388.92	59.92	NA	45.99	NA	0.00	20.00	3342.93	
MW-4	04/09/08	3388.92	58.90	NA	45.96	NA	NA	NA	3342.96	
MW-4	04/16/08	3388.92	59.92	NA	45.98	NA	0.00	20.00	3342.94	
MW-4	04/16/08	3388.92	58.90	NA	45.96	NA	NA	NA	3342.96	
MW-4	04/24/08	3388.92	58.90	NA	45.96	NA	NA	NA	3342.96	
MW-4	04/30/08	3388.92	58.90	NA	45.93	NA	0.00	20.00	3342.99	
MW-4	04/30/08	3388.92	58.90	NA	45.95	NA	NA	NA	3342.97	
MW-4	05/07/08	3388.92	58.90	NA	45.94	NA	0.00	20.00	3342.98	
MW-4	05/07/08	3388.92	58.90	NA	45.94	NA	NA	NA	3342.98	
MW-4	05/14/08	3388.92	58.90	NA	45.95	NA	0.00	20.00	3342.97	
MW-4	05/14/08	3388.92	58.90	NA	45.96	NA	NA	NA	3342.96	
MW-4	05/22/08	3388.92	58.90	NA	45.99	NA	0.00	20.00	3342.93	Sampled
MW-4	05/22/08	3388.92	58.90	NA	45.99	NA	NA	NA	3342.93	
MW-4	05/29/08	3388.92	58.90	NA	46.00	NA	0.00	20.00	3342.92	
MW-4	05/29/08	3388.92	58.90	NA	46.01	NA	NA	NA	3342.91	
MW-4	06/04/08	3388.92	58.90	NA	46.03	NA	0.00	20.00	3342.89	
MW-4	06/04/08	3388.92	58.90	NA	46.02	NA	NA	NA	3342.90	
MW-4	06/11/08	3388.92	58.90	NA	46.07	NA	0.00	20.00	3342.85	
MW-4	06/11/08	3388.92	58.90	NA	46.09	NA	NA	NA	3342.83	
MW-4	06/18/08	3388.92	58.90	NA	46.08	NA	0.00	20.00	3342.84	
MW-4	06/18/08	3388.92	58.90	NA	46.10	NA	NA	NA	3342.82	
MW-4	06/26/08	3388.92	58.90	NA	46.10	NA	0.00	20.00	3342.82	
MW-4	06/26/08	3388.92	58.90	NA	46.13	NA	NA	NA	3342.79	
MW-4	07/07/08	3388.92	58.90	NA	46.14	NA	0.00	20.00	3342.78	
MW-4	07/07/08	3388.92	58.90	NA	46.15	NA	NA	NA	3342.77	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-4	07/16/08	3388.92	58.90	NA	46.15	NA	0.00	20.00	3342.77	
MW-4	07/16/08	3388.92	58.90	NA	46.17	NA	NA	NA	3342.75	
MW-4	07/21/08	3388.92	58.90	NA	46.15	NA	0.00	20.00	3342.77	
MW-4	07/21/08	3388.92	58.90	NA	46.16	NA	NA	NA	3342.76	
MW-4	07/29/08	3388.92	58.90	NA	46.16	NA	0.00	20.00	3342.76	
MW-4	07/29/08	3388.92	58.90	NA	46.16	NA	NA	NA	3342.76	
MW-4	08/06/08	3388.92	58.90	NA	46.17	NA	NA	NA	3342.75	
MW-4	08/13/08	3388.92	58.90	NA	46.16	NA	0.00	20.00	3342.76	
MW-4	08/13/08	3388.92	58.90	NA	46.17	NA	NA	NA	3342.75	
MW-4	08/20/08	3388.92	58.93	NA	46.20	NA	NA	NA	3342.72	Sampled
MW-4	08/27/08	3388.92	58.93	NA	47.22	NA	0.00	20.00	3341.70	
MW-4	08/27/08	3388.92	58.93	NA	47.24	NA	NA	NA	3341.68	
MW-4	09/02/08	3388.92	58.93	NA	47.24	NA	0.00	20.00	3341.68	
MW-4	09/02/08	3388.92	58.93	NA	47.24	NA	NA	NA	3341.68	
MW-4	09/09/08	3388.92	58.93	NA	47.24	NA	0.00	40.00	3341.68	
MW-4	09/09/08	3388.92	58.93	NA	47.26	NA	NA	NA	3341.66	
MW-4	09/17/08	3388.92	58.93	NA	47.26	NA	0.00	20.00	3341.66	
MW-4	09/17/08	3388.92	58.93	NA	47.27	NA	NA	NA	3341.65	
MW-4	09/24/08	3388.92	58.93	NA	46.49	NA	0.00	20.00	3342.43	
MW-4	09/24/08	3388.92	58.93	NA	46.51	NA	NA	NA	3342.41	
MW-4	10/01/08	3388.92	58.93	NA	46.48	NA	0.00	20.00	3342.44	
MW-4	10/01/08	3388.92	58.93	NA	46.50	NA	NA	NA	3342.42	
MW-4	10/08/08	3388.92	58.93	NA	46.58	NA	0.00	20.00	3342.34	
MW-4	10/08/08	3388.92	58.93	NA	46.58	NA	NA	NA	3342.34	
MW-4	11/05/08	3388.92	58.93	NA	46.46	NA	0.00	10.00	3342.46	
MW-4	11/05/08	3388.92	58.93	NA	47.57	NA	NA	NA	3341.35	
MW-4	11/12/08	3388.92	58.93	NA	46.44	NA	NA	NA	3342.48	
MW-4	11/19/08	3388.92	58.93	NA	46.46	NA	NA	NA	3342.46	Sampled
MW-4	11/26/08	3388.92	58.93	NA	46.47	NA	0.00	20.00	3342.45	
MW-4	11/26/08	3388.92	58.93	NA	46.49	NA	NA	NA	3342.43	
MW-4	12/03/08	3388.92	58.93	NA	46.52	NA	0.00	20.00	3342.40	
MW-4	12/03/08	3388.92	58.93	NA	46.58	NA	NA	NA	3342.34	
MW-4	12/10/08	3388.92	58.93	NA	46.55	NA	0.00	20.00	3342.37	
MW-4	12/10/08	3388.92	58.93	NA	46.55	NA	NA	NA	3342.37	
MW-4	12/17/08	3388.92	58.93	NA	46.51	NA	0.00	15.00	3342.41	
MW-4	12/17/08	3388.92	58.93	NA	46.54	NA	NA	NA	3342.38	
MW-4	12/21/08	3388.92	58.93	NA	46.57	NA	0.00	20.00	3342.35	
MW-4	12/21/08	3388.92	58.93	NA	46.58	NA	NA	NA	3342.34	
MW-4	12/31/08	3388.92	58.93	NA	46.57	NA	0.00	20.00	3342.35	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-4	12/31/08	3388.92	58.93	NA	46.57	NA	NA	NA	3342.35	
MW-4	01/07/09	3388.92	58.93	NA	46.49	NA	0.00	20.00	3342.43	
MW-4	01/07/09	3388.92	58.93	NA	46.51	NA	NA	NA	3342.41	
MW-4	01/15/09	3388.92	58.93	NA	46.49	NA	0.00	15.00	3342.43	
MW-4	01/15/09	3388.92	58.93	NA	46.51	NA	NA	NA	3342.41	
MW-4	01/22/09	3388.92	58.93	NA	46.43	NA	0.00	12.00	3342.49	
MW-4	01/22/09	3388.92	58.93	NA	46.45	NA	NA	NA	3342.47	
MW-4	01/28/09	3388.92	58.93	NA	46.41	NA	0.00	15.00	3342.51	
MW-4	01/28/09	3388.92	58.93	NA	46.43	NA	NA	NA	3342.49	
MW-4	02/04/09	3388.92	58.99	NA	46.39	NA	0.00	10.00	3342.53	
MW-4	02/04/09	3388.92	58.99	NA	46.41	NA	NA	NA	3342.51	
MW-4	02/11/09	3388.92	58.99	NA	46.35	NA	0.00	20.00	3342.57	
MW-4	02/11/09	3388.92	58.99	NA	46.36	NA	NA	NA	3342.56	
MW-4	02/17/09	3388.92	58.92	NA	46.23	NA	NA	NA	3342.69	Sample
MW-4	02/25/09	3388.92	58.92	NA	46.29	NA	0.00	20.00	3342.63	
MW-4	02/25/09	3388.92	58.92	NA	46.31	NA	NA	NA	3342.61	
MW-4	03/04/09	3388.92	58.92	NA	46.30	NA	0.00	20.00	3342.62	
MW-4	03/04/09	3388.92	58.92	NA	46.35	NA	NA	NA	3342.57	
MW-4	03/11/09	3388.92	58.92	NA	46.38	NA	0.00	20.00	3342.54	
MW-4	03/11/09	3388.92	58.92	NA	46.41	NA	NA	NA	3342.51	
MW-4	03/18/09	3388.92	58.92	NA	46.33	NA	0.00	20.00	3342.59	
MW-4	03/18/09	3388.92	58.92	NA	46.45	NA	NA	NA	3342.47	
MW-4	03/25/09	3388.92	58.92	NA	46.37	NA	0.00	20.00	3342.55	
MW-4	03/25/09	3388.92	58.92	NA	46.42	NA	NA	NA	3342.50	
MW-4	04/01/09	3388.92	58.92	NA	46.33	NA	0.00	20.00	3342.59	
MW-4	04/01/09	3388.92	58.92	NA	46.35	NA	NA	NA	3342.57	
MW-4	04/15/09	3388.92	58.92	NA	46.38	NA	0.00	20.00	3342.54	
MW-4	04/15/09	3388.92	58.92	NA	46.35	NA	NA	NA	3342.57	
MW-4	04/22/09	3388.92	58.92	NA	46.34	NA	0.00	20.00	3342.58	
MW-4	04/22/09	3388.92	58.92	NA	46.34	NA	NA	NA	3342.58	
MW-4	04/29/09	3388.92	58.92	NA	46.44	NA	0.00	20.00	3342.48	
MW-4	04/29/09	3388.92	58.92	NA	46.47	NA	NA	NA	3342.45	
MW-4	05/06/09	3388.92	58.92	NA	46.48	NA	0.00	20.00	3342.44	
MW-4	05/06/09	3388.92	58.92	NA	46.59	NA	NA	NA	3342.33	
MW-4	05/14/09	3388.92	58.92	NA	46.50	NA	0.00	20.00	3342.42	
MW-4	05/14/09	3388.92	58.92	NA	46.51	NA	NA	NA	3342.41	
MW-4	05/19/09	3388.92	58.92	NA	46.50	NA	NA	6.00	3342.42	Sampled
MW-4	05/28/09	3388.92	58.92	NA	46.48	NA	0.00	20.00	3342.44	
MW-4	05/28/09	3388.92	58.92	NA	46.52	NA	NA	NA	3342.40	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-4	06/03/09	3388.92	58.92	NA	46.50	NA	0.00	20.00	3342.42	
MW-4	06/03/09	3388.92	58.92	NA	46.52	NA	NA	NA	3342.40	
MW-4	06/11/09	3388.92	58.92	NA	46.47	NA	0.00	20.00	3342.45	
MW-4	06/11/09	3388.92	58.92	NA	46.50	NA	NA	NA	3342.42	
MW-4	06/17/09	3388.92	58.92	NA	46.62	NA	0.00	20.00	3342.30	
MW-4	06/17/09	3388.92	58.92	NA	46.65	NA	NA	NA	3342.27	
MW-4	06/23/09	3388.92	58.92	NA	46.62	NA	0.00	20.00	3342.30	
MW-4	06/23/09	3388.92	58.92	NA	46.70	NA	NA	NA	3342.22	
MW-4	07/01/09	3388.92	58.92	NA	46.58	NA	0.00	20.00	3342.34	
MW-4	07/01/09	3388.92	58.92	NA	46.58	NA	NA	NA	3342.34	
MW-4	07/07/09	3388.28	59.32	NA	46.54	NA	0.00	20.00	3341.74	
MW-4	07/07/09	3388.28	59.32	NA	46.56	NA	NA	NA	3341.72	
MW-4	07/15/09	3388.92	58.92	NA	46.55	NA	0.00	20.00	3342.37	
MW-4	07/15/09	3388.92	58.92	NA	46.55	NA	NA	NA	3342.37	
MW-4	07/29/09	3388.92	58.92	NA	46.49	NA	0.00	20.00	3342.43	
MW-4	07/29/09	3388.92	58.92	NA	46.47	NA	NA	NA	3342.45	
MW-4	08/05/09	3388.92	58.92	NA	46.42	NA	0.00	20.00	3342.50	
MW-4	08/05/09	3388.92	58.92	NA	46.92	NA	NA	NA	3342.00	
MW-4	08/12/09	3388.92	58.92	NA	46.48	NA	0.00	20.00	3342.44	
MW-4	08/12/09	3388.92	58.92	NA	46.68	NA	NA	NA	3342.24	
MW-4	08/19/09	3388.92	58.92	NA	46.46	NA	0.00	20.00	3342.46	
MW-4	08/19/09	3388.92	58.92	NA	46.50	NA	NA	NA	3342.42	
MW-4	08/26/09	3388.92	58.90	NA	46.53	NA	0.00	6.00	3342.39	Sampled
MW-4	09/02/09	3388.92	58.90	NA	46.55	NA	0.00	20.00	3342.37	
MW-4	09/02/09	3388.92	58.90	NA	46.60	NA	NA	NA	3342.32	
MW-4	09/09/09	3388.92	58.90	NA	46.50	NA	0.00	20.00	3342.42	
MW-4	09/09/09	3388.92	58.90	NA	46.51	NA	NA	NA	3342.41	
MW-4	09/16/09	3388.92	58.90	NA	46.51	NA	0.00	20.00	3342.41	
MW-4	09/16/09	3388.92	58.90	NA	46.53	NA	NA	NA	3342.39	
MW-4	09/23/09	3388.92	58.90	NA	46.48	NA	0.00	20.00	3342.44	
MW-4	09/23/09	3388.92	58.90	NA	46.50	NA	NA	NA	3342.42	
MW-4	09/30/09	3388.92	58.90	NA	46.47	NA	0.00	20.00	3342.45	
MW-4	09/30/09	3388.92	58.90	NA	46.48	NA	NA	NA	3342.44	
MW-4	10/07/09	3388.92	58.90	NA	46.47	NA	0.00	20.00	3342.45	
MW-4	10/07/09	3388.92	58.90	NA	46.48	NA	NA	NA	3342.44	
MW-4	10/12/09	3388.92	58.90	NA	46.43	NA	0.00	20.00	3342.49	
MW-4	10/12/09	3388.92	58.90	NA	46.49	NA	NA	NA	3342.43	
MW-4	10/29/09	3388.92	58.90	NA	46.41	NA	0.00	20.00	3342.51	
MW-4	10/29/09	3388.92	58.90	NA	46.42	NA	NA	NA	3342.50	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-4	11/04/09	3388.92	58.90	NA	46.44	NA	0.00	20.00	3342.48	
MW-4	11/04/09	3388.92	58.90	NA	46.45	NA	NA	NA	3342.47	
MW-4	11/17/09	3388.92	58.90	NA	46.43	NA	0.00	20.00	3342.49	Sampled
MW-4	11/25/09	3388.92	58.90	NA	46.43	NA	0.00	20.00	3342.49	
MW-4	11/25/09	3388.92	58.90	NA	46.43	NA	NA	NA	3342.49	
MW-4	12/02/09	3388.92	58.90	NA	46.39	NA	0.00	20.00	3342.53	
MW-4	12/02/09	3388.92	58.90	NA	46.40	NA	NA	NA	3342.52	
MW-4	12/09/09	3388.92	58.90	NA	46.42	NA	0.00	20.00	3342.50	
MW-4	12/09/09	3388.92	58.90	NA	46.41	NA	NA	NA	3342.51	
MW-4	12/16/09	3388.92	58.90	NA	46.46	NA	0.00	20.00	3342.46	
MW-4	12/16/09	3388.92	58.90	NA	46.40	NA	NA	NA	3342.52	
MW-4	12/23/09	3388.92	58.90	NA	46.39	NA	0.00	20.00	3342.53	
MW-4	12/23/09	3388.92	58.90	NA	46.42	NA	NA	NA	3342.50	
MW-4	12/30/09	3388.92	58.90	NA	46.39	NA	0.00	20.00	3342.53	
MW-4	12/30/09	3388.92	58.90	NA	46.42	NA	NA	NA	3342.50	
MW-4	01/06/10	3388.92	58.90	NA	46.49	NA	0.00	20.00	3342.43	
MW-4	01/06/10	3388.92	58.90	NA	46.51	NA	NA	NA	3342.41	
MW-4	01/13/10	3388.92	58.90	NA	46.57	NA	0.00	20.00	3342.35	
MW-4	01/13/10	3388.92	58.90	NA	46.60	NA	NA	NA	3342.32	
MW-4	01/20/10	3388.92	58.90	NA	46.60	NA	0.00	20.00	3342.32	
MW-4	01/20/10	3388.92	58.90	NA	46.61	NA	NA	NA	3342.31	
MW-4	01/27/10	3388.92	58.90	NA	46.66	NA	0.00	20.00	3342.26	
MW-4	01/27/10	3388.92	58.90	NA	46.67	NA	NA	NA	3342.25	
MW-4	02/09/10	3388.92	58.90	NA	46.72	NA	0.00	20.00	3342.20	Sampled
MW-4	02/09/10	3388.92	58.90	NA	46.75	NA	NA	NA	3342.17	
MW-4	02/17/10	3388.92	58.90	NA	46.67	NA	0.00	20.00	3342.25	
MW-4	02/17/10	3388.92	58.90	NA	46.68	NA	NA	NA	3342.24	
MW-4	03/02/10	3388.92	58.90	NA	46.76	NA	0.00	20.00	3342.16	
MW-4	03/02/10	3388.92	58.90	NA	46.78	NA	NA	NA	3342.14	
MW-4	03/10/10	3388.92	58.90	NA	46.71	NA	0.00	20.00	3342.21	
MW-4	03/10/10	3388.92	58.90	NA	46.74	NA	NA	NA	3342.18	
MW-4	03/17/10	3388.92	58.90	NA	46.80	NA	0.00	20.00	3342.12	
MW-4	03/17/10	3388.92	58.90	NA	46.81	NA	NA	NA	3342.11	
MW-4	03/24/10	3388.92	58.90	NA	46.80	NA	0.00	20.00	3342.12	
MW-4	03/24/10	3388.92	58.90	NA	46.85	NA	NA	NA	3342.07	
MW-4	03/31/10	3388.92	58.90	NA	46.74	NA	0.00	20.00	3342.18	
MW-4	03/31/10	3388.92	58.90	NA	46.75	NA	NA	NA	3342.17	
MW-4	04/07/10	3388.92	58.90	NA	46.78	NA	0.00	20.00	3342.14	
MW-4	04/07/10	3388.92	58.90	NA	46.80	NA	NA	NA	3342.12	

TABLE 2
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PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-4	04/14/10	3388.92	58.90	NA	46.82	NA	0.00	20.00	3342.10	
MW-4	04/14/10	3388.92	58.90	NA	46.83	NA	NA	NA	3342.09	
MW-4	04/21/10	3388.92	58.90	NA	46.78	NA	0.00	20.00	3342.14	
MW-4	04/21/10	3388.92	58.90	NA	46.80	NA	NA	NA	3342.12	
MW-4	04/28/10	3388.92	58.90	NA	46.80	NA	0.00	20.00	3342.12	
MW-4	04/28/10	3388.92	58.90	NA	46.81	NA	NA	NA	3342.11	
MW-4	05/05/10	3388.92	58.90	NA	46.87	NA	0.00	20.00	3342.05	
MW-4	05/05/10	3388.92	58.90	NA	46.90	NA	NA	NA	3342.02	
MW-4	05/12/10	3388.92	58.90	NA	46.86	NA	NA	NA	3342.06	Sampled
MW-4	05/19/10	3388.92	58.90	NA	46.84	NA	0.00	20.00	3342.08	
MW-4	05/19/10	3388.92	58.90	NA	46.85	NA	NA	NA	3342.07	
MW-4	05/29/10	3388.92	58.90	NA	46.70	NA	0.00	20.00	3342.22	
MW-4	05/29/10	3388.92	58.90	NA	46.73	NA	NA	NA	3342.19	
MW-4	06/02/10	3388.92	58.90	NA	46.69	NA	NA	NA	3342.23	
MW-4	06/12/10	3388.92	58.90	NA	46.63	NA	0.00	20.00	3342.29	
MW-4	06/12/10	3388.92	58.90	NA	46.63	NA	NA	NA	3342.29	
MW-4	06/15/10	3388.92	58.90	NA	46.52	NA	0.00	20.00	3342.40	
MW-4	06/15/10	3388.92	58.90	NA	46.54	NA	NA	NA	3342.38	
MW-4	06/25/10	3388.92	58.90	NA	46.58	NA	0.00	20.00	3342.34	
MW-4	06/25/10	3388.92	58.90	NA	46.59	NA	NA	NA	3342.33	
MW-4	06/30/10	3388.92	58.90	NA	46.55	NA	NA	NA	3342.37	
MW-4	07/07/10	3388.92	58.90	NA	46.52	NA	0.00	20.00	3342.40	
MW-4	07/07/10	3388.92	58.90	NA	46.54	NA	NA	NA	3342.38	
MW-4	07/14/10	3388.92	58.90	NA	46.51	NA	0.00	20.00	3342.41	
MW-4	07/14/10	3388.92	58.90	NA	46.51	NA	NA	NA	3342.41	
MW-4	07/29/10	3388.92	58.90	NA	46.68	NA	0.00	20.00	3342.24	
MW-4	07/28/10	3388.92	58.90	NA	46.69	NA	NA	NA	3342.23	
MW-4	08/03/10	3388.92	58.90	NA	46.67	NA	0.00	20.00	3342.25	
MW-4	08/03/10	3388.92	58.90	NA	46.68	NA	NA	NA	3342.24	
MW-4	08/17/10	3388.92	58.90	NA	46.83	NA	0.00	20.00	3342.09	
MW-4	08/17/10	3388.92	58.90	NA	46.83	NA	NA	NA	3342.09	
MW-4	08/25/10	3388.92	58.90	NA	46.72	NA	0.00	20.00	3342.20	
MW-4	08/25/10	3388.92	58.90	NA	46.74	NA	NA	NA	3342.18	
MW-4	08/26/10	3388.92	58.90	NA	46.77	NA	NA	NA	3342.15	Sampled
MW-4	09/01/10	3388.92	58.90	NA	46.62	NA	0.00	20.00	3342.30	
MW-4	09/01/10	3388.92	58.90	NA	46.67	NA	NA	NA	3342.25	
MW-4	09/08/10	3388.92	58.90	NA	46.77	NA	0.00	20.00	3342.15	
MW-4	09/08/10	3388.92	58.90	NA	46.79	NA	NA	NA	3342.13	
MW-4	09/15/10	3388.92	58.90	NA	46.84	NA	0.00	20.00	3342.08	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-4	09/15/10	3388.92	58.90	NA	46.87	NA	NA	NA	3342.05	
MW-4	09/21/10	3388.92	58.90	NA	46.76	NA	0.00	20.00	3342.16	
MW-4	09/21/10	3388.92	58.90	NA	46.75	NA	NA	NA	3342.17	
MW-4	10/01/10	3388.92	58.90	NA	46.71	NA	0.00	20.00	3342.21	
MW-4	10/01/10	3388.92	58.90	NA	46.74	NA	NA	NA	3342.18	
MW-4	10/06/10	3388.92	58.90	NA	46.69	NA	0.00	20.00	3342.23	
MW-4	10/06/10	3388.92	58.90	NA	46.71	NA	NA	NA	3342.21	
MW-4	10/13/10	3388.92	58.90	NA	46.69	NA	0.00	20.00	3342.23	
MW-4	10/13/10	3388.92	58.90	NA	46.72	NA	NA	NA	3342.20	
MW-4	10/27/10	3388.92	58.90	NA	46.83	NA	0.00	20.00	3342.09	
MW-4	10/27/10	3388.92	58.90	NA	46.83	NA	NA	NA	3342.09	
MW-4	11/03/10	3388.92	58.90	NA	46.81	NA	0.00	20.00	3342.11	
MW-4	11/03/10	3388.92	58.90	NA	46.86	NA	NA	NA	3342.06	
MW-4	11/10/10	3388.92	58.90	NA	46.84	NA	0.00	20.00	3342.08	
MW-4	11/10/10	3388.92	58.90	NA	46.85	NA	NA	NA	3342.07	
MW-4	11/18/10	3388.92	58.90	NA	46.92	NA	NA	NA	3342.00	Sampled
MW-4	11/23/10	3388.92	58.90	NA	46.91	NA	0.00	10.00	3342.01	
MW-4	11/23/10	3388.92	58.90	NA	46.92	NA	NA	NA	3342.00	
MW-4	12/01/10	3388.92	58.90	NA	46.92	NA	0.00	20.00	3342.00	
MW-4	12/01/10	3388.92	58.90	NA	46.96	NA	NA	NA	3341.96	
MW-4	12/08/10	3388.92	58.90	NA	46.96	NA	NA	NA	3341.96	
MW-4	12/15/10	3388.92	58.90	NA	46.92	NA	0.00	20.00	3342.00	
MW-4	12/15/10	3388.92	58.90	NA	46.93	NA	NA	NA	3341.99	
MW-4	12/21/10	3388.92	58.90	NA	46.99	NA	0.00	20.00	3341.93	
MW-4	12/21/10	3388.92	58.90	NA	47.01	NA	NA	NA	3341.91	
MW-4	01/12/11	3388.92	58.90	ND	46.98	ND	0.00	20.00	3341.94	
MW-4	01/12/11	3388.92	58.90	ND	47.00	ND	NA	NA	3341.92	
MW-4	01/19/11	3388.92	58.90	NA	DNG	NA	0.00	20.00	DNG	
MW-4	01/19/11	3388.92	58.90	NA	DNG	NA	NA	NA	DNG	
MW-4	01/25/11	3388.92	58.90	ND	46.97	ND	0.00	30.00	3341.95	
MW-4	01/25/11	3388.92	58.90	ND	46.98	ND	NA	NA	3341.94	
MW-4	02/08/11	3388.92	58.90	ND	46.88	ND	0.00	15.00	3342.04	
MW-4	02/08/11	3388.92	58.90	ND	46.90	ND	NA	NA	3342.02	
MW-4	02/24/11	3388.92	58.90	NA	46.84	NA	NA	NA	3342.08	Sampled
MW-4	03/02/11	3388.92	58.90	ND	46.83	ND	0.00	20.00	3342.09	
MW-4	03/02/11	3388.92	58.90	ND	46.84	ND	NA	NA	3342.08	
MW-4	03/08/11	3388.92	58.90	NA	46.90	NA	0.00	20.00	3342.02	
MW-4	03/08/11	3388.92	58.90	NA	46.93	NA	NA	NA	3341.99	
MW-4	03/23/11	3388.92	58.90	NA	47.06	NA	0.00	20.00	3341.86	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-4	03/23/11	3388.92	58.90	NA	47.07	NA	NA	NA	3341.85	
MW-4	04/13/11	3388.92	58.90	NA	47.00	NA	NA	NA	3341.92	
MW-4	05/04/11	3388.92	58.90	NA	47.10	NA	0.00	20.00	3341.82	
MW-4	05/04/11	3388.92	58.90	NA	47.11	NA	NA	NA	3341.81	
MW-4	05/31/11	3388.92	58.90	NA	47.27	NA	NA	NA	3341.65	Sampled
MW-4	07/06/11	3388.92	58.90	NA	47.34	NA	NA	NA	3341.58	
MW-4	08/29/11	3388.92	58.90	NA	47.83	NA	NA	NA	3341.09	Sampled
MW-4	09/14/11	3388.92	58.90	NA	47.86	NA	NA	NA	3341.06	
MW-4	10/12/11	3388.92	58.90	NA	47.95	NA	NA	NA	3340.97	
MW-4	11/28/11	3388.92	58.90	NA	47.98	NA	NA	NA	3340.94	Sampled
MW-4	12/07/11	3388.92	58.90	48.94	58.58	9.64	NA	NA	3338.53	Sampled
MW-4	12/27/11	3388.92	58.90	NA	48.03	NA	NA	NA	3340.89	
MW-4	01/18/12	3388.92	58.90	NA	47.84	NA	NA	NA	3341.08	
MW-4	02/02/12	3388.92	58.90	NA	47.76	NA	NA	NA	3341.16	
MW-4	02/15/12	3388.92	58.90	NA	47.77	NA	NA	NA	3341.15	
MW-4	02/22/12	3388.92	58.90	NA	47.67	NA	NA	NA	3341.25	
MW-4	04/20/12	3388.92	58.90	NA	47.65	NA	NA	NA	3341.27	
MW-4	05/22/12	3388.92	58.90	NA	47.93	NA	NA	NA	3340.99	
MW-4	07/18/12	3388.92	58.90	NA	48.42	NA	NA	NA	3340.50	
MW-4	07/25/12	3388.92	58.90	NA	48.47	NA	NA	NA	3340.45	
MW-4	07/25/12	3388.92	58.90	NA	48.50	NA	NA	NA	3340.42	
MW-4	09/11/12	3388.92	58.90	NA	48.35	NA	NA	NA	3340.57	
MW-4	10/16/12	3388.92	58.90	NA	48.33	NA	NA	NA	3340.59	
MW-4	11/26/12	3388.92	58.90	NA	48.35	NA	NA	NA	3340.57	
MW-4	12/11/12	3388.92	58.90	NA	48.54	NA	NA	NA	3340.38	
MW-4	02/27/13	3388.92	58.90	NA	48.30	NA	NA	NA	3340.62	
MW-4	06/10/13	3388.92	58.90	NA	48.41	NA	NA	NA	3340.51	
MW-4	08/14/13	3388.92	58.90	NA	48.75	NA	NA	NA	3340.17	
MW-4	09/11/13	3388.92	58.90	NA	48.87	NA	NA	NA	3340.05	
MW-4	12/11/13	3388.92	58.90	NA	49.24	NA	NA	NA	3339.68	
MW-5	03/21/06	3389.40	59.27	NA	46.50	NA	NA	NA	3342.90	
MW-5	03/28/06	3389.40	59.27	NA	46.44	NA	NA	NA	3342.96	Sampled
MW-5	04/13/06	3389.40	NG	NA	46.48	NA	NA	NA	3342.92	
MW-5	04/25/06	3389.40	NG	NA	46.47	NA	NA	NA	3342.93	
MW-5	05/03/06	3389.40	NG	NA	46.41	NA	NA	NA	3342.99	
MW-5	05/11/06	3389.40	NG	NA	46.47	NA	NA	NA	3342.93	
MW-5	05/24/06	3389.40	NG	NA	46.46	NA	NA	NA	3342.94	
MW-5	06/07/06	3389.40	NG	NA	46.44	NA	NA	NA	3342.96	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-5	06/15/06	3389.40	NG	NA	46.48	NA	NA	NA	3342.92	Sampled
MW-5	06/29/06	3389.40	NG	NA	46.56	NA	NA	NA	3342.84	
MW-5	07/11/06	3389.40	NG	NA	46.51	NA	NA	NA	3342.89	
MW-5	07/25/06	3389.40	NG	NA	46.63	NA	NA	NA	3342.77	
MW-5	08/09/06	3389.40	59.10	NA	46.68	NA	NA	NA	3342.72	
MW-5	08/22/06	3389.40	NG	NA	46.77	NA	NA	NA	3342.63	
MW-5	09/12/06	3389.40	59.24	NA	46.84	NA	NA	NA	3342.56	Sampled
MW-5	09/19/06	3389.40	59.24	NA	46.86	NA	NA	NA	3342.54	
MW-5	10/03/06	3389.40	59.24	NA	46.85	NA	NA	NA	3342.55	
MW-5	10/17/06	3389.40	NG	NA	46.80	NA	NA	NA	3342.60	
MW-5	10/31/06	3389.40	NG	NA	46.79	NA	NA	NA	3342.61	
MW-5	11/15/06	3389.40	NG	NA	46.35	NA	NA	NA	3343.05	
MW-5	12/06/06	3389.40	59.20	NA	46.65	NA	NA	NA	3342.75	Sampled
MW-5	12/13/06	3389.40	NG	NA	46.71	NA	NA	NA	3342.69	
MW-5	01/03/07	3389.40	NG	NA	46.55	NA	NA	NA	3342.85	
MW-5	01/09/07	3389.40	NG	NA	46.60	NA	NA	NA	3342.80	
MW-5	01/18/07	3389.40	NG	NA	46.51	NA	NA	NA	3342.89	
MW-5	01/25/07	3389.40	NG	NA	46.47	NA	NA	NA	3342.93	
MW-5	01/31/07	3389.40	NG	NA	46.39	NA	NA	NA	3343.01	
MW-5	02/07/07	3389.40	NG	NA	46.02	NA	NA	NA	3343.38	
MW-5	02/14/07	3389.40	NG	NA	46.05	NA	NA	NA	3343.35	
MW-5	03/01/07	3389.40	59.15	NA	46.35	NA	NA	NA	3343.05	Sampled
MW-5	05/31/07	3389.40	59.13	NA	46.35	NA	NA	NA	3343.05	Sampled
MW-5	06/06/07	3389.40	59.13	NA	46.30	NA	NA	NA	3343.10	
MW-5	07/05/07	3389.40	59.24	NA	46.44	NA	NA	NA	3342.96	
MW-5	07/31/07	3389.40	59.23	NA	46.48	NA	NA	NA	3342.92	
MW-5	09/06/07	3389.40	59.23	NA	46.57	NA	NA	NA	3342.83	Sampled
MW-5	10/04/07	3389.40	59.25	NA	46.67	NA	NA	NA	3342.73	
MW-5	11/13/07	3389.40	59.16	NA	46.65	NA	NA	NA	3342.75	Sampled
MW-5	12/05/07	3389.40	59.16	NA	46.60	NA	NA	NA	3342.80	
MW-5	01/09/08	3389.40	59.12	NA	46.60	NA	NA	NA	3342.80	
MW-5	02/06/08	3389.40	59.12	NA	46.63	NA	NA	NA	3342.77	
MW-5	02/27/08	3389.40	59.12	NA	46.61	NA	NA	NA	3342.79	Sampled
MW-5	04/02/08	3389.40	59.12	NA	46.58	NA	NA	NA	3342.82	
MW-5	05/22/08	3389.40	59.12	NA	47.14	NA	NA	NA	3342.26	Sampled
MW-5	06/26/08	3389.40	59.12	NA	47.18	NA	NA	NA	3342.22	
MW-5	07/07/08	3389.40	59.12	NA	46.53	NA	NA	NA	3342.87	
MW-5	08/20/08	3389.40	59.11	NA	46.60	NA	NA	NA	3342.80	Sampled
MW-5	10/15/08	3389.40	59.16	NA	47.06	NA	NA	NA	3342.34	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-5	11/19/08	3389.40	59.16	NA	46.89	NA	NA	NA	3342.51	Sampled
MW-5	12/21/08	3389.40	59.16	NA	46.99	NA	NA	NA	3342.41	
MW-5	01/07/09	3389.40	59.11	NA	46.87	NA	NA	NA	3342.53	
MW-5	02/04/09	3389.40	59.17	NA	46.84	NA	NA	NA	3342.56	
MW-5	02/17/09	3389.40	59.12	NA	46.68	NA	NA	NA	3342.72	Sampled
MW-5	03/04/09	3389.40	59.12	NA	46.69	NA	NA	NA	3342.71	
MW-5	04/08/09	3389.40	59.12	NA	46.77	NA	NA	NA	3342.63	
MW-5	05/06/09	3389.40	59.12	NA	46.93	NA	NA	NA	3342.47	
MW-5	05/19/09	3389.40	59.12	NA	46.96	NA	NA	NA	3342.44	Sampled
MW-5	06/03/09	3389.40	59.12	NA	46.93	NA	NA	NA	3342.47	
MW-5	07/15/09	3389.40	59.12	NA	46.55	NA	NA	NA	3342.85	
MW-5	08/05/09	3389.40	59.12	NA	46.84	NA	NA	NA	3342.56	
MW-5	08/26/09	3389.40	59.12	NA	46.98	NA	0.00	6.00	3342.42	Sampled
MW-5	09/02/09	3389.40	59.12	NA	46.99	NA	NA	NA	3342.41	
MW-5	10/07/09	3389.40	59.12	NA	46.89	NA	NA	NA	3342.51	
MW-5	11/04/09	3389.40	59.12	NA	46.85	NA	NA	NA	3342.55	
MW-5	11/17/09	3389.40	59.12	NA	46.85	NA	NA	NA	3342.55	Sampled
MW-5	12/02/09	3389.40	59.12	NA	46.82	NA	NA	NA	3342.58	
MW-5	01/06/10	3389.40	59.12	NA	46.93	NA	NA	NA	3342.47	
MW-5	02/09/10	3389.40	59.12	NA	47.20	NA	NA	NA	3342.20	Sampled
MW-5	03/10/10	3389.40	59.12	NA	47.19	NA	NA	NA	3342.21	
MW-5	04/07/10	3389.40	59.12	NA	47.24	NA	NA	NA	3342.16	
MW-5	05/05/10	3389.40	59.12	NA	47.35	NA	NA	NA	3342.05	
MW-5	05/12/10	3389.40	59.12	NA	47.36	NA	NA	NA	3342.04	Sampled
MW-5	06/02/10	3389.40	59.12	NA	47.13	NA	NA	NA	3342.27	
MW-5	07/07/10	3389.40	59.12	NA	46.96	NA	NA	NA	3342.44	
MW-5	08/03/10	3389.40	59.12	NA	47.19	NA	NA	NA	3342.21	
MW-5	08/26/10	3389.40	59.12	NA	47.15	NA	NA	NA	3342.25	Sampled
MW-5	09/01/10	3389.40	59.12	NA	47.11	NA	NA	NA	3342.29	
MW-5	10/13/10	3389.40	59.12	NA	47.16	NA	NA	NA	3342.24	
MW-5	11/18/10	3389.40	59.12	NA	47.33	NA	NA	NA	3342.07	Sampled
MW-5	11/23/10	3389.40	59.12	NA	47.40	NA	NA	NA	3342.00	
MW-5	12/08/10	3389.40	59.12	NA	47.41	NA	NA	NA	3341.99	
MW-5	01/12/11	3389.40	59.12	NA	47.44	NA	NA	NA	3341.96	
MW-5	02/08/11	3389.40	59.12	NA	47.33	NA	NA	NA	3342.07	
MW-5	02/24/11	3389.40	59.12	NA	47.26	NA	NA	NA	3342.14	Sampled
MW-5	03/08/11	3389.40	59.12	NA	47.35	NA	NA	NA	3342.05	
MW-5	04/13/11	3389.40	59.12	NA	47.44	NA	NA	NA	3341.96	
MW-5	05/31/11	3389.40	59.12	NA	47.21	NA	NA	NA	3342.19	Sampled

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-5	07/06/11	3389.40	59.12	NA	47.79	NA	NA	NA	3341.61	
MW-5	08/29/11	3389.40	59.12	NA	48.28	NA	NA	NA	3341.12	Sampled
MW-5	09/14/11	3389.40	59.12	NA	48.31	NA	NA	NA	3341.09	
MW-5	10/12/11	3389.40	59.12	NA	48.42	NA	NA	NA	3340.98	
MW-5	11/28/11	3389.40	59.12	NA	48.43	NA	NA	NA	3340.97	Sampled
MW-5	12/27/11	3389.40	59.12	NA	48.45	NA	NA	NA	3340.95	
MW-5	01/18/12	3389.40	59.12	NA	48.25	NA	NA	NA	3341.15	
MW-5	02/02/12	3389.40	59.12	NA	48.15	NA	NA	NA	3341.25	
MW-5	02/15/12	3389.40	59.12	NA	48.12	NA	NA	NA	3341.28	
MW-5	02/22/12	3389.40	59.12	NA	48.05	NA	NA	NA	3341.35	
MW-5	04/20/12	3389.40	59.12	NA	48.09	NA	NA	NA	3341.31	
MW-5	05/22/12	3389.40	59.12	NA	48.35	NA	NA	NA	3341.05	
MW-5	07/18/12	3389.40	59.12	NA	48.89	NA	NA	NA	3340.51	
MW-5	09/11/12	3389.40	59.12	NA	48.75	NA	NA	NA	3340.65	
MW-5	10/16/12	3389.40	59.12	NA	48.73	NA	NA	NA	3340.67	
MW-5	11/26/12	3389.40	59.12	NA	48.78	NA	NA	NA	3340.62	
MW-5	12/11/12	3389.40	59.12	NA	48.73	NA	NA	NA	3340.67	
MW-5	02/27/13	3389.40	59.12	NA	48.70	NA	NA	NA	3340.70	
MW-5	06/10/13	3389.40	59.12	NA	48.82	NA	NA	NA	3340.58	
MW-5	08/14/13	3389.40	59.12	NA	49.21	NA	NA	NA	3340.19	
MW-5	09/11/13	3389.40	59.12	NA	49.31	NA	NA	NA	3340.09	
MW-5	12/11/13	3389.40	59.12	NA	49.70	NA	NA	NA	3339.70	
MW-6	05/24/06	3389.72	NG	NA	47.12	NA	NA	NA	3342.60	
MW-6	06/07/06	3389.72	59.25	NA	47.10	NA	NA	NA	3342.62	
MW-6	06/07/06	3389.72	NG	NA	47.15	NA	5.00	0.00	3342.57	
MW-6	06/15/06	3389.72	NG	NA	47.13	NA	NA	NA	3342.59	Sampled
MW-6	06/29/06	3389.72	NG	NA	47.20	NA	NA	NA	3342.52	
MW-6	07/11/06	3389.72	NG	NA	47.23	NA	NA	NA	3342.49	
MW-6	07/25/06	3389.72	NG	NA	47.28	NA	NA	NA	3342.44	
MW-6	08/09/06	3389.72	NG	NA	47.35	NA	NA	NA	3342.37	
MW-6	08/22/06	3389.72	NG	NA	47.43	NA	NA	NA	3342.29	
MW-6	09/12/06	3389.72	58.10	NA	47.46	NA	NA	NA	3342.26	Sampled
MW-6	09/19/06	3389.72	NG	NA	47.51	NA	NA	NA	3342.21	
MW-6	10/03/06	3389.72	NG	NA	47.51	NA	NA	NA	3342.21	
MW-6	10/17/06	3389.72	NG	NA	47.48	NA	NA	NA	3342.24	
MW-6	10/31/06	3389.72	NG	NA	47.45	NA	NA	NA	3342.27	
MW-6	11/15/06	3389.72	NG	NA	47.00	NA	NA	NA	3342.72	
MW-6	12/06/06	3389.72	57.61	NA	47.34	NA	NA	NA	3342.38	Sampled

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-6	12/13/06	3389.72	NG	NA	47.50	NA	NA	NA	3342.22	
MW-6	01/03/07	3389.72	NG	NA	47.20	NA	NA	NA	3342.52	
MW-6	01/09/07	3389.72	NG	NA	47.25	NA	NA	NA	3342.47	
MW-6	01/18/07	3389.72	NG	NA	47.18	NA	NA	NA	3342.54	
MW-6	01/25/07	3389.72	NG	NA	47.15	NA	NA	NA	3342.57	
MW-6	01/31/07	3389.72	NG	NA	47.07	NA	NA	NA	3342.65	
MW-6	02/07/07	3389.72	NG	NA	47.12	NA	NA	NA	3342.60	
MW-6	02/14/07	3389.72	NG	NA	47.17	NA	NA	NA	3342.55	
MW-6	03/01/07	3389.72	57.60	NA	47.08	NA	NA	NA	3342.64	Sampled
MW-6	05/03/07	3389.72	57.60	NA	47.00	NA	NA	NA	3342.72	
MW-6	05/31/07	3389.72	57.21	NA	47.01	NA	NA	NA	3342.71	Sampled
MW-6	06/06/07	3389.72	57.21	NA	46.97	NA	NA	NA	3342.75	
MW-6	07/05/07	3389.72	57.60	NA	47.09	NA	NA	NA	3342.63	
MW-6	07/31/07	3389.72	57.60	NA	47.12	NA	NA	NA	3342.60	
MW-6	09/06/07	3389.72	57.60	NA	47.20	NA	NA	NA	3342.52	Sampled
MW-6	10/04/07	3389.72	57.60	NA	47.24	NA	NA	NA	3342.48	
MW-6	11/13/07	3389.72	57.58	NA	47.31	NA	NA	NA	3342.41	Sampled
MW-6	12/05/07	3389.72	57.58	NA	47.25	NA	NA	NA	3342.47	
MW-6	01/09/08	3389.72	57.26	NA	47.24	NA	NA	NA	3342.48	
MW-6	02/06/08	3389.72	57.26	NA	47.26	NA	NA	NA	3342.46	
MW-6	02/27/08	3389.72	57.46	NA	47.24	NA	NA	NA	3342.48	Sampled
MW-6	04/02/08	3389.72	57.46	NA	47.19	NA	NA	NA	3342.53	
MW-6	05/22/08	3389.72	57.46	NA	47.14	NA	NA	NA	3342.58	Sampled
MW-6	06/27/08	3389.72	57.46	NA	47.24	NA	NA	NA	3342.48	
MW-6	07/07/08	3389.72	57.46	NA	47.20	NA	NA	NA	3342.52	
MW-6	08/20/08	3389.72	57.20	NA	47.28	NA	NA	NA	3342.44	Sampled
MW-6	10/15/08	3389.72	57.25	NA	47.70	NA	NA	NA	3342.02	
MW-6	11/19/08	3389.72	57.25	NA	47.56	NA	NA	NA	3342.16	Sampled
MW-6	12/21/08	3389.72	57.25	NA	47.68	NA	NA	NA	3342.04	
MW-6	01/07/09	3389.72	57.16	NA	47.54	NA	NA	NA	3342.18	
MW-6	02/04/09	3389.72	57.14	NA	47.53	NA	NA	NA	3342.19	
MW-6	02/17/09	3389.72	57.33	NA	47.36	NA	NA	NA	3342.36	Sampled
MW-6	03/04/09	3389.72	57.33	NA	47.37	NA	NA	NA	3342.35	
MW-6	04/08/09	3389.72	57.33	NA	47.43	NA	NA	NA	3342.29	
MW-6	05/06/09	3389.72	57.33	NA	47.60	NA	NA	NA	3342.12	
MW-6	05/19/09	3389.72	57.33	NA	47.59	NA	0.00	5.00	3342.13	Sampled
MW-6	06/03/09	3389.72	57.33	NA	47.58	NA	0.00	5.00	3342.14	
MW-6	07/15/09	3389.72	57.33	NA	47.65	NA	0.00	5.00	3342.07	
MW-6	08/05/09	3389.72	57.33	NA	47.51	NA	NA	NA	3342.21	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-6	08/26/09	3389.72	57.45	NA	47.61	NA	0.00	5.00	3342.11	Sampled
MW-6	09/02/09	3389.72	57.45	NA	47.63	NA	NA	NA	3342.09	
MW-6	10/07/09	3389.72	57.45	NA	47.55	NA	NA	NA	3342.17	
MW-6	11/04/09	3389.72	57.45	NA	47.51	NA	NA	NA	3342.21	
MW-6	11/17/09	3389.72	57.45	NA	47.51	NA	NA	NA	3342.21	Sampled
MW-6	12/02/09	3389.72	57.45	NA	47.47	NA	NA	NA	3342.25	
MW-6	01/06/10	3389.72	57.45	NA	47.56	NA	NA	NA	3342.16	
MW-6	02/09/10	3389.72	57.45	NA	47.81	NA	NA	NA	3341.91	Sampled
MW-6	03/10/10	3389.72	57.45	NA	47.82	NA	NA	NA	3341.90	
MW-6	04/07/10	3389.72	57.45	NA	47.88	NA	NA	NA	3341.84	
MW-6	05/05/10	3389.72	57.45	NA	47.98	NA	NA	NA	3341.74	
MW-6	05/12/10	3389.72	57.45	NA	47.96	NA	NA	NA	3341.76	Sampled
MW-6	06/02/10	3389.72	57.45	NA	47.78	NA	NA	NA	3341.94	
MW-6	07/07/10	3389.72	57.45	NA	47.60	NA	NA	NA	3342.12	
MW-6	08/03/10	3389.72	57.45	NA	47.80	NA	NA	NA	3341.92	
MW-6	08/26/10	3389.72	57.45	NA	47.82	NA	NA	NA	3341.90	Sampled
MW-6	09/01/10	3389.72	57.45	NA	47.74	NA	NA	NA	3341.98	
MW-6	10/13/10	3389.72	57.45	NA	47.78	NA	NA	NA	3341.94	
MW-6	11/18/10	3389.72	57.45	NA	48.01	NA	NA	NA	3341.71	Sampled
MW-6	11/23/10	3389.72	57.45	NA	48.00	NA	NA	NA	3341.72	
MW-6	12/08/10	3389.72	57.45	NA	48.03	NA	NA	NA	3341.69	
MW-6	01/12/11	3389.72	57.45	NA	48.04	NA	NA	NA	3341.68	
MW-6	02/08/11	3389.72	57.45	NA	47.94	NA	NA	NA	3341.78	
MW-6	02/24/11	3389.72	57.45	NA	47.88	NA	NA	NA	3341.84	Sampled
MW-6	03/08/11	3389.72	57.45	NA	47.95	NA	NA	NA	3341.77	
MW-6	04/13/11	3389.72	57.45	NA	48.04	NA	NA	NA	3341.68	
MW-6	05/31/11	3389.72	57.45	NA	48.35	NA	NA	NA	3341.37	Sampled
MW-6	07/06/11	3389.72	57.45	NA	48.37	NA	NA	NA	3341.35	
MW-6	08/29/11	3389.72	57.45	NA	48.85	NA	NA	NA	3340.87	Sampled
MW-6	09/14/11	3389.72	57.45	NA	48.89	NA	NA	NA	3340.83	
MW-6	10/12/11	3389.72	57.45	NA	48.99	NA	NA	NA	3340.73	
MW-6	11/28/11	3389.72	57.45	NA	49.00	NA	NA	NA	3340.72	Sampled
MW-6	12/27/11	3389.72	57.45	NA	49.05	NA	NA	NA	3340.67	
MW-6	01/18/12	3389.72	57.45	NA	48.87	NA	NA	NA	3340.85	
MW-6	02/02/12	3389.72	57.45	NA	48.79	NA	NA	NA	3340.93	
MW-6	02/15/12	3389.72	57.45	NA	48.75	NA	NA	NA	3340.97	
MW-6	02/22/12	3389.72	57.45	NA	48.69	NA	NA	NA	3341.03	
MW-6	04/20/12	3389.72	57.45	NA	48.70	NA	NA	NA	3341.02	
MW-6	05/22/12	3389.72	57.45	NA	48.93	NA	NA	NA	3340.79	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-6	07/18/12	3389.72	57.45	NA	49.49	NA	NA	NA	3340.23	
MW-6	09/11/12	3389.72	57.45	NA	49.43	NA	NA	NA	3340.29	
MW-6	10/16/12	3389.72	57.45	NA	49.34	NA	NA	NA	3340.38	
MW-6	11/26/12	3389.72	57.45	NA	49.45	NA	NA	NA	3340.27	
MW-6	12/11/12	3389.72	57.45	NA	49.44	NA	NA	NA	3340.28	
MW-6	02/27/13	3389.72	57.45	NA	49.39	NA	NA	NA	3340.33	
MW-6	06/10/13	3389.72	57.45	NA	49.52	NA	NA	NA	3340.20	
MW-6	08/14/13	3389.72	57.45	NA	49.86	NA	NA	NA	3339.86	
MW-6	09/11/13	3389.72	57.45	NA	49.97	NA	NA	NA	3339.75	
MW-6	12/11/13	3389.72	57.45	NA	50.34	NA	NA	NA	3339.38	
MW-7	05/24/06	3389.28	NG	NA	46.67	NA	NA	NA	3342.61	
MW-7	06/07/06	3389.28	57.90	NA	46.69	NA	NA	NA	3342.59	
MW-7	06/07/06	3389.28	NG	NA	46.77	NA	5.00	0.00	3342.51	
MW-7	06/15/06	3389.28	NG	NA	46.67	NA	NA	NA	3342.61	Sampled
MW-7	06/29/06	3389.28	NG	NA	46.77	NA	NA	NA	3342.51	
MW-7	07/11/06	3389.28	NG	NA	46.78	NA	NA	NA	3342.50	
MW-7	07/25/06	3389.28	NG	NA	46.84	NA	NA	NA	3342.44	
MW-7	08/09/06	3389.28	56.36	NA	46.94	NA	NA	NA	3342.34	
MW-7	08/22/06	3389.28	NG	NA	46.98	NA	NA	NA	3342.30	
MW-7	09/12/06	3389.28	56.54	NA	47.03	NA	NA	NA	3342.25	Sampled
MW-7	09/19/06	3389.28	NG	NA	47.07	NA	NA	NA	3342.21	
MW-7	10/03/06	3389.28	NG	NA	47.05	NA	NA	NA	3342.23	
MW-7	10/17/06	3389.28	NG	NA	47.04	NA	NA	NA	3342.24	
MW-7	10/31/06	3389.28	NG	NA	46.98	NA	NA	NA	3342.30	
MW-7	11/15/06	3389.28	NG	NA	47.43	NA	NA	NA	3341.85	
MW-7	12/06/06	3389.28	56.33	NA	46.88	NA	NA	NA	3342.40	Sampled
MW-7	12/13/06	3389.28	NG	NA	47.00	NA	NA	NA	3342.28	
MW-7	01/03/07	3389.28	NG	NA	46.75	NA	NA	NA	3342.53	
MW-7	01/09/07	3389.28	NG	NA	46.81	NA	NA	NA	3342.47	
MW-7	01/18/07	3389.28	NG	NA	46.71	NA	NA	NA	3342.57	
MW-7	01/25/07	3389.28	NG	NA	46.70	NA	NA	NA	3342.58	
MW-7	01/31/07	3389.28	NG	NA	46.62	NA	NA	NA	3342.66	
MW-7	02/07/07	3389.28	NG	NA	46.65	NA	NA	NA	3342.63	
MW-7	02/14/07	3389.28	NG	NA	46.69	NA	NA	NA	3342.59	
MW-7	03/01/07	3389.28	55.99	NA	46.62	NA	NA	NA	3342.66	Sampled
MW-7	05/03/07	3389.28	55.99	NA	46.53	NA	NA	NA	3342.75	
MW-7	05/31/07	3389.28	55.98	NA	46.53	NA	NA	NA	3342.75	Sampled
MW-7	06/06/07	3389.28	55.98	NA	46.50	NA	NA	NA	3342.78	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-7	07/05/07	3389.28	56.01	NA	46.60	NA	NA	NA	3342.68	
MW-7	07/31/07	3389.28	56.02	NA	46.63	NA	NA	NA	3342.65	
MW-7	09/06/07	3389.28	56.02	NA	46.72	NA	NA	NA	3342.56	Sampled
MW-7	10/04/07	3389.28	56.02	NA	46.78	NA	NA	NA	3342.50	
MW-7	11/13/07	3389.28	58.97	NA	46.80	NA	NA	NA	3342.48	Sampled
MW-7	12/05/07	3389.28	58.97	NA	46.75	NA	NA	NA	3342.53	
MW-7	01/09/08	3389.28	56.10	NA	46.75	NA	NA	NA	3342.53	
MW-7	02/06/08	3389.28	56.10	NA	46.75	NA	NA	NA	3342.53	
MW-7	02/27/08	3389.28	55.92	NA	46.72	NA	NA	NA	3342.56	Sampled
MW-7	04/02/08	3389.28	55.92	NA	46.69	NA	NA	NA	3342.59	
MW-7	05/22/08	3389.28	55.92	NA	46.63	NA	NA	NA	3342.65	Sampled
MW-7	06/26/08	3389.28	55.92	NA	46.72	NA	NA	NA	3342.56	
MW-7	07/07/08	3389.28	55.92	NA	46.72	NA	NA	NA	3342.56	
MW-7	08/20/08	3389.28	55.88	NA	46.77	NA	NA	NA	3342.51	Sampled
MW-7	10/15/08	3389.28	55.89	NA	47.20	NA	NA	NA	3342.08	
MW-7	11/19/08	3389.28	55.89	NA	47.08	NA	NA	NA	3342.20	
MW-7	12/21/08	3389.28	55.89	NA	47.18	NA	NA	NA	3342.10	
MW-7	01/07/09	3389.28	55.53	NA	47.05	NA	NA	NA	3342.23	
MW-7	02/04/09	3389.28	55.48	NA	47.05	NA	NA	NA	3342.23	
MW-7	02/17/09	3389.28	55.82	NA	46.89	NA	NA	NA	3342.39	Sampled
MW-7	03/04/09	3389.28	55.82	NA	46.90	NA	NA	NA	3342.38	
MW-7	04/08/09	3389.28	55.82	NA	46.90	NA	NA	NA	3342.38	
MW-7	05/07/09	3389.28	55.82	NA	47.11	NA	NA	NA	3342.17	
MW-7	05/19/09	3389.28	55.82	NA	47.13	NA	0.00	5.00	3342.15	Sampled
MW-7	06/03/09	3389.28	55.82	NA	47.11	NA	NA	NA	3342.17	
MW-7	07/15/09	3389.28	55.82	NA	47.17	NA	NA	NA	3342.11	
MW-7	08/05/09	3389.28	55.82	NA	47.07	NA	NA	NA	3342.21	
MW-7	08/26/09	3389.28	55.45	NA	47.13	NA	0.00	5.00	3342.15	Sampled
MW-7	09/02/09	3389.28	55.45	NA	47.17	NA	NA	NA	3342.11	
MW-7	10/07/09	3389.28	55.45	NA	47.10	NA	NA	NA	3342.18	
MW-7	11/04/09	3389.28	55.45	NA	47.08	NA	NA	NA	3342.20	
MW-7	11/17/09	3389.28	55.45	NA	47.06	NA	NA	NA	3342.22	Sampled
MW-7	12/02/09	3389.28	55.45	NA	47.03	NA	NA	NA	3342.25	
MW-7	01/06/10	3389.28	55.45	NA	47.10	NA	NA	NA	3342.18	
MW-7	02/09/10	3389.28	55.45	NA	47.30	NA	NA	NA	3341.98	Sampled
MW-7	03/10/10	3389.28	55.45	NA	47.29	NA	NA	NA	3341.99	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-7	04/07/10	3389.28	55.45	NA	47.37	NA	NA	NA	3341.91	
MW-7	05/05/10	3389.28	55.45	NA	47.45	NA	NA	NA	3341.83	
MW-7	05/12/10	3389.28	55.45	NA	47.45	NA	NA	NA	3341.83	Sampled
MW-7	06/02/10	3389.28	55.45	NA	47.30	NA	NA	NA	3341.98	
MW-7	07/07/10	3389.28	55.45	NA	47.17	NA	NA	NA	3342.11	
MW-7	08/03/10	3389.28	55.45	NA	47.28	NA	NA	NA	3342.00	
MW-7	08/26/10	3389.28	55.45	NA	47.27	NA	NA	NA	3342.01	Sampled
MW-7	09/01/10	3389.28	55.45	NA	47.24	NA	NA	NA	3342.04	
MW-7	10/13/10	3389.28	55.45	NA	47.28	NA	NA	NA	3342.00	
MW-7	11/18/10	3389.28	55.45	NA	47.47	NA	NA	NA	3341.81	Sampled
MW-7	11/23/10	3389.28	55.45	NA	47.51	NA	NA	NA	3341.77	
MW-7	12/08/10	3389.28	55.45	NA	47.55	NA	NA	NA	3341.73	
MW-7	01/12/11	3389.28	55.45	NA	47.56	NA	NA	NA	3341.72	
MW-7	02/08/11	3389.28	55.45	NA	47.45	NA	NA	NA	3341.83	
MW-7	02/24/11	3389.28	55.45	NA	47.41	NA	NA	NA	3341.87	Sampled
MW-7	03/08/11	3389.28	55.45	NA	47.48	NA	NA	NA	3341.80	
MW-7	04/13/11	3389.28	55.45	NA	47.59	NA	NA	NA	3341.69	
MW-7	05/31/11	3389.28	55.45	NA	47.83	NA	NA	NA	3341.45	Sampled
MW-7	07/06/11	3389.28	55.45	NA	47.91	NA	NA	NA	3341.37	
MW-7	08/29/11	3389.28	55.45	NA	48.36	NA	NA	NA	3340.92	Sampled
MW-7	09/14/11	3389.28	55.45	NA	48.40	NA	NA	NA	3340.88	
MW-7	10/12/11	3389.28	55.45	NA	48.50	NA	NA	NA	3340.78	
MW-7	11/28/11	3389.28	55.45	NA	48.53	NA	NA	NA	3340.75	Sampled
MW-7	12/27/11	3389.28	55.45	NA	48.52	NA	NA	NA	3340.76	
MW-7	01/18/12	3389.28	55.45	NA	48.41	NA	NA	NA	3340.87	
MW-7	02/02/12	3389.28	55.45	NA	48.35	NA	NA	NA	3340.93	
MW-7	02/15/12	3389.28	55.45	NA	48.32	NA	NA	NA	3340.96	
MW-7	02/22/12	3389.28	55.45	NA	48.22	NA	NA	NA	3341.06	
MW-7	04/20/12	3389.28	55.45	NA	48.23	NA	NA	NA	3341.05	
MW-7	05/22/12	3389.28	55.45	NA	48.00	NA	NA	NA	3341.28	
MW-7	07/18/12	3389.28	55.45	NA	49.00	NA	NA	NA	3340.28	Sampled
MW-7	09/11/12	3389.28	55.45	NA	48.98	NA	NA	NA	3340.30	
MW-7	10/16/12	3389.28	55.45	NA	48.95	NA	NA	NA	3340.33	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H_20		
MW-7	11/26/12	3389.28	55.45	NA	48.98	NA	NA	NA	3340.30	
MW-7	12/11/12	3389.28	55.45	NA	48.98	NA	NA	NA	3340.30	
MW-7	02/27/13	3389.28	55.45	NA	48.94	NA	NA	NA	3340.34	
MW-7	06/10/13	3389.28	55.45	NA	49.05	NA	NA	NA	3340.23	
MW-7	08/14/13	3389.28	55.45	NA	49.38	NA	NA	NA	3339.90	
MW-7	09/11/13	3389.28	55.45	NA	49.51	NA	NA	NA	3339.77	
MW-7	12/11/13	3389.28	55.45	NA	49.84	NA	NA	NA	3339.44	

NA: Not Applicable
NG: Not Gauged
[a] Possible error in field data entry

TABLE 3
2013 GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
DS Hugh Site
SRS #2000-10807
Lea County, New Mexico

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-1	NS	NS	NS	NS	NS	NS
MW-1	06/10/13	L641101-01	**0.028**	0.10	0.066	0.16
MW-1	09/11/13	NS	NS	NS	NS	NS
MW-1	12/11/13	NS	NS	NS	NS	NS
MW-2	02/27/13	L622427-01	<0.001	<0.005	<0.001	<0.003
MW-2	06/10/13	L641101-02	<0.001	<0.005	<0.001	<0.003
MW-2	09/11/13	L657122-01	<0.001	<0.005	<0.001	<0.003
MW-2	12/11/13	L673997-01	<0.001	<0.005	<0.001	<0.003
MW-3	02/27/13	L622427-02	<0.001	<0.005	<0.001	<0.003
MW-3	06/10/13	L641101-03	<0.001	<0.005	<0.001	<0.003
MW-3	09/11/13	L657122-02	<0.001	<0.005	<0.001	<0.003
MW-3	12/11/13	L673997-02	<0.001	<0.005	<0.001	<0.003
MW-4	02/27/13	L622427-03	0.0012	<0.005	0.052	0.069
MW-4	06/10/13	L641101-04	0.00042 J	<0.005	0.0052	0.0064
MW-4	09/11/13	L657122-03	0.00075 **J**	<0.005	0.021	0.026
MW-4	12/11/13	L673997-03	<0.001	<0.005	0.0079	0.0052
MW-5	02/27/13	L622427-04	<0.001	<0.005	0.0006	<0.003
MW-5	06/10/13	L641101-05	<0.001	<0.005	<0.001	<0.003
MW-5	09/11/13	L657122-04	<0.001	<0.005	<0.001	<0.003
MW-5	12/11/13	L673997-04	<0.001	<0.005	<0.001	<0.003
MW-6	02/27/13	L622427-05	<0.001	<0.005	<0.001	<0.003
MW-6	06/10/13	L641101-06	<0.001	<0.005	<0.001	<0.003
MW-6	09/11/13	L657122-05	<0.001	<0.005	<0.001	<0.003
MW-6	12/11/13	L673997-05	<0.001	<0.005	<0.001	<0.003
MW-7	02/27/13	L622427-06	<0.001	<0.005	<0.001	<0.003
MW-7	06/10/13	L641101-07	<0.001	<0.005	<0.001	<0.003
MW-7	09/11/13	L657122-06	<0.001	<0.005	<0.001	<0.003
MW-7	12/11/13	L673997-06	<0.001	<0.005	<0.001	<0.003

NMOCD: New Mexico Oil Conservation District
Exceedences of NMOCD Remediation Criteria are shown in **bold**

TABLE 4
D.S. HUGH
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
PLAINS MARKETING, L.P.
D.S. HUGH SITE
SRS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	MTBE (mg/L)	SW 846-8021B			
				Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
				NMOCD Remediation Criteria			
				0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-1	12/21/05	NS	NA	NS	NS	NS	NS
MW-1	03/28/06	NS	NA	NS	NS	NS	NS
MW-1	06/15/06	NS	NA	NS	NS	NS	NS
MW-1	09/12/06	NS	NA	NS	NS	NS	NS
MW-1	03/01/07	NS	NA	NS	NS	NS	NS
MW-1	05/22/08	T22302-1	NA	**0.512**	0.439	0.141	0.323
MW-1	05/19/09	9052214	<0.000750	**0.0105**	0.0143	0.0061	0.0178
MW-1	05/12/10	1005476-01	NA	**0.45**	0.68	0.30	**0.84**
MW-1	05/31/11	1106003-01	NA	**0.40**	0.36	0.30	**0.74**
MW-1	08/29/11	NS	NS	NS	NS	NS	NS
MW-1	11/28/11	NS	NS	NS	NS	NS	NS
MW-1	02/22/12	NS	NS	NS	NS	NS	NS
MW-1	05/22/12	12051129-01	NA	**0.55**	**1.5**	0.6	**1.5**
MW-1	09/11/12	NS	NS	NS	NS	NS	NS
MW-1	11/26/12	NS	NS	NS	NS	NS	NS
MW-1	02/27/13	NS	NS	NS	NS	NS	NS
MW-1	06/10/13	L641101-01	NS	**0.028**	0.10	0.066	0.16
MW-1	09/11/13	NS	NS	NS	NS	NS	NS
MW-1	12/11/13	NS	NS	NS	NS	NS	NS
MW-2	12/21/05	T12186-1	NA	<0.002	<0.002	<0.002	<0.006
MW-2	03/28/06	T13038-1	NA	<0.00038	<0.00036	<0.00035	<0.00072
MW-2	06/15/06	T13864-1	NA	<0.00038	<0.00036	<0.00035	<0.00072
MW-2	09/12/06	T14673-1	NA	<0.00035	<0.00020	<0.00033	<0.00036
MW-2	12/06/06	T15625-1	NA	<0.00035	<0.00020	<0.00033	<0.00036
MW-2	03/01/07	T16518-1	NA	<0.00035	<0.00020	<0.00033	<0.00036
MW-2	06/01/07	T17666-1	NA	<0.00021	<0.00023	<0.00035	<0.00055
MW-2	09/07/07	T18804-1	NA	<0.00021	<0.00023	<0.00035	<0.00055
MW-2	11/13/07	T19746-1	NA	<0.0005	<0.0005	<0.0005	<0.001
MW-2	02/27/08	T21042-1	NA	0.00077 J	<0.00023	0.00085 J	0.00068 J
MW-2	05/22/08	T22302-2	NA	0.00029 J	<0.00023	<0.00035	<0.0055
MW-2	08/20/08	T23537-1	NA	<0.0005	<0.0005	<0.0005	<0.001
MW-2	11/19/08	180051	NA	0.00230	<0.00100	0.00180	0.00130
MW-2	02/17/09	187738	NA	<0.001	<0.001	<0.001	<0.001
MW-2	05/19/09	9052214	<0.000160	<0.000133	<0.000281	<0.000535	<0.000960
MW-2	08/26/09	208335	NA	<0.000133	<0.000281	<0.000535	<0.000960
MW-2	11/17/09	215429	<0.000750	<0.000160	<0.000332	<0.000230	<0.000143
MW-2	02/09/10	222048	NA	<0.000208	<0.000208	<0.000303	<0.000326
MW-2	05/12/10	1005476-02	NA	0.00077 J	<0.00020	0.00039 J	<0.00070
MW-2	08/26/10	1008908-01	NA	<0.00020	<0.00020	<0.00020	<0.00070
MW-2	11/18/10	1011751-01	NA	<0.00020	<0.00020	<0.00020	<0.00070
MW-2	02/24/11	1102759-01	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	05/31/11	1106003-02	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	08/29/11	1108973-01	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	11/28/11	1111900-01	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	02/22/12	1202868-01	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	05/22/12	12051129-02	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	09/11/12	1209470-01	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	11/26/12	1211905-01	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	02/27/13	L622427-01	NA	<0.001	<0.005	<0.001	<0.003
MW-2	06/10/13	L641101-02	NA	<0.001	<0.005	<0.001	<0.003
MW-2	09/11/13	L657122-01	NA	<0.001	<0.005	<0.001	<0.003
MW-2	12/11/13	L673997-01	NA	<0.001	<0.005	<0.001	<0.003
MW-3	12/21/05	T12186-2	NA	<0.002	<0.002	<0.002	<0.006
MW-3	03/28/06	T13038-2	NA	<0.00038	<0.00036	<0.00035	<0.00072
MW-3	06/15/06	T13864-2	NA	<0.00038	<0.00036	<0.00035	<0.00072
MW-3	09/12/06	T14673-2	NA	<0.00035	<0.00020	<0.00033	<0.00036
MW-3	12/06/06	T15625-2	NA	<0.00035	<0.00020	<0.00033	<0.00036
MW-3	03/01/07	T16518-2	NA	<0.00035	<0.00020	<0.00033	<0.00036
MW-3	06/01/07	T17666-2	NA	<0.00021	<0.00023	<0.00035	<0.00055
MW-3	09/07/07	T18804-2	NA	<0.00021	<0.00023	<0.00035	<0.00055
MW-3	11/13/07	T19746-2	NA	<0.0005	<0.0005	<0.0005	<0.001

TABLE 4
D.S. HUGH
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
PLAINS MARKETING, L.P.
D.S. HUGH SITE
SRS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	MTBE (mg/L)	SW 846-8021B			
				Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
				NMOCD Remediation Criteria			
				0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-3	02/27/08	T21042-2	NA	0.00021 J	<0.00023	<0.00035	<0.00055
MW-3	05/22/08	T22302-3	NA	<0.00021	<0.00023	<0.00035	<0.00055
MW-3	08/20/08	T23537-2	NA	<0.0005	<0.0005	<0.0005	<0.001
MW-3	11/19/08	180052	NA	<0.00100	<0.00100	<0.00100	<0.00100
MW-3	02/17/09	187739	NA	<0.001	<0.001	<0.001	<0.001
MW-3	05/19/09	9052214	<0.000469	<0.000149	<0.000188	<0.000178	<0.000163
MW-3	08/26/09	208336	NA	<0.000133	<0.000281	<0.000535	<0.000960
MW-3	11/17/09	215430	<0.000750	<0.000160	<0.000332	<0.000230	<0.000143
MW-3	02/09/10	222049	NA	<0.000208	<0.000208	<0.000303	<0.000326
MW-3	05/12/10	1005476-03	NA	0.0012	<0.00020	0.00049 J	0.00088 J
MW-3	08/26/10	1008908-02	NA	<0.00020	<0.00020	<0.00020	<0.00070
MW-3	11/18/10	1011751-02	NA	<0.00020	<0.00020	<0.00020	<0.00070
MW-3	02/24/11	1102759-02	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	05/31/11	1106003-03	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	08/29/11	1108973-02	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	11/28/11	1111900-02	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	02/22/12	1202868-02	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	05/23/12	12051129-03	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	09/11/12	1209470-02	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	11/26/12	1211905-02	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	02/27/13	L622427-02	NA	<0.001	<0.005	<0.001	<0.003
MW-3	06/10/13	L641101-03	NA	<0.001	<0.005	<0.001	<0.003
MW-3	09/11/13	L657122-02	NA	<0.001	<0.005	<0.001	<0.003
MW-3	12/11/13	L673997-02	NA	<0.001	<0.005	<0.001	<0.003
MW-4	03/28/06	T13038-3	NA	**0.2** [a]	0.0535	0.0384	0.115
MW-4	06/15/06	T13864-3	NA	**0.41** [a]	0.0926	0.144 [a]	0.403 [a]
MW-4	09/12/06	T14673-3	NA	**0.617** [a]	0.025	0.232 [a]	0.208
MW-4	12/06/06	T15625-3	NA	**1.25** [a]	0.196	0.581 [a]	**0.818**
MW-4	03/01/07	T16518-3	NA	**1.06**	0.186	0.294	0.195
MW-4	06/01/07	T17666-3	NA	**1.25**	0.0195 J	0.349	0.192
MW-4	09/07/07	T18804-3	NA	**1.51**	0.0554	0.317	0.295
MW-4	11/13/07	T19746-3	NA	**1.38** [a]	0.0251	0.256	0.22
MW-4	02/27/08	T21042-3	NA	**1.77**	0.0882	0.532	**0.792**
MW-4	05/22/08	T22302-4	NA	**1.09**	0.0215	0.291	0.254
MW-4	08/20/08	T23537-3	NA	**0.662** [a]	0.0161	0.207 [a]	0.249
MW-4	11/19/08	180053	NA	**0.567**	0.0398	0.205	0.326
MW-4	02/17/09	187740	NA	**0.654**	0.0451	0.196	0.507
MW-4	05/19/09	9052214	<0.00938	**0.338**	0.0259	0.174	0.319
MW-4	08/26/09	208337	NA	**0.301**	0.0405	0.180	0.407
MW-4	11/17/09	215431	<0.000750	**0.112**	0.0350	0.115	0.246
MW-4	02/09/10	222050	NA	**0.16**	0.0663	0.159	0.398
MW-4	05/12/10	1005476-04	NA	**0.11**	0.0450	0.14	0.4
MW-4	08/26/10	1008908-03	NA	**0.038**	0.0340	0.094	0.26
MW-4	11/18/10	1011751-03	NA	**0.014**	0.0023	0.12	0.26
MW-4	02/24/11	1102759-03	NA	**0.020**	0.030	0.096	0.26
MW-4	05/31/11	1106003-04	NA	**0.024**	0.022	0.079	0.28
MW-4	08/29/11	1108973-03	NA	**0.014**	0.0035 P	0.11	0.28
MW-4	11/28/11	1111900-03	NA	0.0091	<0.0010	0.10	0.18
MW-4	02/12/22	1202868-03	NA	**0.011**	<0.0010	0.11	0.21
MW-4	05/23/12	12051129-03	NA	**0.011**	0.001	0.15	0.38
MW-4	09/11/12	1209470-03	NA	0.0075	<0.0010	0.14	0.23
MW-4	11/26/12	1211905-03	NA	0.004	<0.0010	0.11	0.15
MW-4	02/27/13	L622427-03	NA	0.0012	<0.005	0.052	0.069
MW-4	06/10/13	L641101-04	NA	0.00042 J	<0.005	0.0052	0.0064
MW-4	09/11/13	L657122-03	NA	0.00075 **J**	<0.005	0.021	0.026
MW-4	12/11/13	L673997-03	NA	<0.001	<0.005	0.0079	0.0052
MW-5	03/28/06	T13038-4	NA	<0.00038	<0.00036	<0.00035	<0.00072
MW-5	06/15/06	T13864-4	NA	<0.00038	<0.00036	<0.00035	<0.00072
MW-5	09/12/06	T14673-4	NA	<0.00035	<0.00020	<0.00033	<0.00036
MW-5	12/06/06	T15625-4	NA	<0.00035	<0.00020	<0.00033	<0.00036
MW-5	03/01/07	T16518-4	NA	<0.00035	<0.00020	<0.00033	<0.00036

TABLE 4
D.S. HUGH
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
PLAINS MARKETING, L.P.
D.S. HUGH SITE
SRS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	MTBE (mg/L)	SW 846-8021B			
				Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
				NMOCD Remediation Criteria			
				0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-5	06/01/07	T17666-4	NA	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	09/07/07	T18804-4	NA	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	11/13/07	T19746-4	NA	<0.0005	<0.0005	<0.0005	<0.001
MW-5	02/27/08	T21042-4	NA	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	05/22/08	T22302-5	NA	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	08/20/08	T23537-4	NA	<0.0005	<0.0005	<0.0005	<0.001
MW-5	11/19/08	180054	NA	<0.00100	<0.00100	<0.00100	<0.00100
MW-5	02/17/09	187741	NA	<0.00100	<0.00100	<0.00100	<0.00100
MW-5	05/19/09	9052214	<0.000469	<0.000149	<0.000188	<0.000178	<0.000163
MW-5	08/26/09	208338	NA	<0.000133	<0.000281	<0.000535	<0.000960
MW-5	11/17/09	215432	<0.000160	<0.000133	<0.000281	<0.000535	<0.000960
MW-5	02/09/10	222051	NA	<0.000208	<0.000208	<0.000303	<0.000326
MW-5	05/12/10	1005476-05	NA	0.00058 J	<0.00020	0.00042 J	0.001 J
MW-5	08/26/10	1008908-04	NA	<0.00020	<0.00020	<0.00020	<0.00070
MW-5	11/18/10	1011751-04	NA	<0.00020	<0.00020	<0.00020	<0.00070
MW-5	02/24/11	1102759-04	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	05/31/11	1106003-05	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	08/29/11	1108973-04	NA	<0.0010	<0.0010	<0.0010	<0.0030 P
MW-5	11/28/11	1111900-04	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	02/22/12	1202868-04	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	05/23/12	12051129-05	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	09/11/12	1209470-04	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	11/26/12	1211905-04	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	02/27/13	L622427-04	NA	<0.001	<0.005	0.0006	<0.003
MW-5	06/10/13	L641101-05	NA	<0.001	<0.005	<0.001	<0.003
MW-5	09/11/13	L657122-04	NA	<0.001	<0.005	<0.001	<0.003
MW-5	12/11/13	L673997-04	NA	<0.001	<0.005	<0.001	<0.003
MW-6	06/15/06	T13864-5	NA	<0.00038	<0.00036	<0.00035	<0.00072
MW-6	09/12/06	T14673-5	NA	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	12/06/06	T15625-5	NA	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	03/01/07	T16518-5	NA	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	06/01/07	T17666-5	NA	<0.00021	<0.00023	<0.00035	0.0014 J
MW-6	09/07/07	T18804-5	NA	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	11/13/07	T19746-5	NA	<0.0005	<0.0005	<0.0005	<0.001
MW-6	02/27/08	T21042-5	NA	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	05/22/08	T22302-6	NA	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	08/20/08	T23537-5	NA	0.0065	<0.0005	0.0037	<0.001
MW-6	11/19/08	180055	NA	<0.00100	<0.00100	<0.00100	<0.00100
MW-6	02/17/09	187742	NA	<0.00100	<0.00100	<0.00100	<0.00100
MW-6	05/19/09	9052214	<0.000469	<0.000149	<0.000188	<0.000178	<0.000163
MW-6	08/26/09	208339	NA	<0.000133	<0.000281	<0.000535	<0.000960
MW-6	11/17/09	215433	<0.000160	<0.000133	<0.000281	<0.000535	<0.000960
MW-6	02/09/10	222052	NA	<0.000208	<0.000208	0.0006 J	0.0007 J
MW-6	05/12/10	1005476-06	NA	<0.00020	<0.00020	<0.00020	<0.00070
MW-6	08/26/10	1008908-05	NA	<0.00020	<0.00020	<0.00020	<0.00070
MW-6	11/18/10	1011751-05	NA	<0.00020	<0.00020	<0.00020	<0.00070
MW-6	02/24/11	1102759-05	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	05/31/11	1106003-06	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	08/29/11	1108973-05	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	11/28/11	1111900-05	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	02/22/12	1202868-05	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	05/22/12	12051129-06	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	09/11/12	1209470-05	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	11/26/12	1211905-05	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	02/27/13	L622427-05	NA	<0.001	<0.005	<0.001	<0.003
MW-6	06/10/13	L641101-06	NA	<0.001	<0.005	<0.001	<0.003
MW-6	09/11/13	L657122-05	NA	<0.001	<0.005	<0.001	<0.003
MW-6	12/11/13	L673997-05	NA	<0.001	<0.005	<0.001	<0.003
MW-7	06/15/06	T13864-6	NA	<0.00038	<0.00036	<0.00035	<0.00072
MW-7	09/12/06	T14673-6	NA	**0.0163**	<0.00020	<0.00033	0.0036
MW-7	12/06/06	T15625-6	NA	**0.011**	<0.00020	<0.00033	0.004

TABLE 4
D.S. HUGH
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
PLAINS MARKETING, L.P.
D.S. HUGH SITE
SRS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	MTBE (mg/L)	SW 846-8021B			
				Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
				NMOCD Remediation Criteria			
				0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-7	03/01/07	T16518-6	NA	<0.00035	<0.00020	<0.00033	0.0053
MW-7	06/01/07	T17666-6	NA	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	09/07/07	T18804-6	NA	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	11/13/07	T19746-6	NA	<0.0005	<0.0005	<0.0005	<0.001
MW-7	02/27/08	T21042-6	NA	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	05/22/08	T22302-7	NA	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	08/20/08	T23537-6	NA	0.00086 J	<0.0005	0.00054 J	<0.001
MW-7*	11/19/08	180056	NA	NS	NS	NS	NS
MW-7	02/17/09	187743	NA	<0.00100	<0.00100	<0.00100	<0.00100
MW-7	05/19/09	9052214	<0.000469	<0.000149	<0.000188	<0.000178	<0.000163
MW-7	08/26/09	208340	NA	<0.000133	<0.000281	<0.000535	<0.000960
MW-7	11/17/09	215434	<0.000160	<0.000133	<0.000281	<0.000535	<0.000960
MW-7	02/09/10	222053	NA	<0.000208	<0.000208	0.0012	0.0014
MW-7	05/12/10	1005476-07	NA	0.0017	<0.00020	0.00079 J	0.0019 J
MW-7	08/26/10	1008908-06	NA	<0.00020	<0.00020	<0.00020	<0.00070
MW-7	11/18/10	1011751-06	NA	<0.00020	<0.00020	<0.00020	<0.00070
MW-7	02/24/11	1102759-06	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	05/31/11	1106003-07	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	08/29/11	1108973-06	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	11/28/11	1111900-06	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	02/22/12	1202868-06	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	05/23/12	12051129-07	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	09/11/12	1209470-06	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	11/26/12	1211905-06	NA	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	02/27/13	L622427-06	NA	<0.001	<0.005	<0.001	<0.003
MW-7	06/10/13	L641101-07	NA	<0.001	<0.005	<0.001	<0.003
MW-7	09/11/13	L657122-06	NA	<0.001	<0.005	<0.001	<0.003
MW-7	12/11/13	L673997-06	NA	<0.001	<0.005	<0.001	<0.003

NMOCD: New Mexico Oil Conservation District
Exceedences of NMOCD Remediation Criteria are shown in **bold**
NA: Not analyzed
J: Analyte detected below method detection limit (MDL) but above sample detection limit (SDL)
[a] Result is from Run #2
P: Dual Column results percent difference > 40%
* MW-7 was not sampled in 4th Quarter 2008, due to root growth in the well

TABLE 5
Groundwater Analytical Results for Detected
Polynuclear Aromatic Hydrocarbons (PAHs) From Wells with Concentrations Exceeding NMOCD Standards
Plains Marketing, L.P.
D.S. Hugh Site
Lea County, New Mexico

Well	Date	Acenaphthene	Acenaphthylene	Anthracene	Chrysene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
Units		**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**
Other Regulatory Limits (Tap Water)*		0.365	NA	1.83	0.0291	1.46	1.46	***	1.1	0.183
MW-1	5/22/2008	<0.0015	<0.0016	<0.0018	<0.0014	<0.0016	<0.0016	0.0107	<0.0016	<0.0011
MW-1	5/19/2009	<0.0013	<0.070	<0.0808	<0.0.02	<0.0880	<0.0880	0.00667	0.00153	<0.0458
MW-1	5/12/2010	0.0037	<0.070	<0.070	<0.070	<0.070	<0.070	0.047	0.0067	<0.070
MW-1	12/7/2011	0.0051	0.0007	0.00035	0.0012	<0.002	<0.002	0.028	0.01	<0.002
MW-1	5/22/2012	0.0063	0.00995	0.0062	0.0101	0.00254	0.0309	0.468	0.144	0.00198
MW-1	6/10/2013	0.00068	0.00026	0.00035	0.00011	0.00014	0.0011	0.018	0.0022	0.00028
MW-4	12/7/2011	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.0036	0.00022	<0.002
MW-4	5/23/2012	0.000169	<0.00009	<0.00009	<0.00009	<0.00009	0.00058	0.0458	0.000716	<0.00009
MW-4	6/10/2013	0.000035	<0.0000068	<0.0000076	<0.000011	<0.000016	0.00077	0.0011	0.000076	0.000028

< = Not Detected
Tap Water* = NMED Tap Water Soil screening levels for residential scenarios
*** = NM Water Quality Standard for PAHs is 0.030 mg/L for total naphthalenes plus monomethylnaphthalenes (total Methylnaphthalens)
** = NM Water Standard

Table 6
2012 Monthly PSH and Dissolved Phase Groundwater Recovery
Plains Marketing, L.P.
DS Hugh Site
Lea County, New Mexico

Month	PSH Recoverd (gallons)	Total Fluids Recovered (gallons)
January	7.00	114.00
February	5.00	115.00
March	6.00	154.00
April	3.00	77.00
May	3.00	117.00
June	7.00	152.00
July	4.00	76.00
August	9.00	141.00
September	8.00	107.00
October	8.00	142.00
November	6.00	84.00
December	4.00	56.00
Total Fluids Recovered in 2012	70	**1335**

Note: The above estimated gallons of total fluids (PSH and groundwater) include those pumped and manually bailed; these are estimates only.

2013 LABORATORY ANALYTICAL DATA

1st Quarter 2013 – Lab Report # L622427

2nd Quarter 2013 – Lab Report # L641101

3rd Quarter 2013 – Lab Report # L657122

4th Quarter 2013 – Lab Report # L673997

And

Appendix A - 2013 Chain of Custody Documentation

Plains All American Pipeline - Entech
21 Waterway Ave., Suite 300
The Woodlands,TX 77380

Billing information:
Accounts Payable
333 Clay St., Ste 1600
Houston,TX 77002

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

ESC LAB SCIENCES
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859
J162

Report to: **Kathleen Buxton**
Email: **kathleen.buxton@entechservi**

Project Description: DS Hugl
City/State Collected: NM

Phone: (979) 997-2338
FAX:
Client Project #:
Lab Project # **PLAINSENT-MIDLAND**

Collected by (print): SHANE DILLER
Site/Facility ID#: DS Hugl
P.O.#:

Collected by (signature):
Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day.....100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? __No X Yes
FAX? __No __Yes

Acctnum: **PLAINSENT** (lab use only)
Template/Prelogin: **T84641/ P420331**
Cooler #: 1-1-13 GK
Shipped Via: **FedEx Ground**

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Remarks/Contaminant	Sample # (lab only)
mw2	G	GW		2-27	1635	2	X	L022427	-01
mw3		GW			1630	2	X		-02
mw4		GW			1625	2	X		-03
mw5		GW			1620	2	X		-04
mw6	↓	GW		↓	1615	2	X		-05
mw7	G	GW		2-27	1610	2	X		-06
		GW				2	X		

*Matrix: **SS** - Soil **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

5547 0231 0726

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS X FedEx ☐ Courier ☐	Condition: (lab use only)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.8° Bottles Received: 12 + 1TB	COC Seal Intact: ___ Y ___ N ___ NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 2-28-13 Time: 0900	pH Checked: NCF:

12065 Lebanon Rd.
Mt. Juliet, TN 37122
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Tax I.D. 62-0814289

Est. 1970

Kathleen Buxton
EnTech Consulting Corporation
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

Report Summary

Monday March 04, 2013

Report Number: L622427
Samples Received: 02/28/13
Client Project:

Description: DS Hugh

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Mark W. Beasley , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1, TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.
Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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REPORT OF ANALYSIS

Kathleen Buxton
Plains All American Pipeline - Ente
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

March 04, 2013

ESC Sample # : L622427-01

Date Received : February 28, 2013
Description : DS Hugh

Site ID : DS HUGH

Sample ID : MW 2

Project # :

Collected By : Shane Diller
Collection Date : 02/27/13 16:35

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	03/01/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	03/01/13	1
Ethylbenzene	U	0.00038	0.00038	0.0010	mg/l		8260B	03/01/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	03/01/13	1
Surrogate Recovery									
Toluene-d8	94.9				% Rec.		8260B	03/01/13	1
Dibromofluoromethane	90.5				% Rec.		8260B	03/01/13	1
a,a,a-Trifluorotoluene	102.				% Rec.		8260B	03/01/13	1
4-Bromofluorobenzene	102.				% Rec.		8260B	03/01/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

.
Reported: 03/04/13 11:12 Printed: 03/04/13 13:37

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REPORT OF ANALYSIS

Kathleen Buxton
Plains All American Pipeline - Ente
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

March 04, 2013

ESC Sample # : L622427-02

Date Received : February 28, 2013
Description : DS Hugh

Site ID : DS HUGH

Sample ID : MW 3

Project # :

Collected By : Shane Diller
Collection Date : 02/27/13 16:30

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	03/01/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	03/01/13	1
Ethylbenzene	U	0.00038	0.00038	0.0010	mg/l		8260B	03/01/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	03/01/13	1
Surrogate Recovery									
Toluene-d8	96.2				% Rec.		8260B	03/01/13	1
Dibromofluoromethane	89.0				% Rec.		8260B	03/01/13	1
a,a,a-Trifluorotoluene	102.				% Rec.		8260B	03/01/13	1
4-Bromofluorobenzene	101.				% Rec.		8260B	03/01/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

.
Reported: 03/04/13 11:12 Printed: 03/04/13 13:37

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REPORT OF ANALYSIS

Kathleen Buxton
Plains All American Pipeline - Ente
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

March 04, 2013

ESC Sample # : L622427-03

Date Received : February 28, 2013
Description : DS Hugh

Site ID : DS HUGH

Sample ID : MW 4

Project # :

Collected By : Shane Diller
Collection Date : 02/27/13 16:25

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	0.0012	0.00033	0.00033	0.0010	mg/l		8260B	03/01/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	03/01/13	1
Ethylbenzene	0.052	0.00038	0.00038	0.0010	mg/l		8260B	03/01/13	1
Total Xylenes	0.069	0.0011	0.0011	0.0030	mg/l		8260B	03/01/13	1
Surrogate Recovery									
Toluene-d8	93.9				% Rec.		8260B	03/01/13	1
Dibromofluoromethane	86.9				% Rec.		8260B	03/01/13	1
a,a,a-Trifluorotoluene	98.7				% Rec.		8260B	03/01/13	1
4-Bromofluorobenzene	102.				% Rec.		8260B	03/01/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

.
Reported: 03/04/13 11:12 Printed: 03/04/13 13:37

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YOUR LAB OF CHOICE

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REPORT OF ANALYSIS

Kathleen Buxton
Plains All American Pipeline - Ente
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

March 04, 2013

ESC Sample # : L622427-04

Date Received : February 28, 2013
Description : DS Hugh

Site ID : DS HUGH

Sample ID : MW 5

Project # :

Collected By : Shane Diller
Collection Date : 02/27/13 16:20

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	03/01/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	03/01/13	1
Ethylbenzene	0.00060	0.00038	0.00038	0.0010	mg/l	J	8260B	03/01/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	03/01/13	1
Surrogate Recovery									
Toluene-d8	96.0				% Rec.		8260B	03/01/13	1
Dibromofluoromethane	89.6				% Rec.		8260B	03/01/13	1
a,a,a-Trifluorotoluene	102.				% Rec.		8260B	03/01/13	1
4-Bromofluorobenzene	104.				% Rec.		8260B	03/01/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

Kathleen Buxton
Plains All American Pipeline - Ente
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

March 04, 2013

ESC Sample # : L622427-05

Date Received : February 28, 2013
Description : DS Hugh

Site ID : DS HUGH

Sample ID : MW 6

Project # :

Collected By : Shane Diller
Collection Date : 02/27/13 16:15

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	03/01/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	03/01/13	1
Ethylbenzene	U	0.00038	0.00038	0.0010	mg/l		8260B	03/01/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	03/01/13	1
Surrogate Recovery									
Toluene-d8	95.4				% Rec.		8260B	03/01/13	1
Dibromofluoromethane	88.9				% Rec.		8260B	03/01/13	1
a,a,a-Trifluorotoluene	101.				% Rec.		8260B	03/01/13	1
4-Bromofluorobenzene	101.				% Rec.		8260B	03/01/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

Kathleen Buxton
Plains All American Pipeline - Ente
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

March 04, 2013

ESC Sample # : L622427-06

Date Received : February 28, 2013
Description : DS Hugh

Site ID : DS HUGH

Sample ID : MW 7

Project # :

Collected By : Shane Diller
Collection Date : 02/27/13 16:10

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	03/01/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	03/01/13	1
Ethylbenzene	U	0.00038	0.00038	0.0010	mg/l		8260B	03/01/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	03/01/13	1
Surrogate Recovery									
Toluene-d8	95.3				% Rec.		8260B	03/01/13	1
Dibromofluoromethane	89.8				% Rec.		8260B	03/01/13	1
a,a,a-Trifluorotoluene	99.9				% Rec.		8260B	03/01/13	1
4-Bromofluorobenzene	99.4				% Rec.		8260B	03/01/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

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Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L622427-04	WG638940	SAMP	Ethylbenzene	R2566577	J

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

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Kathleen Buxton
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Quality Assurance Report
Level II

L622427

March 04, 2013

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Benzene	< .001	mg/l			WG638940	03/01/13 03:14
Ethylbenzene	< .001	mg/l			WG638940	03/01/13 03:14
Toluene	< .005	mg/l			WG638940	03/01/13 03:14
Total Xylenes	< .003	mg/l			WG638940	03/01/13 03:14
4-Bromofluorobenzene		% Rec.	102.0	82-120	WG638940	03/01/13 03:14
Dibromofluoromethane		% Rec.	89.63	82-126	WG638940	03/01/13 03:14
Toluene-d8		% Rec.	95.28	92-112	WG638940	03/01/13 03:14
a,a,a-Trifluorotoluene		% Rec.	102.0	90-116	WG638940	03/01/13 03:14

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Benzene	mg/l	.025	0.0224	89.7	72-119	WG638940
Ethylbenzene	mg/l	.025	0.0265	106.	77-124	WG638940
Toluene	mg/l	.025	0.0241	96.2	75-114	WG638940
Total Xylenes	mg/l	.075	0.0792	106.	77-123	WG638940
4-Bromofluorobenzene				97.40	82-120	WG638940
Dibromofluoromethane				89.90	82-126	WG638940
Toluene-d8				95.52	92-112	WG638940
a,a,a-Trifluorotoluene				101.5	90-116	WG638940

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
Benzene	mg/l	0.0220	0.0224	88.0	72-119	1.84	20	WG638940
Ethylbenzene	mg/l	0.0261	0.0265	104.	77-124	1.65	20	WG638940
Toluene	mg/l	0.0236	0.0241	94.0	75-114	1.71	20	WG638940
Total Xylenes	mg/l	0.0785	0.0792	105.	77-123	0.940	20	WG638940
4-Bromofluorobenzene				100.8	82-120			WG638940
Dibromofluoromethane				90.33	82-126			WG638940
Toluene-d8				95.94	92-112			WG638940
a,a,a-Trifluorotoluene				100.9	90-116			WG638940

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Benzene	mg/l	0.0216	0	.025	86.3	51-134	L622427-01	WG638940
Ethylbenzene	mg/l	0.0254	0	.025	102.	64-135	L622427-01	WG638940
Toluene	mg/l	0.0233	0	.025	93.1	61-126	L622427-01	WG638940
Total Xylenes	mg/l	0.0765	0	.075	102.	64-133	L622427-01	WG638940
4-Bromofluorobenzene					95.93	82-120		WG638940
Dibromofluoromethane					91.60	82-126		WG638940
Toluene-d8					96.79	92-112		WG638940
a,a,a-Trifluorotoluene					102.6	90-116		WG638940

Matrix Spike Duplicate

Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Benzene	mg/l	0.0217	0.0216	86.8	51-134	0.610	20	L622427-01	WG638940
Ethylbenzene	mg/l	0.0259	0.0254	103.	64-135	1.81	20	L622427-01	WG638940
Toluene	mg/l	0.0230	0.0233	91.9	61-126	1.30	20	L622427-01	WG638940
Total Xylenes	mg/l	0.0773	0.0765	103.	64-133	1.09	20	L622427-01	WG638940
4-Bromofluorobenzene				100.7	82-120				WG638940
Dibromofluoromethane				92.11	82-126				WG638940
Toluene-d8				95.14	92-112				WG638940
a,a,a-Trifluorotoluene				102.0	90-116				WG638940

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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EnTech Consulting Corporation
Kathleen Buxton
21 Waterway Ave., Suite 300

The Woodlands, TX 77380

Quality Assurance Report
Level II

L622427

March 04, 2013

Batch number /Run number / Sample number cross reference

WG638940: R2566577: L622427-01 02 03 04 05 06

* * Calculations are performed prior to rounding of reported values.
* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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Quality Assurance Report
Level II

L622427

March 04, 2013

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

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EnTech Consulting Corporation
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Report Summary

Wednesday June 19, 2013

Report Number: L641101
Samples Received: 06/13/13
Client Project: PAA12003

Description: DS Hugh

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Mark W. Beasley , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1, TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.
Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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REPORT OF ANALYSIS

Kathleen Buxton
Plains All American Pipeline - Ente
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

June 19, 2013

ESC Sample # : L641101-01

Site ID : SRS - 2000-10807

Project # : PAA12003

Date Received : June 13, 2013
Description : DS Hugh

Sample ID : MW-1

Collected By : Kathleen Buxton
Collection Date : 06/10/13 15:00

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	0.028	0.00033	0.0033	0.010	mg/l		8260B	06/15/13	10
Toluene	0.10	0.00078	0.0078	0.050	mg/l		8260B	06/15/13	10
Ethylbenzene	0.066	0.00038	0.0038	0.010	mg/l		8260B	06/15/13	10
Total Xylenes	0.16	0.0011	0.011	0.030	mg/l		8260B	06/15/13	10
Surrogate Recovery									
Toluene-d8	104.				% Rec.		8260B	06/15/13	10
Dibromofluoromethane	108.				% Rec.		8260B	06/15/13	10
a,a,a-Trifluorotoluene	118.				% Rec.	J1	8260B	06/15/13	10
4-Bromofluorobenzene	103.				% Rec.		8260B	06/15/13	10
Polynuclear Aromatic Hydrocarbons									
Anthracene	0.00035	0.0000076	0.0000076	0.000050	mg/l		8270C-S	06/18/13	1
Acenaphthene	0.00068	0.0000082	0.0000082	0.000050	mg/l		8270C-S	06/18/13	1
Acenaphthylene	0.00026	0.0000068	0.0000068	0.000050	mg/l		8270C-S	06/18/13	1
Benzo(a)anthracene	0.000039	0.000012	0.000012	0.000050	mg/l	J	8270C-S	06/18/13	1
Benzo(a)pyrene	0.000012	0.000012	0.000012	0.000050	mg/l	J	8270C-S	06/18/13	1
Benzo(b)fluoranthene	0.000024	0.000014	0.000014	0.000050	mg/l	J	8270C-S	06/18/13	1
Benzo(g,h,i)perylene	0.000022	0.000011	0.000011	0.000050	mg/l	J	8270C-S	06/18/13	1
Benzo(k)fluoranthene	0.000018	0.000014	0.000014	0.000050	mg/l	J	8270C-S	06/18/13	1
Chrysene	0.00011	0.000011	0.000011	0.000050	mg/l		8270C-S	06/18/13	1
Dibenz(a,h)anthracene	U	0.0000040	0.0000040	0.000050	mg/l		8270C-S	06/18/13	1
Dibenzofuran	0.0016	0.0000011	0.0000010	0.000050	mg/l		8270C-S	06/18/13	1
Fluoranthene	0.00014	0.000016	0.000016	0.000050	mg/l		8270C-S	06/18/13	1
Fluorene	0.0011	0.0000085	0.0000085	0.000050	mg/l		8270C-S	06/18/13	1
Indeno(1,2,3-cd)pyrene	U	0.000015	0.000015	0.000050	mg/l		8270C-S	06/18/13	1
Naphthalene	0.018	0.000020	0.000020	0.00025	mg/l		8270C-S	06/18/13	1
Phenanthrene	0.0022	0.0000082	0.0000082	0.000050	mg/l		8270C-S	06/18/13	1
Pyrene	0.00028	0.000012	0.000012	0.000050	mg/l		8270C-S	06/18/13	1
1-Methylnaphthalene	0.021	0.0000082	0.0000082	0.00025	mg/l		8270C-S	06/18/13	1
2-Methylnaphthalene	0.022	0.0000090	0.0000090	0.00025	mg/l		8270C-S	06/18/13	1
2-Chloronaphthalene	U	0.0000065	0.0000065	0.00025	mg/l		8270C-S	06/18/13	1
Surrogate Recovery									
Nitrobenzene-d5	112.				% Rec.		8270C-S	06/18/13	1
2-Fluorobiphenyl	109.				% Rec.		8270C-S	06/18/13	1
p-Terphenyl-d14	108.				% Rec.		8270C-S	06/18/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

Kathleen Buxton
Plains All American Pipeline - Ente
21 Waterway Ave., Suite 300
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June 19, 2013

ESC Sample # : L641101-02

Date Received : June 13, 2013
Description : DS Hugh

Site ID : SRS - 2000-10807

Sample ID : MW-2

Project # : PAA12003

Collected By : Kathleen Buxton
Collection Date : 06/10/13 17:00

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	06/15/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	06/15/13	1
Ethylbenzene	U	0.00038	0.00038	0.0010	mg/l		8260B	06/15/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	06/15/13	1
Surrogate Recovery									
Toluene-d8	100.				% Rec.		8260B	06/15/13	1
Dibromofluoromethane	108.				% Rec.		8260B	06/15/13	1
a,a,a-Trifluorotoluene	109.				% Rec.		8260B	06/15/13	1
4-Bromofluorobenzene	107.				% Rec.		8260B	06/15/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

Kathleen Buxton
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June 19, 2013

ESC Sample # : L641101-03

Date Received : June 13, 2013
Description : DS Hugh

Site ID : SRS - 2000-10807

Sample ID : MW-3

Project # : PAA12003

Collected By : Kathleen Buxton
Collection Date : 06/10/13 17:30

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	06/15/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	06/15/13	1
Ethylbenzene	U	0.00038	0.00038	0.0010	mg/l		8260B	06/15/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	06/15/13	1
Surrogate Recovery									
Toluene-d8	98.7				% Rec.		8260B	06/15/13	1
Dibromofluoromethane	107.				% Rec.		8260B	06/15/13	1
a,a,a-Trifluorotoluene	108.				% Rec.		8260B	06/15/13	1
4-Bromofluorobenzene	105.				% Rec.		8260B	06/15/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

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Reported: 06/19/13 09:32 Printed: 06/19/13 09:32

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21 Waterway Ave., Suite 300
The Woodlands, TX 77380

June 19, 2013

ESC Sample # : L641101-04

Site ID : SRS - 2000-10807

Project # : PAA12003

Date Received : June 13, 2013
Description : DS Hugh

Sample ID : MW-4

Collected By : Kathleen Buxton
Collection Date : 06/10/13 18:05

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	0.00042	0.00033	0.00033	0.0010	mg/l	J	8260B	06/15/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	06/15/13	1
Ethylbenzene	0.0052	0.00038	0.00038	0.0010	mg/l		8260B	06/15/13	1
Total Xylenes	0.0064	0.0011	0.0011	0.0030	mg/l		8260B	06/15/13	1
Surrogate Recovery									
Toluene-d8	102.				% Rec.		8260B	06/15/13	1
Dibromofluoromethane	106.				% Rec.		8260B	06/15/13	1
a,a,a-Trifluorotoluene	112.				% Rec.		8260B	06/15/13	1
4-Bromofluorobenzene	101.				% Rec.		8260B	06/15/13	1
Polynuclear Aromatic Hydrocarbons									
Anthracene	U	0.0000076	0.0000076	0.000050	mg/l		8270C-S	06/18/13	1
Acenaphthene	0.000035	0.0000082	0.0000082	0.000050	mg/l	J	8270C-S	06/18/13	1
Acenaphthylene	U	0.0000068	0.0000068	0.000050	mg/l		8270C-S	06/18/13	1
Benzo(a)anthracene	U	0.000012	0.000012	0.000050	mg/l		8270C-S	06/18/13	1
Benzo(a)pyrene	U	0.000012	0.000012	0.000050	mg/l		8270C-S	06/18/13	1
Benzo(b)fluoranthene	U	0.000014	0.000014	0.000050	mg/l		8270C-S	06/18/13	1
Benzo(g,h,i)perylene	U	0.000011	0.000011	0.000050	mg/l		8270C-S	06/18/13	1
Benzo(k)fluoranthene	U	0.000014	0.000014	0.000050	mg/l		8270C-S	06/18/13	1
Chrysene	U	0.000011	0.000011	0.000050	mg/l		8270C-S	06/18/13	1
Dibenz(a,h)anthracene	U	0.0000040	0.0000040	0.000050	mg/l		8270C-S	06/18/13	1
Dibenzofuran	0.00018	0.0000011	0.0000010	0.000050	mg/l		8270C-S	06/18/13	1
Fluoranthene	U	0.000016	0.000016	0.000050	mg/l		8270C-S	06/18/13	1
Fluorene	0.000077	0.0000085	0.0000085	0.000050	mg/l		8270C-S	06/18/13	1
Indeno(1,2,3-cd)pyrene	U	0.000015	0.000015	0.000050	mg/l		8270C-S	06/18/13	1
Naphthalene	0.0011	0.000020	0.000020	0.00025	mg/l		8270C-S	06/18/13	1
Phenanthrene	0.000076	0.0000082	0.0000082	0.000050	mg/l		8270C-S	06/18/13	1
Pyrene	0.000028	0.000012	0.000012	0.000050	mg/l	J	8270C-S	06/18/13	1
1-Methylnaphthalene	0.00050	0.0000082	0.0000082	0.00025	mg/l		8270C-S	06/18/13	1
2-Methylnaphthalene	0.00053	0.0000090	0.0000090	0.00025	mg/l		8270C-S	06/18/13	1
2-Chloronaphthalene	U	0.0000065	0.0000065	0.00025	mg/l		8270C-S	06/18/13	1
Surrogate Recovery									
Nitrobenzene-d5	111.				% Rec.		8270C-S	06/18/13	1
2-Fluorobiphenyl	103.				% Rec.		8270C-S	06/18/13	1
p-Terphenyl-d14	115.				% Rec.		8270C-S	06/18/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

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Est. 1970

REPORT OF ANALYSIS

Kathleen Buxton
Plains All American Pipeline - Ente
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

June 19, 2013

ESC Sample # : L641101-05

Date Received : June 13, 2013
Description : DS Hugh

Site ID : SRS - 2000-10807

Sample ID : MW-5

Project # : PAA12003

Collected By : Kathleen Buxton
Collection Date : 06/10/13 16:45

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	06/15/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	06/15/13	1
Ethylbenzene	U	0.00038	0.00038	0.0010	mg/l		8260B	06/15/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	06/15/13	1
Surrogate Recovery									
Toluene-d8	96.6				% Rec.		8260B	06/15/13	1
Dibromofluoromethane	91.8				% Rec.		8260B	06/15/13	1
a,a,a-Trifluorotoluene	110.				% Rec.		8260B	06/15/13	1
4-Bromofluorobenzene	104.				% Rec.		8260B	06/15/13	1

U = ND (Not Detected) = Less than SDL
Note:
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REPORT OF ANALYSIS

Kathleen Buxton
Plains All American Pipeline - Ente
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

June 19, 2013

ESC Sample # : L641101-06

Date Received : June 13, 2013
Description : DS Hugh

Site ID : SRS - 2000-10807

Sample ID : MW-6

Project # : PAA12003

Collected By : Kathleen Buxton
Collection Date : 06/10/13 16:30

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	06/15/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	06/15/13	1
Ethylbenzene	U	0.00038	0.00038	0.0010	mg/l		8260B	06/15/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	06/15/13	1
Surrogate Recovery									
Toluene-d8	97.3				% Rec.		8260B	06/15/13	1
Dibromofluoromethane	92.9				% Rec.		8260B	06/15/13	1
a,a,a-Trifluorotoluene	110.				% Rec.		8260B	06/15/13	1
4-Bromofluorobenzene	104.				% Rec.		8260B	06/15/13	1

U = ND (Not Detected) = Less than SDL
Note:
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REPORT OF ANALYSIS

Kathleen Buxton
Plains All American Pipeline - Ente
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

June 19, 2013

ESC Sample # : L641101-07

Date Received : June 13, 2013
Description : DS Hugh

Site ID : SRS - 2000-10807

Sample ID : MW-7

Project # : PAA12003

Collected By : Kathleen Buxton
Collection Date : 06/10/13 16:15

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	06/15/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	06/15/13	1
Ethylbenzene	U	0.00038	0.00038	0.0010	mg/l		8260B	06/15/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	06/15/13	1
Surrogate Recovery									
Toluene-d8	97.7				% Rec.		8260B	06/15/13	1
Dibromofluoromethane	88.7				% Rec.		8260B	06/15/13	1
a,a,a-Trifluorotoluene	108.				% Rec.		8260B	06/15/13	1
4-Bromofluorobenzene	104.				% Rec.		8260B	06/15/13	1

U = ND (Not Detected) = Less than SDL
Note:
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REPORT OF ANALYSIS

Kathleen Buxton
Plains All American Pipeline - Ente
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

June 19, 2013

ESC Sample # : L641101-08

Date Received : June 13, 2013
Description : DS Hugh

Site ID : SRS - 2000-10807

Sample ID : DUP-01

Project # : PAA12003

Collected By : Kathleen Buxton
Collection Date : 06/10/13 12:00

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	0.023	0.00033	0.00033	0.0010	mg/l		8260B	06/15/13	1
Toluene	0.084	0.00078	0.00078	0.0050	mg/l		8260B	06/15/13	1
Ethylbenzene	0.067	0.00038	0.00038	0.0010	mg/l		8260B	06/15/13	1
Total Xylenes	0.17	0.0011	0.0011	0.0030	mg/l		8260B	06/15/13	1
Surrogate Recovery									
Toluene-d8	96.9				% Rec.		8260B	06/15/13	1
Dibromofluoromethane	87.6				% Rec.		8260B	06/15/13	1
a,a,a-Trifluorotoluene	109.				% Rec.		8260B	06/15/13	1
4-Bromofluorobenzene	107.				% Rec.		8260B	06/15/13	1
Polynuclear Aromatic Hydrocarbons									
Anthracene	0.000028	0.0000076	0.0000076	0.000050	mg/l	J	8270C-S	06/18/13	1
Acenaphthene	0.00023	0.0000082	0.0000082	0.000050	mg/l		8270C-S	06/18/13	1
Acenaphthylene	0.000088	0.0000068	0.0000068	0.000050	mg/l		8270C-S	06/18/13	1
Benzo(a)anthracene	U	0.000012	0.000012	0.000050	mg/l		8270C-S	06/18/13	1
Benzo(a)pyrene	U	0.000012	0.000012	0.000050	mg/l		8270C-S	06/18/13	1
Benzo(b)fluoranthene	U	0.000014	0.000014	0.000050	mg/l		8270C-S	06/18/13	1
Benzo(g,h,i)perylene	U	0.000011	0.000011	0.000050	mg/l		8270C-S	06/18/13	1
Benzo(k)fluoranthene	U	0.000014	0.000014	0.000050	mg/l		8270C-S	06/18/13	1
Chrysene	0.000017	0.000011	0.000011	0.000050	mg/l	J	8270C-S	06/18/13	1
Dibenz(a,h)anthracene	U	0.0000040	0.0000040	0.000050	mg/l		8270C-S	06/18/13	1
Dibenzofuran	0.00070	0.0000011	0.0000010	0.000050	mg/l		8270C-S	06/18/13	1
Fluoranthene	0.000022	0.000016	0.000016	0.000050	mg/l	J	8270C-S	06/18/13	1
Fluorene	0.00041	0.0000085	0.0000085	0.000050	mg/l		8270C-S	06/18/13	1
Indeno(1,2,3-cd)pyrene	U	0.000015	0.000015	0.000050	mg/l		8270C-S	06/18/13	1
Naphthalene	0.010	0.000020	0.000020	0.00025	mg/l		8270C-S	06/18/13	1
Phenanthrene	0.00071	0.0000082	0.0000082	0.000050	mg/l		8270C-S	06/18/13	1
Pyrene	0.000075	0.000012	0.000012	0.000050	mg/l		8270C-S	06/18/13	1
1-Methylnaphthalene	0.0096	0.0000082	0.0000082	0.00025	mg/l		8270C-S	06/18/13	1
2-Methylnaphthalene	0.010	0.0000090	0.0000090	0.00025	mg/l		8270C-S	06/18/13	1
2-Chloronaphthalene	0.0000080	0.0000065	0.0000065	0.00025	mg/l	J	8270C-S	06/18/13	1
Surrogate Recovery									
Nitrobenzene-d5	101.				% Rec.		8270C-S	06/18/13	1
2-Fluorobiphenyl	95.9				% Rec.		8270C-S	06/18/13	1
p-Terphenyl-d14	106.				% Rec.		8270C-S	06/18/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

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Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L641101-01	WG666521	SAMP	Benzo(a)anthracene	R2712681	J
	WG666521	SAMP	Benzo(a)pyrene	R2712681	J
	WG666521	SAMP	Benzo(b)fluoranthene	R2712681	J
	WG666521	SAMP	Benzo(g,h,i)perylene	R2712681	J
	WG666521	SAMP	Benzo(k)fluoranthene	R2712681	J
	WG666693	SAMP	a,a,a-Trifluorotoluene	R2709384	J1
L641101-04	WG666521	SAMP	Acenaphthene	R2712681	J
	WG666521	SAMP	Pyrene	R2712681	J
	WG666693	SAMP	Benzene	R2709384	J
L641101-08	WG666521	SAMP	Anthracene	R2712681	J
	WG666521	SAMP	Chrysene	R2712681	J
	WG666521	SAMP	Fluoranthene	R2712681	J
	WG666521	SAMP	2-Chloronaphthalene	R2712681	J

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC.
Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
06/19/13 at 09:33:01

TSR Signing Reports: 134
R5 - Desired TAT

Do not log for TS or QCTX, always log BTEXM by 8260

Sample: L641101-01 Account: PLAINSENT Received: 06/13/13 09:30 Due Date: 06/20/13 00:00 RPT Date: 06/19/13 09:32

Sample: L641101-02 Account: PLAINSENT Received: 06/13/13 09:30 Due Date: 06/20/13 00:00 RPT Date: 06/19/13 09:32

Sample: L641101-03 Account: PLAINSENT Received: 06/13/13 09:30 Due Date: 06/20/13 00:00 RPT Date: 06/19/13 09:32

Sample: L641101-04 Account: PLAINSENT Received: 06/13/13 09:30 Due Date: 06/20/13 00:00 RPT Date: 06/19/13 09:32

Sample: L641101-05 Account: PLAINSENT Received: 06/13/13 09:30 Due Date: 06/20/13 00:00 RPT Date: 06/19/13 09:32

Sample: L641101-06 Account: PLAINSENT Received: 06/13/13 09:30 Due Date: 06/20/13 00:00 RPT Date: 06/19/13 09:32

Sample: L641101-07 Account: PLAINSENT Received: 06/13/13 09:30 Due Date: 06/20/13 00:00 RPT Date: 06/19/13 09:32

Sample: L641101-08 Account: PLAINSENT Received: 06/13/13 09:30 Due Date: 06/20/13 00:00 RPT Date: 06/19/13 09:32

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Est. 1970

EnTech Consulting Corporation
Kathleen Buxton
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

Quality Assurance Report
Level II

L641101

June 19, 2013

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Benzene	< .001	mg/l			WG666693	06/15/13 00:44
Ethylbenzene	< .001	mg/l			WG666693	06/15/13 00:44
Toluene	< .005	mg/l			WG666693	06/15/13 00:44
Total Xylenes	< .003	mg/l			WG666693	06/15/13 00:44
4-Bromofluorobenzene		% Rec.	101.8	82-120	WG666693	06/15/13 00:44
Dibromofluoromethane		% Rec.	105.1	82-126	WG666693	06/15/13 00:44
Toluene-d8		% Rec.	102.8	92-112	WG666693	06/15/13 00:44
a,a,a-Trifluorotoluene		% Rec.	112.2	90-116	WG666693	06/15/13 00:44
Benzene	< .001	mg/l			WG666508	06/14/13 23:27
Ethylbenzene	< .001	mg/l			WG666508	06/14/13 23:27
Toluene	< .005	mg/l			WG666508	06/14/13 23:27
Total Xylenes	< .003	mg/l			WG666508	06/14/13 23:27
4-Bromofluorobenzene		% Rec.	103.2	82-120	WG666508	06/14/13 23:27
Dibromofluoromethane		% Rec.	90.99	82-126	WG666508	06/14/13 23:27
Toluene-d8		% Rec.	94.88	92-112	WG666508	06/14/13 23:27
a,a,a-Trifluorotoluene		% Rec.	111.7	90-116	WG666508	06/14/13 23:27

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Benzene	mg/l	.025	0.0246	98.2	72-119	WG666693
Ethylbenzene	mg/l	.025	0.0260	104.	77-124	WG666693
Toluene	mg/l	.025	0.0251	100.	75-114	WG666693
Total Xylenes	mg/l	.075	0.0795	106.	77-123	WG666693
4-Bromofluorobenzene				98.07	82-120	WG666693
Dibromofluoromethane				98.60	82-126	WG666693
Toluene-d8				102.6	92-112	WG666693
a,a,a-Trifluorotoluene				109.7	90-116	WG666693
Benzene	mg/l	.025	0.0230	92.0	72-119	WG666508
Ethylbenzene	mg/l	.025	0.0298	119.	77-124	WG666508
Toluene	mg/l	.025	0.0249	99.4	75-114	WG666508
Total Xylenes	mg/l	.075	0.0895	119.	77-123	WG666508
4-Bromofluorobenzene				104.7	82-120	WG666508
Dibromofluoromethane				89.28	82-126	WG666508
Toluene-d8				96.75	92-112	WG666508
a,a,a-Trifluorotoluene				106.6	90-116	WG666508

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
Benzene	mg/l	0.0246	0.0246	98.0	72-119	0.330	20	WG666693
Ethylbenzene	mg/l	0.0252	0.0260	101.	77-124	3.06	20	WG666693
Toluene	mg/l	0.0250	0.0251	100.	75-114	0.250	20	WG666693
Total Xylenes	mg/l	0.0776	0.0795	104.	77-123	2.33	20	WG666693
4-Bromofluorobenzene				95.20	82-120			WG666693
Dibromofluoromethane				102.6	82-126			WG666693
Toluene-d8				103.8	92-112			WG666693
a,a,a-Trifluorotoluene				115.7	90-116			WG666693
Benzene	mg/l	0.0234	0.0230	94.0	72-119	1.86	20	WG666508
Ethylbenzene	mg/l	0.0301	0.0298	120.	77-124	0.970	20	WG666508
Toluene	mg/l	0.0259	0.0249	104.	75-114	4.07	20	WG666508
Total Xylenes	mg/l	0.0879	0.0895	117.	77-123	1.83	20	WG666508
4-Bromofluorobenzene				104.9	82-120			WG666508

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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EnTech Consulting Corporation
Kathleen Buxton
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The Woodlands, TX 77380

Quality Assurance Report
Level II

L641101

June 19, 2013

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Dibromofluoromethane				91.49		82-126		
Toluene-d8				102.2		92-112		
a,a,a-Trifluorotoluene				111.2		90-116		

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Benzene	mg/l	0.0229	0	.025	91.8	51-134	L641095-01	WG666693
Ethylbenzene	mg/l	0.0237	0	.025	94.8	64-135	L641095-01	WG666693
Toluene	mg/l	0.0240	0	.025	96.2	61-126	L641095-01	WG666693
Total Xylenes	mg/l	0.0717	0	.075	95.6	64-133	L641095-01	WG666693
4-Bromofluorobenzene					96.26	82-120		WG666693
Dibromofluoromethane					105.5	82-126		WG666693
Toluene-d8					104.9	92-112		WG666693
a,a,a-Trifluorotoluene					115.3	90-116		WG666693
Benzene	mg/l	0.0404	0.0219	.025	74.1	51-134	L641061-01	WG666508
Ethylbenzene	mg/l	0.0341	0.0115	.025	90.4	64-135	L641061-01	WG666508
Toluene	mg/l	0.0210	0.000509	.025	81.8	61-126	L641061-01	WG666508
Total Xylenes	mg/l	0.0728	0.00196	.075	94.4	64-133	L641061-01	WG666508
4-Bromofluorobenzene					99.25	82-120		WG666508
Dibromofluoromethane					92.26	82-126		WG666508
Toluene-d8					95.50	92-112		WG666508
a,a,a-Trifluorotoluene					107.4	90-116		WG666508
1-Methylnaphthalene	mg/l	0.00239	0	.002	119.	49.1-143	L640861-02	WG666521
2-Chloronaphthalene	mg/l	0.00195	0	.002	97.3	58-139	L640861-02	WG666521
2-Methylnaphthalene	mg/l	0.00239	0	.002	120.	67.3-128	L640861-02	WG666521
Acenaphthene	mg/l	0.00221	0	.002	111.	44.6-147	L640861-02	WG666521
Acenaphthylene	mg/l	0.00223	0	.002	112.	64-140	L640861-02	WG666521
Anthracene	mg/l	0.00222	0	.002	111.	74.2-143	L640861-02	WG666521
Benzo(a)anthracene	mg/l	0.00207	0	.002	104.	81.9-133	L640861-02	WG666521
Benzo(a)pyrene	mg/l	0.00184	0	.002	91.9	51.8-141	L640861-02	WG666521
Benzo(b)fluoranthene	mg/l	0.00189	0	.002	94.6	45.6-145	L640861-02	WG666521
Benzo(g,h,i)perylene	mg/l	0.00147	0	.002	73.6	32.6-139	L640861-02	WG666521
Benzo(k)fluoranthene	mg/l	0.00192	0	.002	96.1	36-144	L640861-02	WG666521
Chrysene	mg/l	0.00203	0	.002	102.	57.4-130	L640861-02	WG666521
Dibenz(a,h)anthracene	mg/l	0.00127	0	.002	63.4	29.5-143	L640861-02	WG666521
Dibenzofuran	mg/l	0.00220	0	.002	110.	70-130	L640861-02	WG666521
Fluoranthene	mg/l	0.00223	0	.002	112.	80.4-133	L640861-02	WG666521
Fluorene	mg/l	0.00223	0	.002	111.	20.2-167	L640861-02	WG666521
Indeno(1,2,3-cd)pyrene	mg/l	0.00143	0	.002	71.4	32.1-145	L640861-02	WG666521
Naphthalene	mg/l	0.00201	0	.002	100.	71.8-129	L640861-02	WG666521
Phenanthrene	mg/l	0.00219	0	.002	110.	62.5-135	L640861-02	WG666521
Pyrene	mg/l	0.00228	0	.002	114.	71.8-132	L640861-02	WG666521
2-Fluorobiphenyl					101.0	64.4-143		WG666521
Nitrobenzene-d5					117.0	61.3-162		WG666521
p-Terphenyl-d14					93.70	55.3-145		WG666521

Analyte	Units	Matrix Spike Duplicate MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Benzene	mg/l	0.0244	0.0229	97.5	51-134	6.06	20	L641095-01	WG666693
Ethylbenzene	mg/l	0.0253	0.0237	101.	64-135	6.44	20	L641095-01	WG666693
Toluene	mg/l	0.0268	0.0240	107.	61-126	10.9	20	L641095-01	WG666693
Total Xylenes	mg/l	0.0773	0.0717	103.	64-133	7.58	20	L641095-01	WG666693
4-Bromofluorobenzene				96.14	82-120				WG666693

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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Kathleen Buxton
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

Quality Assurance Report
Level II

L641101

June 19, 2013

Analyte	Units	Matrix Spike MSD	Ref	Duplicate %Rec	Limit	RPD	Limit	Ref Samp	Batch
Dibromofluoromethane				104.3	82-126				
Toluene-d8				104.5	92-112				
a,a,a-Trifluorotoluene				114.8	90-116				
Benzene	mg/l	0.0387	0.0404	67.3	51-134	4.31	20	L641061-01	WG666508
Ethylbenzene	mg/l	0.0360	0.0341	98.1	64-135	5.43	20	L641061-01	WG666508
Toluene	mg/l	0.0220	0.0210	85.8	61-126	4.62	20	L641061-01	WG666508
Total Xylenes	mg/l	0.0795	0.0728	103.	64-133	8.89	20	L641061-01	WG666508
4-Bromofluorobenzene				102.3	82-120				WG666508
Dibromofluoromethane				90.35	82-126				WG666508
Toluene-d8				96.39	92-112				WG666508
a,a,a-Trifluorotoluene				110.0	90-116				WG666508
1-Methylnaphthalene	mg/l	0.00218	0.00239	109.	49.1-143	9.22	20	L640861-02	WG666521
2-Chloronaphthalene	mg/l	0.00178	0.00195	89.2	58-139	8.74	20	L640861-02	WG666521
2-Methylnaphthalene	mg/l	0.00217	0.00239	108.	67.3-128	9.74	20	L640861-02	WG666521
Acenaphthene	mg/l	0.00200	0.00221	100.	44.6-147	10.1	20	L640861-02	WG666521
Acenaphthylene	mg/l	0.00203	0.00223	102.	64-140	9.45	20	L640861-02	WG666521
Anthracene	mg/l	0.00204	0.00222	102.	74.2-143	8.43	20	L640861-02	WG666521
Benzo(a)anthracene	mg/l	0.00198	0.00207	99.1	81.9-133	4.39	20	L640861-02	WG666521
Benzo(a)pyrene	mg/l	0.00204	0.00184	102.	51.8-141	10.5	20	L640861-02	WG666521
Benzo(b)fluoranthene	mg/l	0.00202	0.00189	101.	45.6-145	6.62	23.6	L640861-02	WG666521
Benzo(g,h,i)perylene	mg/l	0.00199	0.00147	99.4	32.6-139	29.8*	24.3	L640861-02	WG666521
Benzo(k)fluoranthene	mg/l	0.00218	0.00192	109.	36-144	12.5	20	L640861-02	WG666521
Chrysene	mg/l	0.00196	0.00203	98.0	57.4-130	3.65	20	L640861-02	WG666521
Dibenz(a,h)anthracene	mg/l	0.00185	0.00127	92.5	29.5-143	37.4*	27.6	L640861-02	WG666521
Dibenzofuran	mg/l	0.00200	0.00220	100.	70-130	9.30	20	L640861-02	WG666521
Fluoranthene	mg/l	0.00204	0.00223	102.	80.4-133	9.06	20	L640861-02	WG666521
Fluorene	mg/l	0.00201	0.00223	100.	20.2-167	10.3	20	L640861-02	WG666521
Indeno(1,2,3-cd)pyrene	mg/l	0.00188	0.00143	94.2	32.1-145	27.6*	26.4	L640861-02	WG666521
Naphthalene	mg/l	0.00183	0.00201	91.3	71.8-129	9.58	20	L640861-02	WG666521
Phenanthrene	mg/l	0.00199	0.00219	99.3	62.5-135	9.90	20	L640861-02	WG666521
Pyrene	mg/l	0.00206	0.00228	103.	71.8-132	10.5	20	L640861-02	WG666521
2-Fluorobiphenyl				93.40	64.4-143				WG666521
Nitrobenzene-d5				107.0	61.3-162				WG666521
p-Terphenyl-d14				98.70	55.3-145				WG666521

Batch number /Run number / Sample number cross reference

WG666693: R2709384: L641101-01 02 03 04
WG666508: R2709424: L641101-05 06 07 08
WG666521: R2712681: L641101-01 04 08

* * Calculations are performed prior to rounding of reported values.
* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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Kathleen Buxton
21 Waterway Ave., Suite 300

The Woodlands, TX 77380

Quality Assurance Report
Level II

L641101

June 19, 2013

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Plains All American Pipeline - Entech
21 Waterwav Ave.. Suite 300
The Woodlands,TX 77380

Billing information:
Accounts Payable
333 Clay St., Ste 1600
Houston,TX 77002

Report to: **Kathleen Buxton**
Email: **kathleen.buxton@entechservi**

Project Description: **DS Hugh**
City/State Collected: New Mexico

Phone: **(979) 997-2338**
FAX:
Client Project #: **PAA12003**
Lab Project #: **PLAINSENT-DSHUGH**

Collected by (print): Kathleen Buxton
Site/Facility ID#: **SRS - 2000-10807**
P.O.#:

Collected by (signature): Kat Buxton
Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day.....100%
___ Two Day.....50%
___ Three Day.....25%

Date Results Needed
Email? __No X_Yes
FAX? __No __Yes

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	V8260BTEX 40mlAmb-HCl
MW-1		GW		6/10/13	1500	4	X	X
MW-2		GW		6/10/13	1700	2		X
MW-3		GW		6/10/13	1730	2		X
MW-4		GW		6/10/13	1805	4	X	X
MW-5		GW		6/10/13	1645	2		X
MW-6		GW		6/10/13	1630	2		X
MW-7		GW		6/10/13	1615	2		X
Dup-01		GW		6/10/13	1200	4	X	X
		GW				1	X	

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

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Phone: (615) 758-5858
C114

Acctnum: **PLAINSENT** (lab use only)
Template/Prelogin: **T86710/P429794**
Cooler #: 5.13 1.1.7
Shipped Via: **FedEx Ground**

Remarks/Contaminant	Sample # (lab only)
	L641101-01
	-02
	-03
	-04
	-05
	-06
	-07
	-08

*Matrix: **SS** - Soil **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

pH _____ Temp _____

Remarks:

Flow _____ Other _____

5547 0242 5478

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Kat Buxton	6/12/13		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☒ FedEx ☐ UPS ☐ Courier ☐ ____
Temp: 3.8°
Bottles Received: 22+TB
Condition: (ow) (lab use only) N
COC Seal Intact: 1 Y ___ N ___ NA
Date: 6/13/13 Time: 0930
pH Checked: NCF:

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Kathleen Buxton
EnTech Consulting Corporation
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

Report Summary

Tuesday September 17, 2013

Report Number: L657122
Samples Received: 09/12/13
Client Project: PAA12003

Description: DS Hugh

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Mark W. Beasley , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1, TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.
Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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REPORT OF ANALYSIS

Kathleen Buxton
Plains All American Pipeline - Ente
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

September 17, 2013

ESC Sample # : L657122-01

Site ID : SRS - 2000-10807

Project # : PAA12003

Date Received : September 12, 2013
Description : DS Hugh

Sample ID : MW2

Collected By : Shane Diller
Collection Date : 09/11/13 10:40

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	09/14/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	09/14/13	1
Ethylbenzene	U	0.00038	0.00038	0.0010	mg/l		8260B	09/14/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	09/16/13	1
Surrogate Recovery									
Toluene-d8	102.				% Rec.		8260B	09/14/13	1
Dibromofluoromethane	104.				% Rec.		8260B	09/14/13	1
a,a,a-Trifluorotoluene	108.				% Rec.		8260B	09/14/13	1
4-Bromofluorobenzene	98.8				% Rec.		8260B	09/14/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

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Reported: 09/17/13 11:20 Printed: 09/17/13 11:20

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REPORT OF ANALYSIS

Kathleen Buxton
Plains All American Pipeline - Ente
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

September 17, 2013

ESC Sample # : L657122-02

Site ID : SRS - 2000-10807

Project # : PAA12003

Date Received : September 12, 2013
Description : DS Hugh

Sample ID : MW3

Collected By : Shane Diller
Collection Date : 09/11/13 10:45

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	09/14/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	09/14/13	1
Ethylbenzene	U	0.00038	0.00038	0.0010	mg/l		8260B	09/14/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	09/14/13	1
Surrogate Recovery									
Toluene-d8	103.				% Rec.		8260B	09/14/13	1
Dibromofluoromethane	103.				% Rec.		8260B	09/14/13	1
a,a,a-Trifluorotoluene	108.				% Rec.		8260B	09/14/13	1
4-Bromofluorobenzene	95.9				% Rec.		8260B	09/14/13	1

U = ND (Not Detected) = Less than SDL
Note:
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REPORT OF ANALYSIS

Kathleen Buxton
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September 17, 2013

ESC Sample # : L657122-03

Date Received : September 12, 2013
Description : DS Hugh

Site ID : SRS - 2000-10807

Sample ID : MW4

Project # : PAA12003

Collected By : Shane Diller
Collection Date : 09/11/13 11:05

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	0.00075	0.00033	0.00033	0.0010	mg/l	J	8260B	09/14/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	09/14/13	1
Ethylbenzene	0.021	0.00038	0.00038	0.0010	mg/l		8260B	09/14/13	1
Total Xylenes	0.026	0.0011	0.0011	0.0030	mg/l		8260B	09/14/13	1
Surrogate Recovery									
Toluene-d8	103.				% Rec.		8260B	09/14/13	1
Dibromofluoromethane	102.				% Rec.		8260B	09/14/13	1
a,a,a-Trifluorotoluene	108.				% Rec.		8260B	09/14/13	1
4-Bromofluorobenzene	99.5				% Rec.		8260B	09/14/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

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Reported: 09/17/13 11:20 Printed: 09/17/13 11:20

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REPORT OF ANALYSIS

Kathleen Buxton
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21 Waterway Ave., Suite 300
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September 17, 2013

ESC Sample # : L657122-04

Site ID : SRS - 2000-10807

Project # : PAA12003

Date Received : September 12, 2013
Description : DS Hugh

Sample ID : MW5

Collected By : Shane Diller
Collection Date : 09/11/13 10:50

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	09/14/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	09/14/13	1
Ethylbenzene	U	0.00038	0.00038	0.0010	mg/l		8260B	09/14/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	09/14/13	1
Surrogate Recovery									
Toluene-d8	102.				% Rec.		8260B	09/14/13	1
Dibromofluoromethane	104.				% Rec.		8260B	09/14/13	1
a,a,a-Trifluorotoluene	106.				% Rec.		8260B	09/14/13	1
4-Bromofluorobenzene	96.9				% Rec.		8260B	09/14/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

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Reported: 09/17/13 11:20 Printed: 09/17/13 11:20

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REPORT OF ANALYSIS

Kathleen Buxton
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September 17, 2013

ESC Sample # : L657122-05

Site ID : SRS - 2000-10807

Project # : PAA12003

Date Received : September 12, 2013
Description : DS Hugh

Sample ID : MW6

Collected By : Shane Diller
Collection Date : 09/11/13 10:55

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	09/14/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	09/14/13	1
Ethylbenzene	U	0.00038	0.00038	0.0010	mg/l		8260B	09/14/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	09/14/13	1
Surrogate Recovery									
Toluene-d8	103.				% Rec.		8260B	09/14/13	1
Dibromofluoromethane	103.				% Rec.		8260B	09/14/13	1
a,a,a-Trifluorotoluene	109.				% Rec.		8260B	09/14/13	1
4-Bromofluorobenzene	95.5				% Rec.		8260B	09/14/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

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Reported: 09/17/13 11:20 Printed: 09/17/13 11:20

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REPORT OF ANALYSIS

Kathleen Buxton
Plains All American Pipeline - Ente
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

September 17, 2013

ESC Sample # : L657122-06

Site ID : SRS - 2000-10807

Project # : PAA12003

Date Received : September 12, 2013
Description : DS Hugh

Sample ID : MW7

Collected By : Shane Diller
Collection Date : 09/11/13 11:00

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	09/14/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	09/14/13	1
Ethylbenzene	U	0.00038	0.00038	0.0010	mg/l		8260B	09/14/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	09/14/13	1
Surrogate Recovery									
Toluene-d8	104.				% Rec.		8260B	09/14/13	1
Dibromofluoromethane	104.				% Rec.		8260B	09/14/13	1
a,a,a-Trifluorotoluene	108.				% Rec.		8260B	09/14/13	1
4-Bromofluorobenzene	97.5				% Rec.		8260B	09/14/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

.
Reported: 09/17/13 11:20 Printed: 09/17/13 11:20

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L657122-03	WG681707	SAMP	Benzene	R2816363	J

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
09/17/13 at 11:20:59

TSR Signing Reports: 134
R5 - Desired TAT

Do not log for TS or QCTX, always log BTEXM by 8260

Sample: L657122-01 Account: PLAINSENT Received: 09/12/13 09:00 Due Date: 09/19/13 00:00 RPT Date: 09/17/13 11:20

Sample: L657122-02 Account: PLAINSENT Received: 09/12/13 09:00 Due Date: 09/19/13 00:00 RPT Date: 09/17/13 11:20

Sample: L657122-03 Account: PLAINSENT Received: 09/12/13 09:00 Due Date: 09/19/13 00:00 RPT Date: 09/17/13 11:20

Sample: L657122-04 Account: PLAINSENT Received: 09/12/13 09:00 Due Date: 09/19/13 00:00 RPT Date: 09/17/13 11:20

Sample: L657122-05 Account: PLAINSENT Received: 09/12/13 09:00 Due Date: 09/19/13 00:00 RPT Date: 09/17/13 11:20

Sample: L657122-06 Account: PLAINSENT Received: 09/12/13 09:00 Due Date: 09/19/13 00:00 RPT Date: 09/17/13 11:20

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Quality Assurance Report
Level II

L657122

September 17, 2013

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Benzene	< .001	mg/l			WG681707	09/13/13 23:10
Ethylbenzene	< .001	mg/l			WG681707	09/13/13 23:10
Toluene	< .005	mg/l			WG681707	09/13/13 23:10
Total Xylenes	< .003	mg/l			WG681707	09/13/13 23:10
4-Bromofluorobenzene		% Rec.	97.10	71-126	WG681707	09/13/13 23:10
Dibromofluoromethane		% Rec.	102.0	78.3-121	WG681707	09/13/13 23:10
Toluene-d8		% Rec.	101.0	88.5-111	WG681707	09/13/13 23:10
a,a,a-Trifluorotoluene		% Rec.	105.0	85-114	WG681707	09/13/13 23:10
Total Xylenes	< .003	mg/l			WG681985	09/16/13 11:39
4-Bromofluorobenzene		% Rec.	96.00	71-126	WG681985	09/16/13 11:39
Dibromofluoromethane		% Rec.	109.0	78.3-121	WG681985	09/16/13 11:39
Toluene-d8		% Rec.	104.0	88.5-111	WG681985	09/16/13 11:39
a,a,a-Trifluorotoluene		% Rec.	108.0	85-114	WG681985	09/16/13 11:39

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Benzene	mg/l	.025	0.0243	97.1	74.8-121	WG681707
Ethylbenzene	mg/l	.025	0.0272	109.	78.8-122	WG681707
Toluene	mg/l	.025	0.0251	101.	79.7-116	WG681707
Total Xylenes	mg/l	.075	0.0797	106.	78.7-121	WG681707
4-Bromofluorobenzene				99.00	71-126	WG681707
Dibromofluoromethane				101.0	78.3-121	WG681707
Toluene-d8				104.0	88.5-111	WG681707
a,a,a-Trifluorotoluene				108.0	85-114	WG681707
Total Xylenes	mg/l	.075	0.0776	103.	78.7-121	WG681985
4-Bromofluorobenzene				95.50	71-126	WG681985
Dibromofluoromethane				104.0	78.3-121	WG681985
Toluene-d8				105.0	88.5-111	WG681985
a,a,a-Trifluorotoluene				105.0	85-114	WG681985

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
Benzene	mg/l	0.0227	0.0243	91.0	74.8-121	6.87	20	WG681707
Ethylbenzene	mg/l	0.0257	0.0272	103.	78.8-122	5.44	20	WG681707
Toluene	mg/l	0.0235	0.0251	94.0	79.7-116	6.78	20	WG681707
Total Xylenes	mg/l	0.0753	0.0797	100.	78.7-121	5.67	20	WG681707
4-Bromofluorobenzene				98.70	71-126			WG681707
Dibromofluoromethane				102.0	78.3-121			WG681707
Toluene-d8				104.0	88.5-111			WG681707
a,a,a-Trifluorotoluene				107.0	85-114			WG681707
Total Xylenes	mg/l	0.0729	0.0776	97.0	78.7-121	6.20	20	WG681985
4-Bromofluorobenzene				94.80	71-126			WG681985
Dibromofluoromethane				103.0	78.3-121			WG681985
Toluene-d8				108.0	88.5-111			WG681985
a,a,a-Trifluorotoluene				109.0	85-114			WG681985

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Benzene	mg/l	0.0206	0.000701	.025	80.0	54.3-133	L657116-08	WG681707
Ethylbenzene	mg/l	0.0248	0.0	.025	99.0	61.4-133	L657116-08	WG681707

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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Quality Assurance Report
Level II

L657122

September 17, 2013

		Matrix Spike						
Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Toluene	mg/l	0.0214	0.0	.025	86.0	61.4-130	L657116-08	WG681707
Total Xylenes	mg/l	0.0725	0.0	.075	97.0	63.3-131	L657116-08	WG681707
4-Bromofluorobenzene					99.30	71-126		WG681707
Dibromofluoromethane					103.0	78.3-121		WG681707
Toluene-d8					104.0	88.5-111		WG681707
a,a,a-Trifluorotoluene					106.0	85-114		WG681707
Total Xylenes	mg/l	0.0836	0.0	.075	110.	63.3-131	L657023-01	WG681985
4-Bromofluorobenzene					101.0	71-126		WG681985
Dibromofluoromethane					106.0	78.3-121		WG681985
Toluene-d8					105.0	88.5-111		WG681985
a,a,a-Trifluorotoluene					106.0	85-114		WG681985

		Matrix Spike Duplicate							
Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Benzene	mg/l	0.0213	0.0206	82.3	54.3-133	3.35	20	L657116-08	WG681707
Ethylbenzene	mg/l	0.0256	0.0248	102.	61.4-133	3.23	20	L657116-08	WG681707
Toluene	mg/l	0.0226	0.0214	90.6	61.4-130	5.55	20	L657116-08	WG681707
Total Xylenes	mg/l	0.0753	0.0725	100.	63.3-131	3.90	20	L657116-08	WG681707
4-Bromofluorobenzene				98.30	71-126				WG681707
Dibromofluoromethane				103.0	78.3-121				WG681707
Toluene-d8				104.0	88.5-111				WG681707
a,a,a-Trifluorotoluene				108.0	85-114				WG681707
Total Xylenes	mg/l	0.0671	0.0836	89.5	63.3-131	21.8*	20	L657023-01	WG681985
4-Bromofluorobenzene				95.60	71-126				WG681985
Dibromofluoromethane				105.0	78.3-121				WG681985
Toluene-d8				105.0	88.5-111				WG681985
a,a,a-Trifluorotoluene				104.0	85-114				WG681985

Batch number /Run number / Sample number cross reference

WG681707: R2816363: L657122-01 02 03 04 05 06
WG681985: R2818162: L657122-01

* * Calculations are performed prior to rounding of reported values.
* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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Quality Assurance Report
Level II

L657122

September 17, 2013

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Plains All American Pipeline - Entech

21 Waterway Ave., Suite 300
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Billing Information:
Accounts Payable
333 Clay St., Ste 1600
Houston, TX 77002

Report to: Kathleen Buxton

Email To: kathleen.buxton@entechservice.com

Project Description: DS Hugh

City/State Collected: EUNICE NM

Phone: 979-997-2338
Fax:

Client Project # PAA12003

Lab Project # PLAINSENT-DSHUGH

Collected by (print): SHANE DILLER

Site/Facility ID # SRS - 2000-10807

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No X__Yes
FAX? ___No ___Yes

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Rem./Contaminant	Sample # (lab only)
mw2	G	GW	1040	9-11-13		2	X		-01
mw3		GW	1045			2	X		-02
mw4		GW	1105			2	X		-03
mw5		GW	1050			2	X		-04
mw6		GW	1055			2	X		-05
mw7	G	GW	1100	9-11-13		2	X		-06
		GW				2	X		
		GW				2	X		

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks: 5704 6057 2433

pH _____ Temp _____

Flow _____ Other _____

Chain of Custody Page ___ of ___

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L # L657122

C054

Acctnum: PLAINSENT
Template: T86710
Prelogin: P440639
TSR: 134 - Mark W. Beasley
PB: 8-28 MB

Shipped Via: FedEx Ground

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	9-11-13	1730	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ _____

Temp: 2.6 °C Bottles Received: 12+TB

Date: 9/12/13 Time: 0900

Hold #

Condition: (lab use only) OK

COC Seal Intact: ✓ Y ___N ___NA

pH Checked: NCF:

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Kathleen Buxton
EnTech Consulting Corporation
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

Report Summary

Wednesday December 18, 2013

Report Number: L673997
Samples Received: 12/14/13
Client Project: PAA12003

Description: DS Hugh

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Mark W. Beasley , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1, TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.
Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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REPORT OF ANALYSIS

Kathleen Buxton
EnTech Consulting Corporation
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

December 18, 2013

ESC Sample # : L673997-01

Date Received : December 14, 2013
Description : DS Hugh

Site ID : SRS - 2000-10807

Sample ID : MW 2

Project # : PAA12003

Collected By : Shane Diller
Collection Date : 12/11/13 17:05

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	12/18/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	12/18/13	1
Ethylbenzene	U	0.00038	0.00038	0.0010	mg/l		8260B	12/18/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	12/18/13	1
Surrogate Recovery									
Toluene-d8	102.				% Rec.		8260B	12/18/13	1
Dibromofluoromethane	96.0				% Rec.		8260B	12/18/13	1
a,a,a-Trifluorotoluene	93.8				% Rec.		8260B	12/18/13	1
4-Bromofluorobenzene	104.				% Rec.		8260B	12/18/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

Kathleen Buxton
EnTech Consulting Corporation
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

December 18, 2013

ESC Sample # : L673997-02

Date Received : December 14, 2013
Description : DS Hugh

Site ID : SRS - 2000-10807

Sample ID : MW 3

Project # : PAA12003

Collected By : Shane Diller
Collection Date : 12/11/13 17:10

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	12/18/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	12/18/13	1
Ethylbenzene	U	0.00038	0.00038	0.0010	mg/l		8260B	12/18/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	12/18/13	1
Surrogate Recovery									
Toluene-d8	101.				% Rec.		8260B	12/18/13	1
Dibromofluoromethane	98.1				% Rec.		8260B	12/18/13	1
a,a,a-Trifluorotoluene	94.2				% Rec.		8260B	12/18/13	1
4-Bromofluorobenzene	106.				% Rec.		8260B	12/18/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

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Reported: 12/18/13 16:04 Printed: 12/18/13 16:04

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REPORT OF ANALYSIS

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The Woodlands, TX 77380

December 18, 2013

ESC Sample # : L673997-03

Date Received : December 14, 2013
Description : DS Hugh

Site ID : SRS - 2000-10807

Sample ID : MW 4

Project # : PAA12003

Collected By : Shane Diller
Collection Date : 12/11/13 17:15

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	12/18/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	12/18/13	1
Ethylbenzene	0.0079	0.00038	0.00038	0.0010	mg/l		8260B	12/18/13	1
Total Xylenes	0.0052	0.0011	0.0011	0.0030	mg/l		8260B	12/18/13	1
Surrogate Recovery									
Toluene-d8	99.9				% Rec.		8260B	12/18/13	1
Dibromofluoromethane	96.2				% Rec.		8260B	12/18/13	1
a,a,a-Trifluorotoluene	93.3				% Rec.		8260B	12/18/13	1
4-Bromofluorobenzene	108.				% Rec.		8260B	12/18/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

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December 18, 2013

ESC Sample # : L673997-04

Date Received : December 14, 2013
Description : DS Hugh

Site ID : SRS - 2000-10807

Sample ID : MW 5

Project # : PAA12003

Collected By : Shane Diller
Collection Date : 12/11/13 17:20

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	12/18/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	12/18/13	1
Ethylbenzene	U	0.00038	0.00038	0.0010	mg/l		8260B	12/18/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	12/18/13	1
Surrogate Recovery									
Toluene-d8	100.				% Rec.		8260B	12/18/13	1
Dibromofluoromethane	99.3				% Rec.		8260B	12/18/13	1
a,a,a-Trifluorotoluene	94.1				% Rec.		8260B	12/18/13	1
4-Bromofluorobenzene	104.				% Rec.		8260B	12/18/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

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Reported: 12/18/13 16:04 Printed: 12/18/13 16:04

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REPORT OF ANALYSIS

Kathleen Buxton
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December 18, 2013

ESC Sample # : L673997-05

Date Received : December 14, 2013
Description : DS Hugh

Site ID : SRS - 2000-10807

Sample ID : MW 6

Project # : PAA12003

Collected By : Shane Diller
Collection Date : 12/11/13 17:25

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	12/18/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	12/18/13	1
Ethylbenzene	U	0.00038	0.00038	0.0010	mg/l		8260B	12/18/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	12/18/13	1
Surrogate Recovery									
Toluene-d8	100.				% Rec.		8260B	12/18/13	1
Dibromofluoromethane	98.4				% Rec.		8260B	12/18/13	1
a,a,a-Trifluorotoluene	93.3				% Rec.		8260B	12/18/13	1
4-Bromofluorobenzene	105.				% Rec.		8260B	12/18/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

.
Reported: 12/18/13 16:04 Printed: 12/18/13 16:04

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Est. 1970

REPORT OF ANALYSIS

Kathleen Buxton
EnTech Consulting Corporation
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

December 18, 2013

ESC Sample # : L673997-06

Date Received : December 14, 2013
Description : DS Hugh

Site ID : SRS - 2000-10807

Sample ID : MW 7

Project # : PAA12003

Collected By : Shane Diller
Collection Date : 12/11/13 17:30

Parameter	Result	MDL	SDL	MQL	Units	Qual	Method	Date	Dil.
Benzene	U	0.00033	0.00033	0.0010	mg/l		8260B	12/18/13	1
Toluene	U	0.00078	0.00078	0.0050	mg/l		8260B	12/18/13	1
Ethylbenzene	U	0.00038	0.00038	0.0010	mg/l		8260B	12/18/13	1
Total Xylenes	U	0.0011	0.0011	0.0030	mg/l		8260B	12/18/13	1
Surrogate Recovery									
Toluene-d8	101.				% Rec.		8260B	12/18/13	1
Dibromofluoromethane	98.3				% Rec.		8260B	12/18/13	1
a,a,a-Trifluorotoluene	93.9				% Rec.		8260B	12/18/13	1
4-Bromofluorobenzene	105.				% Rec.		8260B	12/18/13	1

U = ND (Not Detected) = Less than SDL
Note:
The reported analytical results relate only to the sample submitted.

.
Reported: 12/18/13 16:04 Printed: 12/18/13 16:04

Summary of Remarks For Samples Printed
12/18/13 at 16:04:35

TSR Signing Reports: 134
R5 - Desired TAT

Do not log for TS or QCTX, always log BTEXM by 8260

Sample: L673997-01 Account: PLAINSENT Received: 12/14/13 12:00 Due Date: 12/20/13 00:00 RPT Date: 12/18/13 16:04

Sample: L673997-02 Account: PLAINSENT Received: 12/14/13 12:00 Due Date: 12/20/13 00:00 RPT Date: 12/18/13 16:04

Sample: L673997-03 Account: PLAINSENT Received: 12/14/13 12:00 Due Date: 12/20/13 00:00 RPT Date: 12/18/13 16:04

Sample: L673997-04 Account: PLAINSENT Received: 12/14/13 12:00 Due Date: 12/20/13 00:00 RPT Date: 12/18/13 16:04

Sample: L673997-05 Account: PLAINSENT Received: 12/14/13 12:00 Due Date: 12/20/13 00:00 RPT Date: 12/18/13 16:04

Sample: L673997-06 Account: PLAINSENT Received: 12/14/13 12:00 Due Date: 12/20/13 00:00 RPT Date: 12/18/13 16:04

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EnTech Consulting Corporation
Kathleen Buxton
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

Quality Assurance Report
Level II

L673997

December 18, 2013

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Benzene	< .001	mg/l			WG697334	12/18/13 00:43
Ethylbenzene	< .001	mg/l			WG697334	12/18/13 00:43
Toluene	< .005	mg/l			WG697334	12/18/13 00:43
Total Xylenes	< .003	mg/l			WG697334	12/18/13 00:43
4-Bromofluorobenzene		% Rec.	105.0	71-126	WG697334	12/18/13 00:43
Dibromofluoromethane		% Rec.	97.40	78.3-121	WG697334	12/18/13 00:43
Toluene-d8		% Rec.	102.0	88.5-111	WG697334	12/18/13 00:43
a,a,a-Trifluorotoluene		% Rec.	95.40	85-114	WG697334	12/18/13 00:43

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Benzene	mg/l	.025	0.0279	112.	74.8-121	WG697334
Ethylbenzene	mg/l	.025	0.0250	99.8	78.8-122	WG697334
Toluene	mg/l	.025	0.0247	98.6	79.7-116	WG697334
Total Xylenes	mg/l	.075	0.0744	99.2	78.7-121	WG697334
4-Bromofluorobenzene				96.00	71-126	WG697334
Dibromofluoromethane				105.0	78.3-121	WG697334
Toluene-d8				100.0	88.5-111	WG697334
a,a,a-Trifluorotoluene				96.20	85-114	WG697334

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
Benzene	mg/l	0.0269	0.0279	108.	74.8-121	3.50	20	WG697334
Ethylbenzene	mg/l	0.0243	0.0250	97.0	78.8-122	2.67	20	WG697334
Toluene	mg/l	0.0248	0.0247	99.0	79.7-116	0.670	20	WG697334
Total Xylenes	mg/l	0.0730	0.0744	97.0	78.7-121	1.90	20	WG697334
4-Bromofluorobenzene				100.0	71-126			WG697334
Dibromofluoromethane				100.0	78.3-121			WG697334
Toluene-d8				102.0	88.5-111			WG697334
a,a,a-Trifluorotoluene				93.10	85-114			WG697334

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Benzene	mg/l	0.0269	0.0	.025	110.	54.3-133	L673997-01	WG697334
Ethylbenzene	mg/l	0.0253	0.0	.025	100.	61.4-133	L673997-01	WG697334
Toluene	mg/l	0.0244	0.0	.025	98.0	61.4-130	L673997-01	WG697334
Total Xylenes	mg/l	0.0748	0.0	.075	100.	63.3-131	L673997-01	WG697334
4-Bromofluorobenzene					100.0	71-126		WG697334
Dibromofluoromethane					103.0	78.3-121		WG697334
Toluene-d8					101.0	88.5-111		WG697334
a,a,a-Trifluorotoluene					96.10	85-114		WG697334

Matrix Spike Duplicate

Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Benzene	mg/l	0.0267	0.0269	107.	54.3-133	0.700	20	L673997-01	WG697334
Ethylbenzene	mg/l	0.0252	0.0253	101.	61.4-133	0.580	20	L673997-01	WG697334
Toluene	mg/l	0.0249	0.0244	99.5	61.4-130	1.86	20	L673997-01	WG697334
Total Xylenes	mg/l	0.0749	0.0748	99.8	63.3-131	0.0700	20	L673997-01	WG697334
4-Bromofluorobenzene				102.0	71-126				WG697334
Dibromofluoromethane				98.40	78.3-121				WG697334
Toluene-d8				100.0	88.5-111				WG697334
a,a,a-Trifluorotoluene				94.10	85-114				WG697334

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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EnTech Consulting Corporation
Kathleen Buxton
21 Waterway Ave., Suite 300

The Woodlands, TX 77380

Quality Assurance Report
Level II

L673997

December 18, 2013

Batch number /Run number / Sample number cross reference

WG697334: R2869641: L673997-01 02 03 04 05 06

* * Calculations are performed prior to rounding of reported values.
* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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Quality Assurance Report
Level II

L673997

December 18, 2013

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Plains All American Pipeline - Entech

21 Waterway Ave., Suite 300
The Woodlands, TX 77380

Billing Information:
Accounts Payable
333 Clay St., Ste 1600
Houston, TX 77002

Report to: **Kathleen Buxton**

Email To: **kathleen.buxton@entechservice.com**

Project Description: **DS Hugh**

City/State Collected: Eunice NM

Phone: **979-997-2338**
Fax:

Client Project # **PAA12003**

Lab Project # **PLAINSENT-DSHUGH**

Collected by (print): SHANE A. DILLER

Site/Facility ID # **SRS - 2000-10807**

P.O. #

Collected by (signature): Shane A. Diller

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No X__Yes
FAX? ___No ___Yes

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl									Rem./Contaminant	Sample # (lab only)
mw2	G	GW		12-11-13	1705	2	X										01
mw3		GW			1710	2	X										02
mw4		GW			1715	2	X										03
mw5		GW			1720	2	X										04
mw6		GW			1725	2	X										05
mw7	G	GW		12-11-13	1730	2	X										06
		GW				2	X										
		GW				2	X										

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

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Fax: 615-758-5859

L# L673997

A037

Acctnum: **PLAINSENT**
Template: **T86710**
Prelogin: **P446539**
TSR: **134 - Mark W. Beasley**
PB: 10.16 M8

Shipped Via: **FedEX Ground**

* Matrix: **SS** - Soil **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

Remarks:

5704 6063 7765

pH _____ Temp _____

Flow _____ Other _____

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Shane A. Diller	12-13-13	1700	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			Moore

Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ _____

Temp: 3.0 °C Bottles Received: 12 + TB

Date: 12-19-13 Time: 1200

Condition: (lab use only) OK

COC Seal Intact: ___Y ___N ___NA

pH Checked: NCF: