

AP - 41

ANNUAL MONITORING REPORT

YEAR(S):
2012



**PLAINS
ALL AMERICAN**

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March 19, 2013

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

Re: Plains All American – 2012 Annual Monitoring Reports
4 Sites in Lea County, New Mexico

Dear Mr. Hansen:

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

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

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,

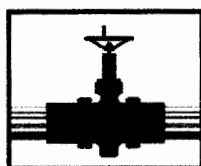
Jason Henry
Remediation Coordinator
Plains All American

CC: Geoff Leking, NMOCD, Hobbs, NM

Enclosures

**2012 ANNUAL GROUNDWATER
MONITORING REPORT
HUGH GATHERING SITE
LEA COUNTY, NEW MEXICO
UL-P, SECTION 11, T21S, R37E
PLAINS SRS #2002-10235
NMOCD NO.: AP-0041**

PREPARED FOR



PLAINS
PIPELINE, L.P.

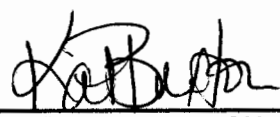
333 CLAY STREET, SUITE 1600
HOUSTON, TEXAS 77002

PREPARED BY
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21 WATERWAY AVE., SUITE 300
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MARCH 2013



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

In May 2002, a six-inch steel pipeline at the Hugh Gathering Site (site) released approximately 50 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 11 of Lea County, New Mexico, approximately two miles east of Eunice, New Mexico (**Figure 1**) or more specifically at latitude 32° 29' 11.007" N and longitude 103° 07' 33.864" W.

The leak that occurred at the site in May 2002 was apparently caused by internal or external corrosion and was repaired. The release was reported by Mr. Pat McCasland of Environmental Plus, Inc. (EPI) on behalf of Mr. Frank Hernandez of EOTT to the New Mexico Oil Conservation Division (NMOCD).

This report presents the data collected at the site during weekly groundwater gauging, phase separated hydrocarbon (PSH) recovery, and four quarterly sampling events conducted during 2012. The objective of the on-going quarterly groundwater sampling activities at the site is to monitor the concentration of chemicals of concern (COCs) in the affected groundwater. Weekly PSH recovery activities are conducted to remove residual crude oil.

1.2 Previous Remedial Responses and Environmental Investigations

The previous environmental consultants for the Hugh Gathering were EPI 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.

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 EPI for Plains, provides documentation of reporting the release to the New Mexico Oil Conservation Division (NMOCD). Initial soil remediation activities were completed by EPI. The total spill-impacted area was approximately 1176 square feet. According to documents available from EPI, the May 2002 release resulted in crude oil impacting two areas on either side of the NMSR18 (**Figure 2**). The crude oil was initially contained in the second pipe before flowing from vent pipes on the east and west sides of NMSR 18 and affecting the surface and subsurface soil at two separate areas. For the ease of the discussion, the two impacted areas are hereafter referred to as the east and west side release areas. As part of the initial remediation activities, impacted soils to a depth of approximately four feet below ground surface (bgs) were excavated and disposed of in an NMOCD-approved landfarm.

1.2.1 West Side Investigations and Remediation

Soil and groundwater delineation activities were initiated in September 2002 with the installation of soil borings BH9 to BH16 on the west side, of which BH-10 was converted to a monitor well (MW-1). PSH was detected on the surface of the groundwater from MW-1 at approximately 60 feet bgs.

On the west side of NMSR 18 during June and July 2003, with NMOCD approval, groundwater monitor wells MW-2 through MW-5 were installed (**Figure 2**). PSH was discovered in groundwater monitor wells MW-1, MW-2, and MW-4. Recovery of PSH from groundwater monitor wells was initiated on a weekly basis and in August 2003, daily recovery began using a gasoline powered eductor type PSH recovery system by EPI.

In 2004, with NMOCD approval, groundwater monitor wells MW-6 through MW-12, were installed by EPI to further delineate the horizontal extent of PSH and dissolved phase hydrocarbons (**Figure 2**). PSH was observed in groundwater monitor wells MW-8, MW-9 and MW-10. Dissolved phase hydrocarbons consisting of benzene, toluene, ethylbenzene, and total xylenes (BTEX) and polynuclear aromatic hydrocarbons (PAH) constituents were detected in the 2004 analytical results from groundwater monitor well MW-5. BTEX and PAH constituents were not detected at or above the respective laboratory method detection limits (MDLs) in 2004 samples from groundwater monitor wells MW-6, MW-7, MW-11 and MW-12 located on the site periphery. PSH was present in groundwater monitor wells MW-1, MW-2, MW-3, MW-4, MW-8, MW-9 and MW-10 with thicknesses ranging from 0.25 feet to 11.13 feet,

In May 2005, Plains submitted an Abatement Plan to the NMOCD for approval (prepared by EPI). After a public comment period, the NMOCD subsequently approved implementation of the Abatement Plan through a November 5, 2005 letter to Plains.

Site surveillance continued in 2005 with daily PSH removal and inspection, monthly monitoring of groundwater and PSH levels, and quarterly sampling of groundwater monitor wells not impacted with PSH. In August 2005, because of declining PSH thickness and recovery volumes, PSH recovery was changed from daily deployment of the PSH recovery system to weekly hand bailing of PSH impacted wells and installation of absorbent socks. In 2005 approximately 550 gallons of crude oil were recovered and reintroduced to the Plains pipeline system. The total recovered volume of oil as of December 31, 2005, including the 600 gallons recovered from 2002 through 2004, was approximately 1,150 gallons.

NMOCD approved Plains *Stage 1 and State 2 Abatement Plan* (Abatement Plan) for the Site. During December 2006, EPI conducted excavation, confirmation soil sampling, treatment of residual soils using MicroBlaze Spill Control (MicroBlaze), installation of passive vapor recovery system, clay liner placement, and backfilling of the site on the west side of NMSR 18. Details of these field activities were presented in the *2006 Annual Report* and *Soil Closure Report West Side NMSR 18*.

1.2.2 East Side Investigations and Remediation

The release on the east side of NMSR 18 was initially delineated with the installation of borings BH1 to BH8 in September 2002. The horizontal extent of soil impact on the east side appears

to have covered an approximately 55 feet x 10 feet of surface area from the point of release. The vertical extent of soil impact was delineated to approximately 25 feet bgs and the groundwater was not believed to be affected. In July 2006, additional delineation was completed on the east side, with the installation of soil borings BH9 through BH14. In soil boring BH13, delineation was achieved at a depth of 46 feet bgs. However, in soil boring SH11 delineation could not be completed as refusal was met at 22 feet bgs and hydrocarbons exceeding regulatory guidelines were present at 20 feet bgs.

To address the hydrocarbon impact on the east side of NMSR 18, a work plan was prepared and submitted on May 2, 2008 to the NMOCD and approved. The work plan was implemented during July through October 2008. During the implementation of this work, EarthCon supervised the soil remediation activities such as excavation of the top 19 feet of hydrocarbon impacted soil, clay barrier installation, and backfilling of the excavated soils. A *Soil Closure Report East Side NMSR 18* was submitted to the NMOCD in October 2008 indicating the completion of the soil remediation activities and the achievement of the target clean up goals for soils at the site. One monitor well, MW-13 was installed to determine if the groundwater was affected on the east side of NMSR 18. Details of these field activities were presented in the *Soil Closure Report East Side NMSR 18* dated December 2008 and also the *2008 Annual report*.

To address the COCs in groundwater on the east side of NMSR 18, a *Groundwater Investigation and Delineation Work Plan* letter dated February 23, 2010 was submitted to the NMOCD. This work plan proposed the installation of two additional monitor wells on the east side, to delineate the groundwater impact. Pending landowner approval for implementation of this work, monitor well MW-13 was the only well at that time to show impact to groundwater from the release associated with the east side of the NMSR 18. Additionally quarterly groundwater samples were collected from MW-12 and in May 2010 was identified as having groundwater impacted above NMOCD standards for benzene.

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
Ethylbenzene	0.75
Total Xylenes	0.62
PAHs ^(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 2012 primarily consisted of gauging wells for groundwater levels, determining the presence or absence of PSH, 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 groundwater sampling events. Thirteen groundwater monitor wells (MW-1 through MW-13) 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. Seven monitor wells MW-1 through MW-4, MW-8 through MW-10 contained a measurable PSH thickness or hydrocarbon sheen during 2012 and were 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 groundwater samples were analyzed for BTEX and PAH in the second quarter of 2012. Based on the review of the 2010 Annual Groundwater Monitoring Report, the NMOCD requested that any monitor wells which had a COC which exceeded NMOCD standards be sampled for PAHs. To meet these requests, groundwater samples were collected during the second quarter of 2012 from MW-1, MW-2, MW-4, MW-7, MW-8, MW-9, MW-10, MW-12 and MW13 and analyzed for PAH and BTEX.

Groundwater monitor wells not exhibiting PSH or hydrocarbon sheen were gauged monthly and sampled quarterly. After collecting and recording groundwater level, 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 ALS Environmental of Houston, Texas 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 2012. 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 six monitor wells (MW-1, MW-2, MW-4, MW-8 through

MW-10) during PSH recovery efforts. Groundwater elevation measurements were recorded monthly for nine monitor wells (MW-3, MW-5, MW-6, MW-7, MW-11 through MW-13) without PSH or hydrocarbon sheen. Complete 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 23, May 24, September 12, and November 19, 2012. The hydraulic gradient in 2012 ranged from 0.0011 to 0.0023 feet/feet (ft/ft), based on groundwater elevations measured between monitor wells MW-6 and MW-12. The groundwater gradient and flow direction across the site during 2012 were similar to the gradient and direction observed during the previous five years to the southeast.

2.4 Groundwater Analytical Results

Groundwater samples were collected on February 23, May 24, September 12, and November 19, 2012 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 ALS Laboratory Group (ALS), in Houston, Texas for analysis. Groundwater samples were analyzed for BTEX using EPA Method SW-846 8021B and PAHs by EPA Method SW 8270.

In 2008, 2009, 2010, 2011, and 2012 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 2012. To meet this requirement for 2012, groundwater samples were also collected from monitor wells MW-1, MW-2, MW-4, MW-7, MW-8, MW-9, MW-10, MW-12, MW-13 during the second quarter of 2012 and were analyzed for BTEX constituents (see **Tables 3 and 4** for analytical data) as well as PAHs (see **Table 5**).

Groundwater samples were collected in the second quarter from monitor wells MW-1, MW-2, MW-4, MW-8, MW-9, and MW-10 due to the presence of PSH. Analytical results reported for the groundwater samples collected at three wells (MW-5, MW-6, and MW-11) displayed BTEX constituent concentrations below laboratory MDLs or below NMOCD remediation criteria for all four quarters. Monitor well MW-7 exhibited concentrations of constituents above laboratory MDLs and NMOCD remediation criteria for the second and third quarters of groundwater monitoring for benzene. Monitor well MW-12 exhibited concentrations of constituents above laboratory MDLs and NMOCD remediation criteria for the first, second, and third quarters of groundwater monitoring for benzene. Monitor well MW-13 exhibited concentrations of

constituents above laboratory MDLs and NMOCD remediation criteria for all four quarters of groundwater monitoring for benzene. MW-1, MW-2, MW-4, MW-8, MW-9 and MW-10 exceeded the NMOCD criteria for benzene during the second quarter when they were sampled.

Table 2.1							
2012 COC NMOCD Exceeding Concentrations (mg/L)							
	First Quarter	Second Quarter				Third Quarter	Fourth Quarter
	Benzene	Benzene	Toluene	Ethylbenzene	Xylenes	Benzene	Benzene
TRRC Remediation Criteria (mg/L)	0.01	0.01	0.75	0.75	0.62	0.01	0.01
MW-1	NS	3.6	1.5	0.8	1.7	NS	NS
MW-2	NS	1.9	0.061	0.41	0.4	NS	NS
MW-4	NS	0.38	<0.0050	0.25	0.76	NS	NS
MW-7	0.007	0.014	<0.0010	<0.0010	<0.0030	0.018	<0.001
MW-8	NS	3.7	<0.001	0.49	0.39	NS	NS
MW-9	NS	6.0	3.0	1.1	2.2	NS	NS
MW-10	NS	0.28	0.0083	0.059	0.057	NS	NS
MW-12	0.32	0.32	<0.0010	<0.0010	0.023	0.025	0.0022
MW-13	0.66	0.81	<0.0050	<0.0050	<0.015	0.63	0.1

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

J – Estimated. The analyte was detected and identified and associated numerical value is the approximate concentration of the analyte in the sample.

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

The 2012 analytical results are presented in **Table 3**, and 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**.

2.5 Groundwater Waste Disposal

Purge water from well sampling is placed in the 1100-gallon above ground storage tank. These liquids are vacuumed from the tank and transported offsite for 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 six wells with PSH/sheen (wells MW-1, MW-3, MW-4, MW-8, MW-9 and MW-10). 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 10 to 20 gallons of groundwater from three of the above referenced well, with possible dissolved phase hydrocarbons and less than 1 gallon of PSH.

3.2 PSH Recovery via Pumping and Manual Bailing

During 2012, measurable PSH was observed in monitor wells MW-1, MW-2, MW-3, MW-8, MW-9, and MW-10. In general, decreasing trends in the PSH thickness data collected for these wells has been observed. 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 2007. The average product thickness observed in 2012 for MW-1 was 3.18 ft with a maximum of 4.27 ft and a minimum of 1.20 ft.

The maximum thickness in MW-2 during 2012 was observed to be 0.79 ft which occurred during the fourth quarters of 2012, possible a result of an increase in the depth to groundwater across the site. The minimum PSH thickness observed in MW-2 was 0.01 ft with an average PSH thickness for 2012 of 0.08 ft.

The PSH thickness observed in monitor well MW-4 indicated an increase during the third and fourth quarters of 2012. A measurable thickness of 1.01 ft was observed during the first quarter of 2012 as part of the increasing depth to groundwater observed at the site. The minimum PSH thickness observed in MW-4 was 0.01 ft with an average PSH thickness for 2012 of 0.06 ft.

The PSH thickness in monitor well MW-8 has been reduced to a small measurable thickness, sheen. The maximum, minimum, and average measurable thickness was observed during 2012 of 0.01 ft.

The maximum PSH thickness observed in monitor well MW-9 of 1.85 ft., which was observed during the second quarter of 2012. The minimum PSH thickness observed in MW-9 was 0.13 ft with an average PSH thickness for 2012 of 0.55 ft.

The maximum PSH thickness observed in monitor well MW-10 of 0.45 ft., which was observed during the first quarter of 2012. The minimum PSH thickness observed in MW-9 was 0.00 ft with an average PSH thickness for 2012 of 0.04 ft.

3.3 PSH Waste Disposal

Approximately 30 gallons of PSH and 1200 gallons total of affected groundwater were recovered from the wells containing PSH or sheen during 2012. The aforementioned liquids storage tank was emptied during 2012.

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 Groundwater Plume Stability and Monitored Natural Attenuation Information

The Hugh Gathering 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 seven monitor wells which did not contain PSH. During the second quarter, benzene was detected above the NMOCD remediation criteria in monitor wells MW-1, MW-2, MW-4, MW-7, MW-8, MW-9, MW-10, MW-12 and MW-13.

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 2008, 2009, 2010, 2011, and 2012. 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, MW-5, MW-6, MW-7, MW-11 and MW-12. Since the wells with PSH were sampled only during the second quarter groundwater sampling events from 2008 through 2012, the benzene concentrations reported during this sampling event were used in the plume evaluation. The plume characteristics such as the plume area, average concentration, mass, and centers of mass were calculated for each of the benzene plumes using numerical methods and engineering principles.

The benzene isopleths maps for 2008, 2009, 2010, 2011, and 2012 are presented in **Figures 5 through 9** respectively. Previous maps prepared by EarthCon are presented in **Figures 5 through 8**.

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 2012 groundwater monitoring at the Hugh Gathering site are summarized below.

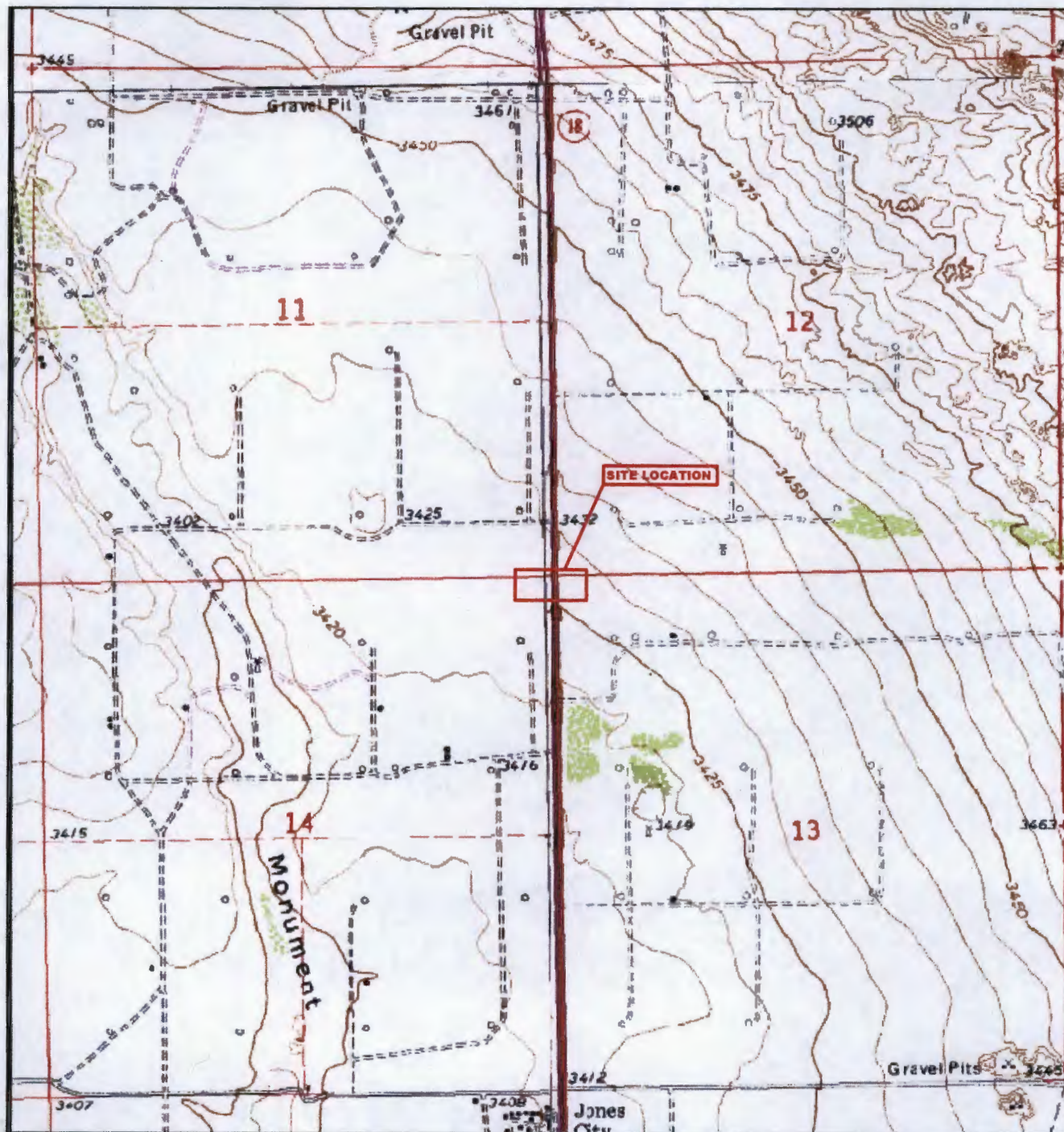
- Groundwater flow in the uppermost groundwater-bearing unit is to the southeast ranging from 0.0011 to 0.0023 ft/ft as measured between wells MW-6 and MW-12.
- Analytical results reported for the groundwater samples collected at three wells (MW-5, MW6, and MW-11) displayed BTEX constituent concentrations below laboratory MDLs or below NMOCD remediation criteria for all four quarters. Monitor well MW-7 exhibited concentrations of constituents above laboratory MDLs and NMOCD remediation criteria for the second and third quarters of groundwater monitoring for benzene. Monitor well MW-12 exhibited concentrations of constituents above laboratory MDLs and NMOCD remediation criteria for the first, second, and third quarters of groundwater monitoring for benzene. Monitor well MW-13 exhibited concentrations of constituents above laboratory MDLs and NMOCD remediation criteria for all four quarters of groundwater monitoring for benzene. MW-1, MW-2, MW-4, MW-8, MW-9 and MW-10 exceeded the NMOCD criteria for benzene during the second quarter when they were sampled.
- The PSH plume has remained in the historical source area and does not appear to be migrating downgradient.

Based on PSH recovery data and groundwater sampling completed during 2012 (and previously) at the site, EnTech recommends the following:

- PSH recovery from wells MW-1, MW-2, MW-4, MW-8, MW-9 and MW-10 on a weekly basis.
- Groundwater monitoring continues on a quarterly basis.
- Continue to attempt to gain access to offsite property for installation of additional delineation wells.
- Replacement of MW-1 to increase product recovery.

FIGURES

Figure 1	Site Location Map
Figure 2	Site Layout Map
Figure 3A	1st Quarter 2011 – Groundwater Gradient Map, February 23, 2012
Figure 3B	2nd Quarter 2011 – Groundwater Gradient Map, May 24, 2012
Figure 3C	3rd Quarter 2011 – Groundwater Gradient Map, September 12, 2012
Figure 3D	4th Quarter 2011 – Groundwater Gradient Map, November 19, 2012
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Figure 8	2010 – Benzene Isopleth Map
Figure 9	2011 – Benzene Isopleth Map
Figure 10	2012 – Benzene Isopleth Map



Eunice NE Quadrangle
 32°29'11"N Latitude & 103°07'31"W Longitude

0 1/2 mile 1 mile
 Distance in Miles

EnTech
 Houston, TX • (281) 362-3714

Figure 1
 Site Location Map
 Hugh Gathering
 SRS. #: 2002-10235
 Plains Marketing, L.P.
 Lea County, New Mexico

PROJ. NO: PAA12006

DATE: 1/13

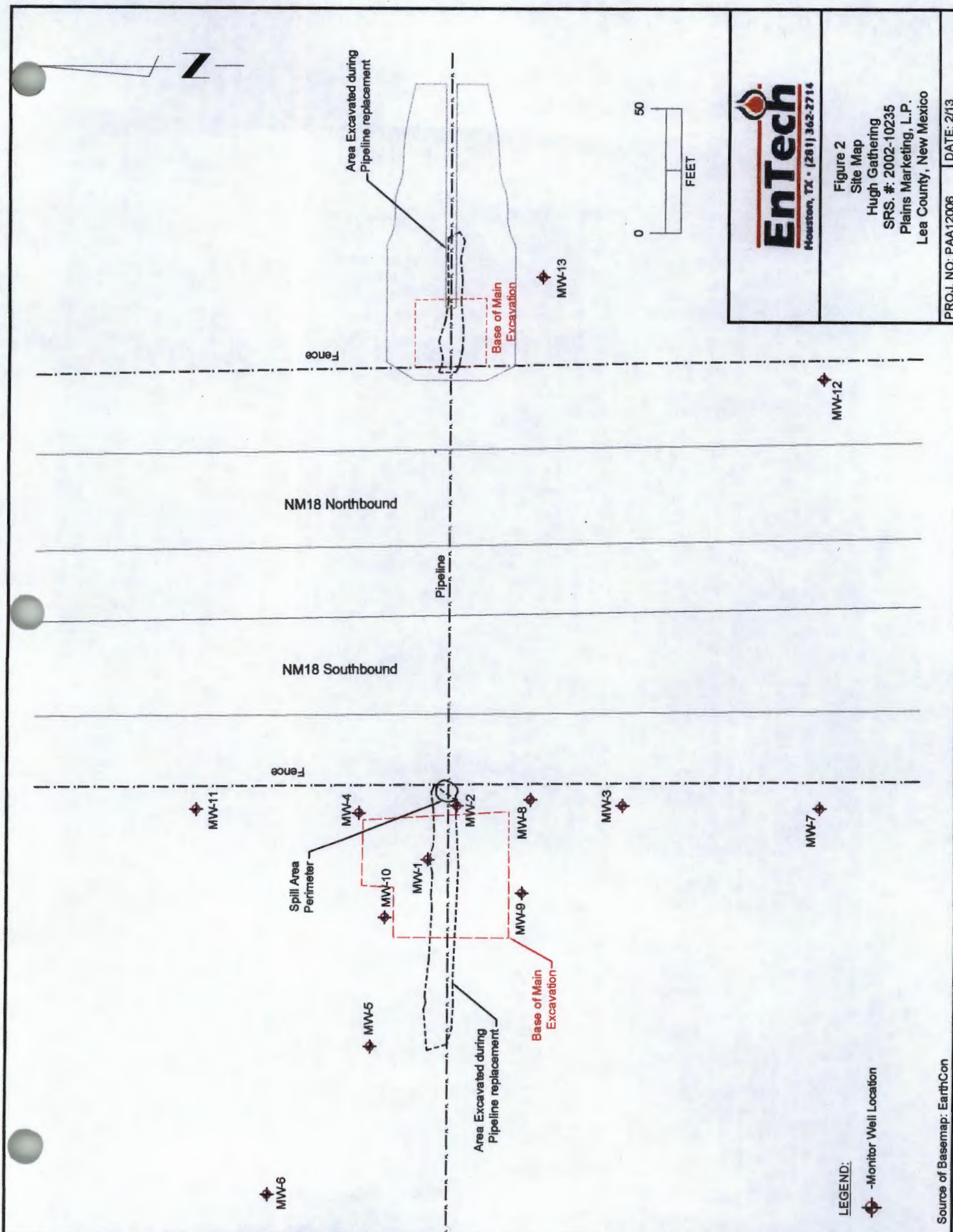


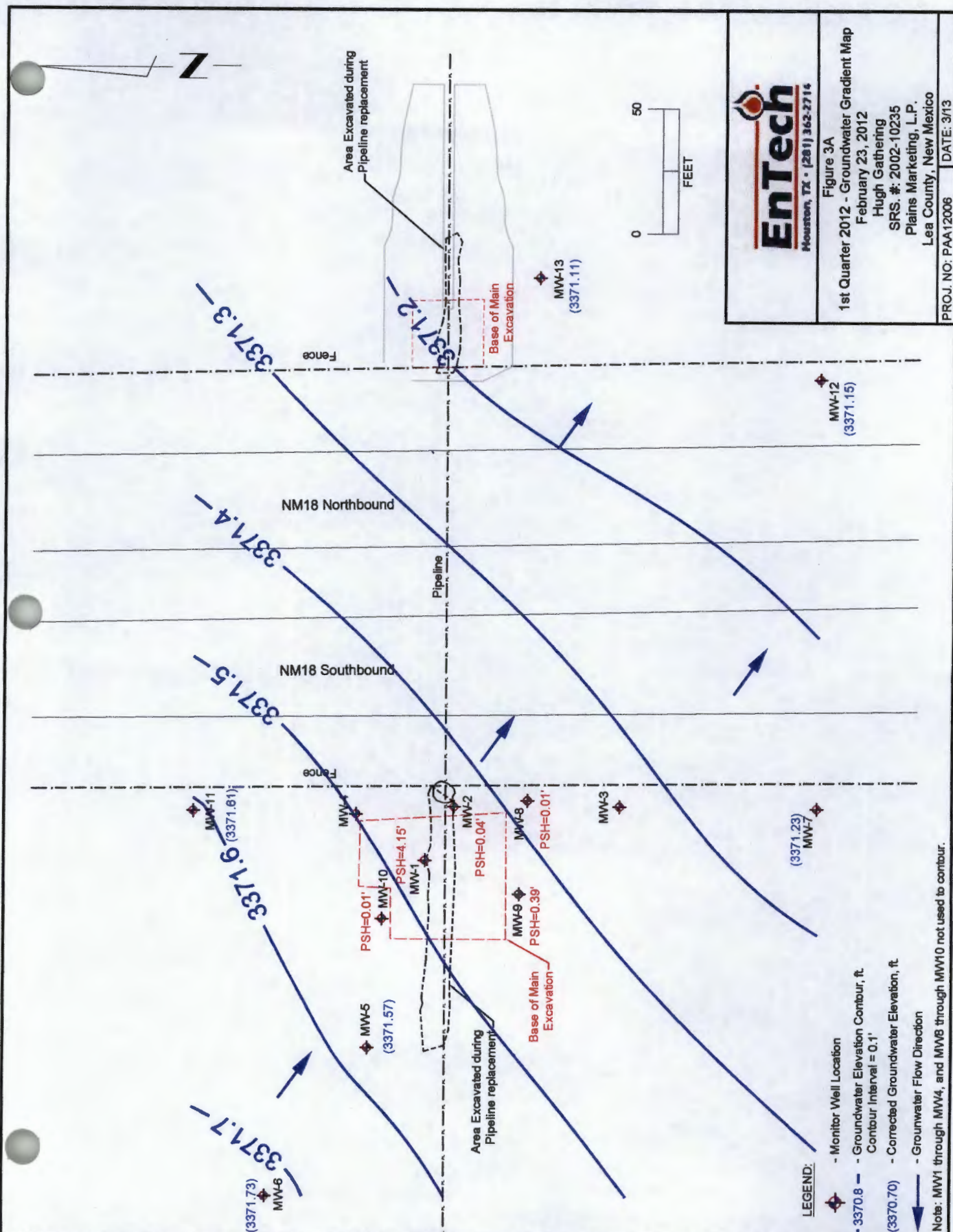
Figure 2
Site Map
Hugh Gathering
SRS. #: 2002-10235
Plains Marketing, L.P.
Lea County, New Mexico

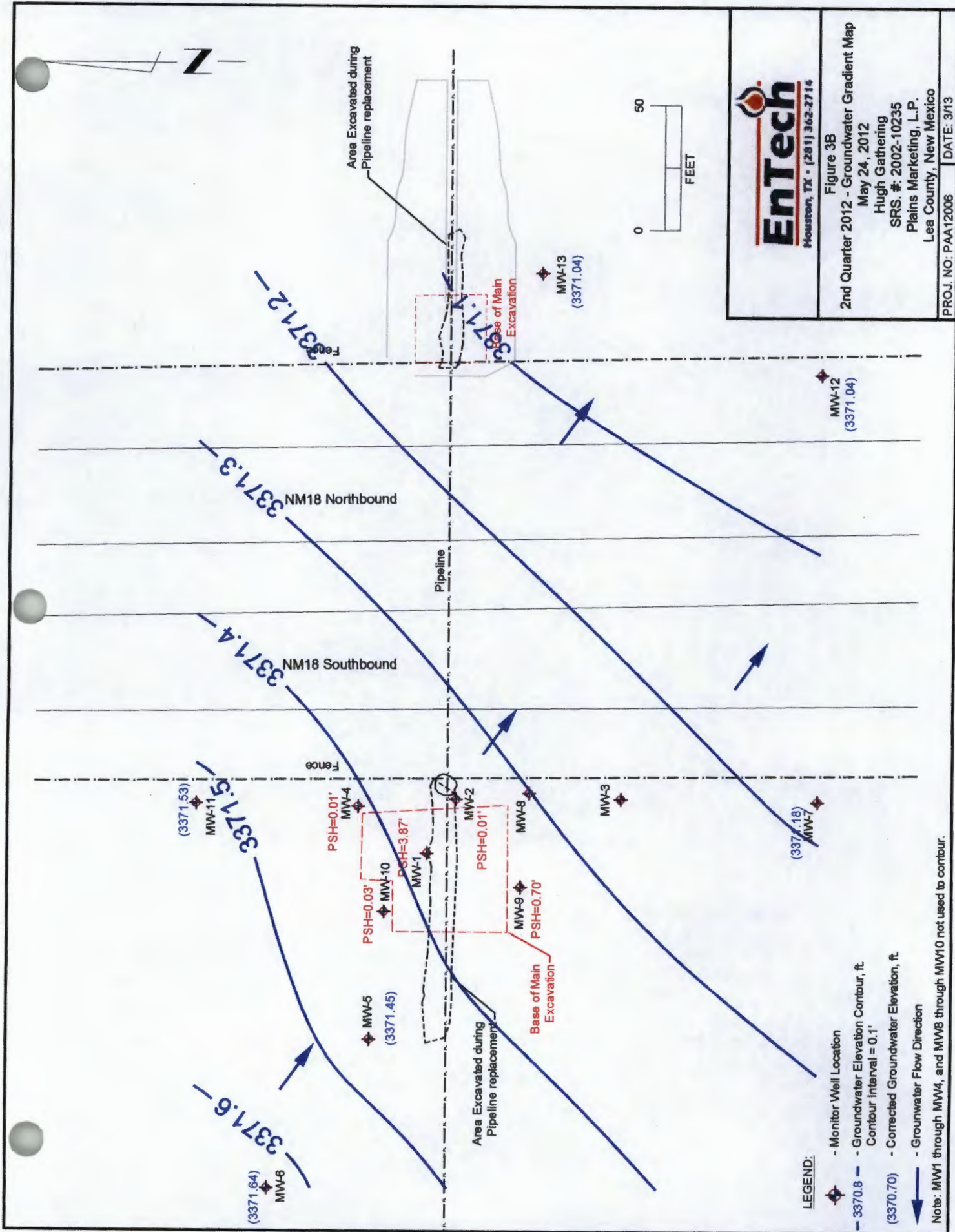
PROJ. NO: PAA12006 DATE: 2/13

LEGEND:

◆ -Monitor Well Location

Source of Basemap: EarthCon





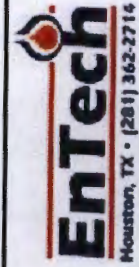
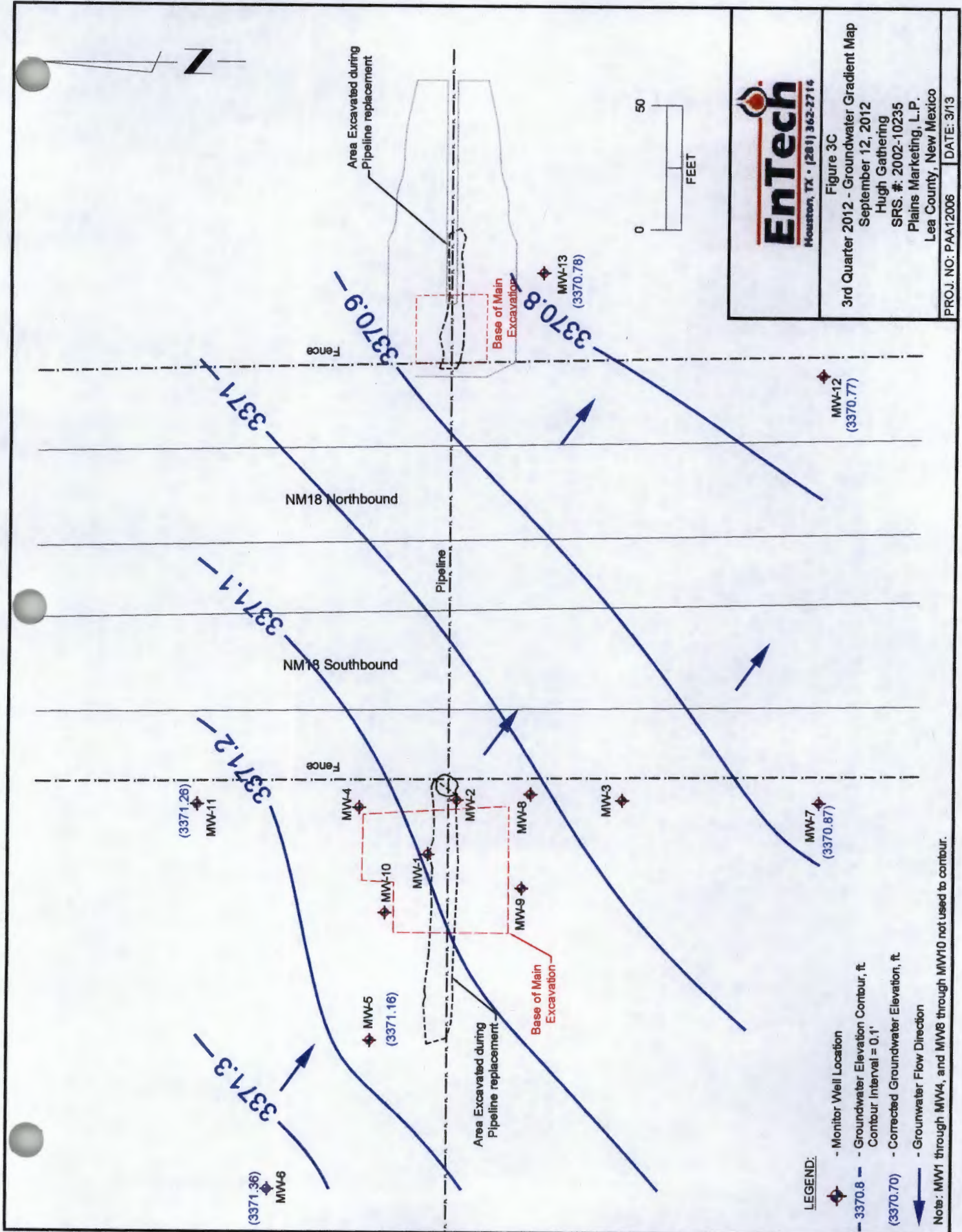
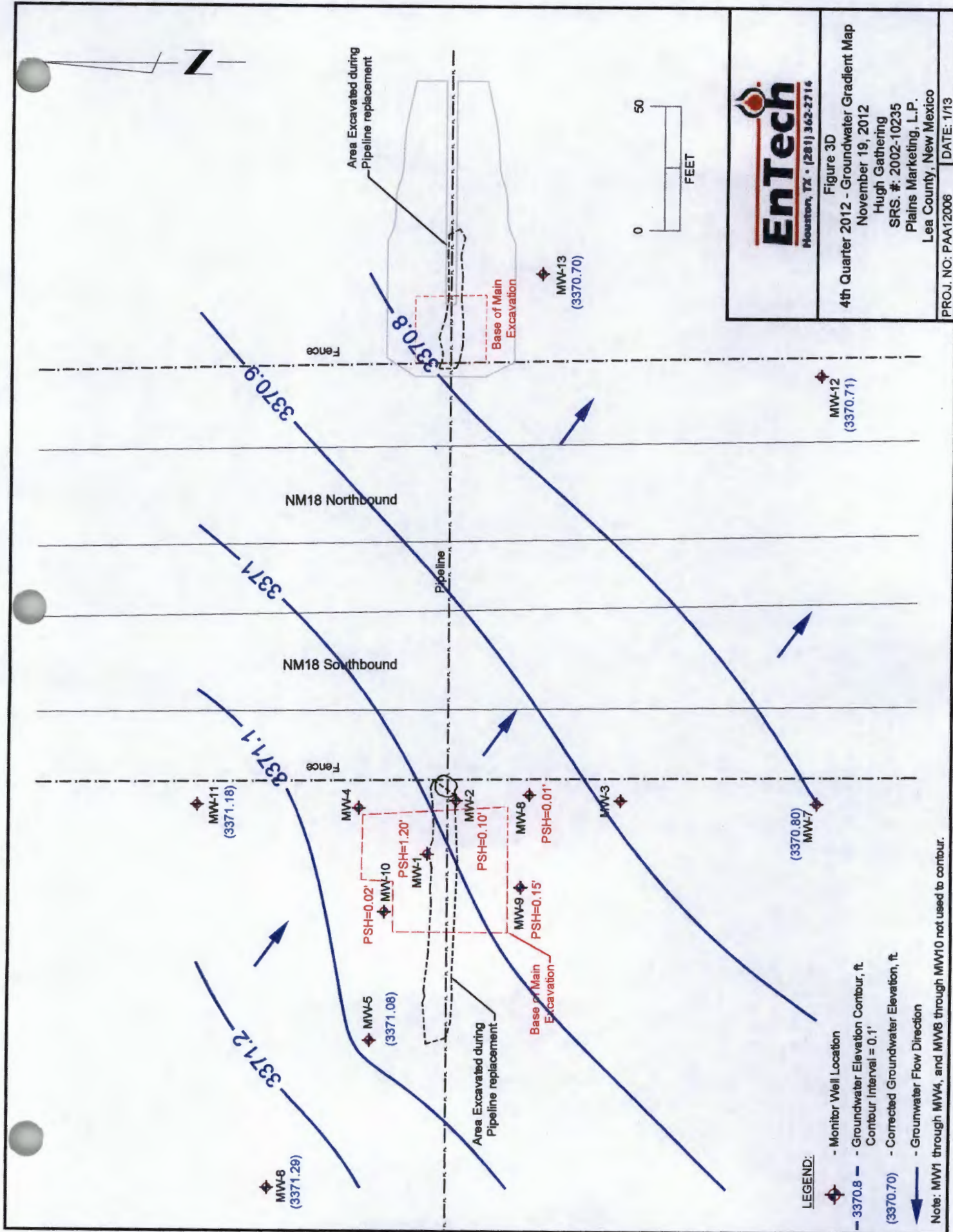


Figure 3C
 3rd Quarter 2012 - Groundwater Gradient Map
 September 12, 2012
 Hugh Gattering
 SRS #: 2002-10235
 Plains Marketing, L.P.
 Lea County, New Mexico
 PROJ. NO: PAA12006 DATE: 3/13







Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-11	02/23/12	<0.0010	<0.0010	<0.0010	<0.0030

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-6	02/23/12	<0.0010	<0.0010	<0.0010	<0.0030

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	02/23/12	0.0014	0.0046	0.076	0.038

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-13	02/23/12	0.66	<0.0050	<0.0050	<0.015

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	02/23/12	0.007	<0.0010	<0.0010	<0.0030

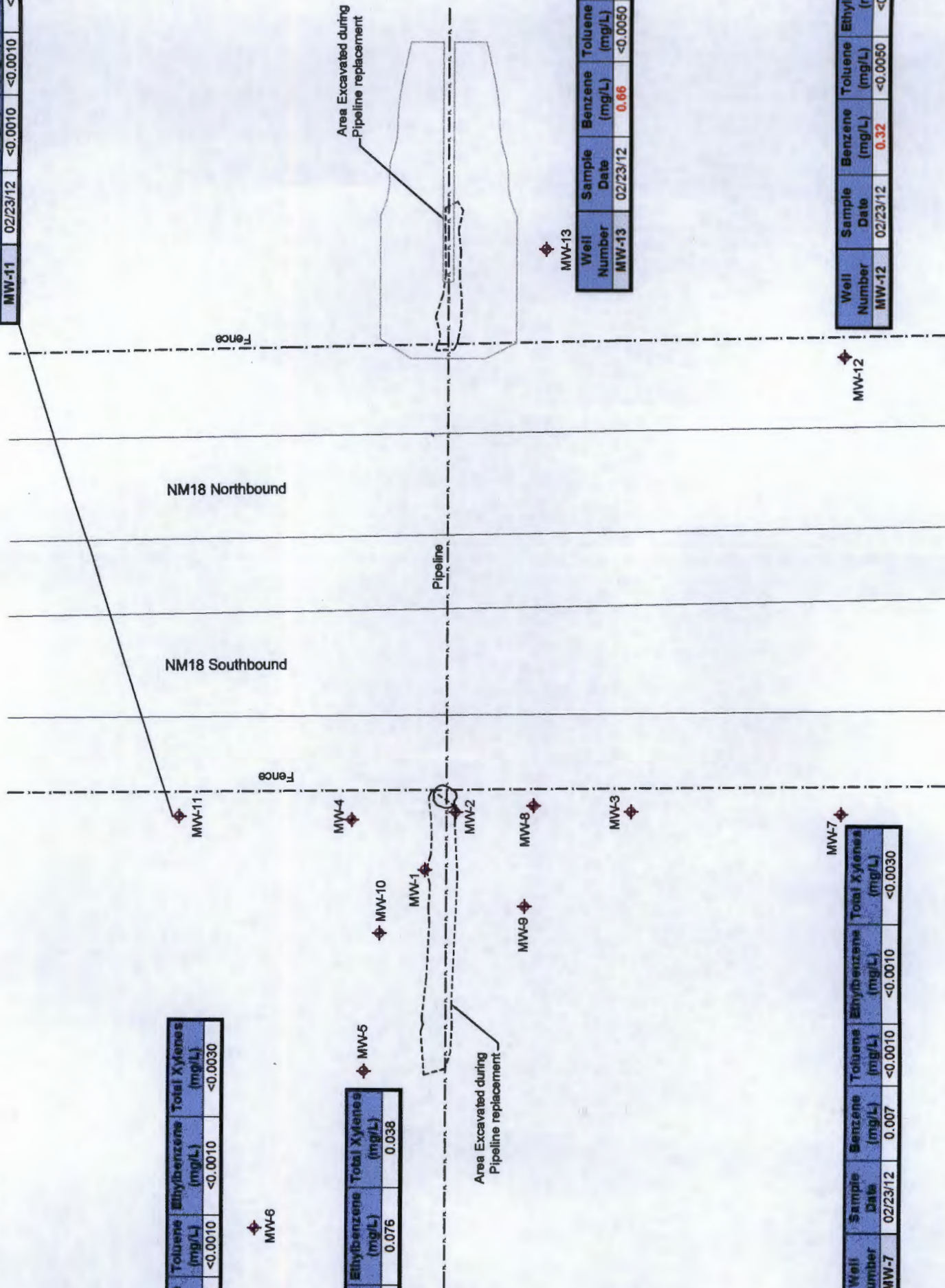
Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-12	02/23/12	0.32	<0.0050	<0.0050	0.025

LEGEND:

◆ - Monitor Well Location

Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
0.01	0.75	0.75	0.62

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



Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-4	05/24/12	0.38	<0.0050	0.25	0.076

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-10	05/24/12	0.28	0.0083	0.059	0.057

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-6	05/24/12	<0.0010	<0.0010	<0.0010	<0.0030

MW-6

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	05/24/12	0.0026	0.0032	0.14	0.065

MW-5

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-9	05/24/12	6.0	3.0	1.1	2.2

MW-9

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-8	05/24/12	3.7	<0.001	0.49	0.39

MW-8

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	05/24/12	0.014	<0.0010	<0.0010	<0.0030

MW-7

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-11	05/24/12	<0.0010	<0.0010	<0.0010	<0.0030

NM18 Southbound

NM18 Northbound

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-1	05/24/12	3.6	1.5	0.8	1.7

Area Excavated during Pipeline replacement

Pipeline

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-13	05/24/12	0.81	<0.0050	<0.0050	<0.015

MW-13

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-2	05/24/12	1.9	0.061	0.41	0.4

MW-12

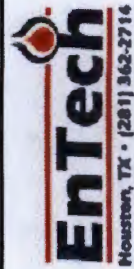
Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-12	05/24/12	0.32	<0.0010	<0.0010	0.03

LEGEND:

Monitor Well Location

Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
0.01	0.75	0.75	0.52

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



Houston, TX • (281) 362-2714

Figure 4B

2nd Quarter 2012 Groundwater Analytical Map

May 24, 2012

Hugh Gathering

SRS #: 2002-10235

Plains Marketing, L.P.

Lea County, New Mexico

PROJ. NO: PAA12006

DATE: 1/13



Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-11	09/12/12	0.0015	<0.0010	<0.0010	<0.0030

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-6	09/12/12	0.56 J	<0.0010	<0.0010	<0.0030

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	09/12/12	0.0013	0.0025	0.097	0.043

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-13	09/12/12	0.63	<0.0050	<0.0050	3.6 J

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	09/12/12	0.018	<0.0010	<0.0010	0.0016 J

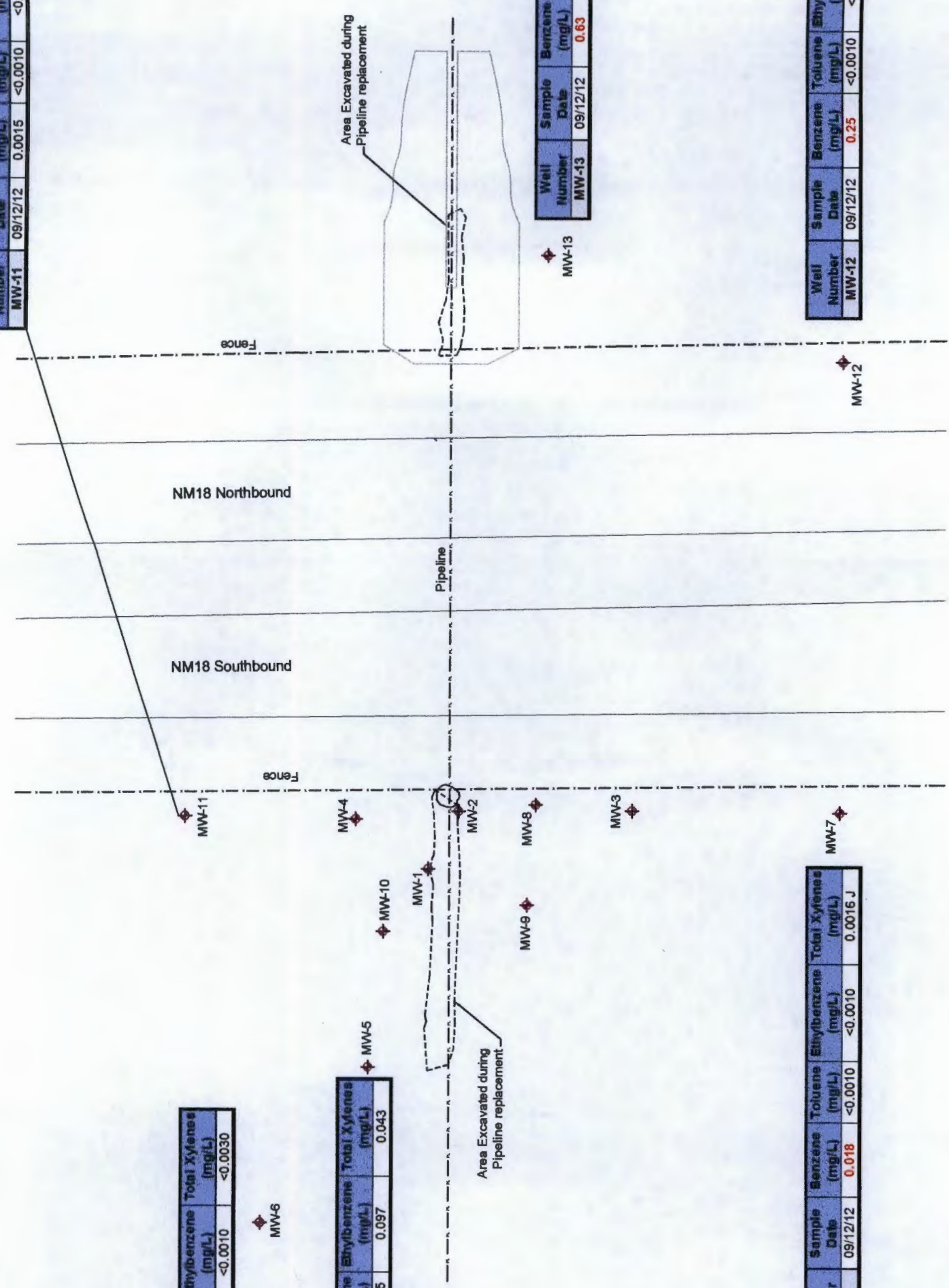
Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-12	09/12/12	0.25	<0.0010	<0.0010	0.023

LEGEND:

Monitor Well Location

Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
0.01	0.75	0.75	0.62

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





Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-11	11/19/12	<0.001	<0.0010	<0.0010	<0.0030

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-6	11/19/12	<0.0010	<0.0010	<0.0010	<0.0030

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	11/19/12	0.0011	<0.001	0.056	0.014

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-13	11/19/12	0.01	<0.0010	<0.0010	<0.0030

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-12	11/19/12	0.0022	<0.0010	<0.0010	<0.0030

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	11/19/12	<0.001	<0.0010	<0.0010	<0.0030

LEGEND:

◆ - Monitor Well Location

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

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

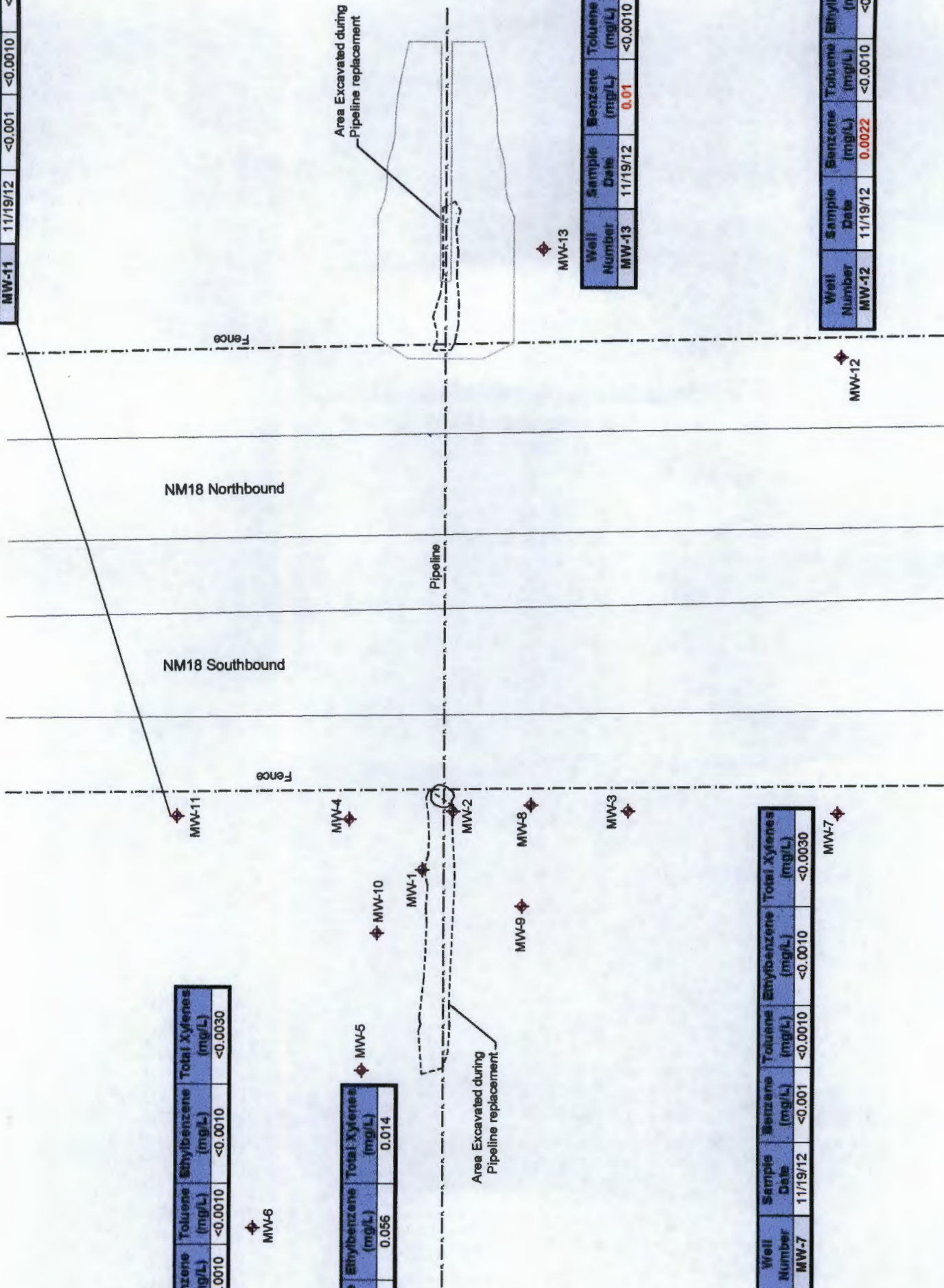
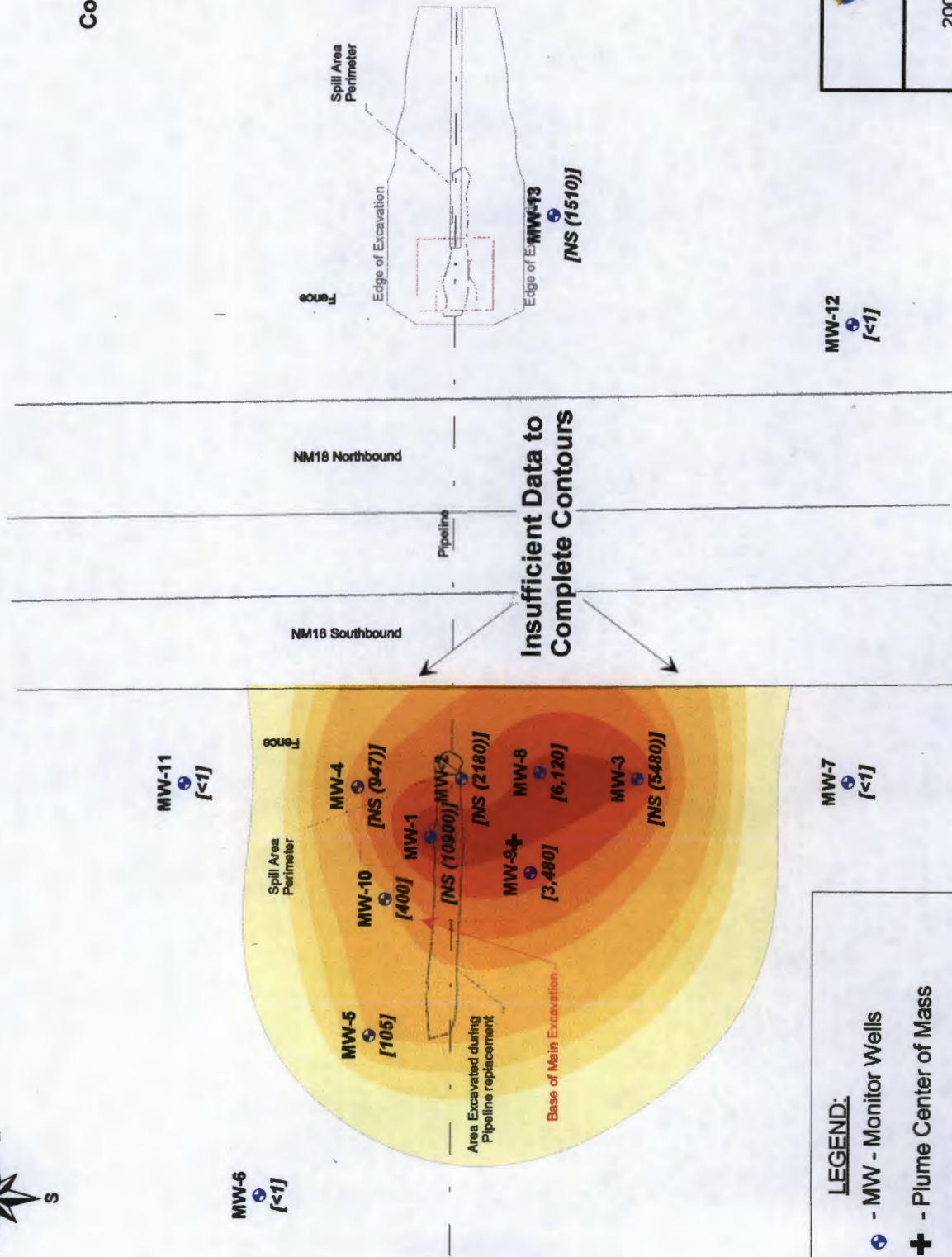
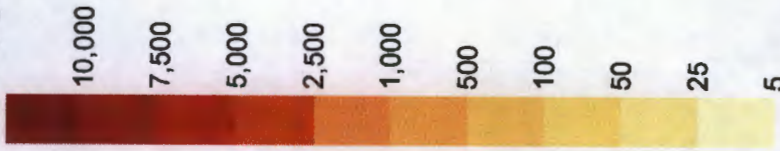


Figure 4D
4th Quarter 2012 Groundwater Analytical Map
November 19, 2012
Hugh Gathering
SRS #: 2002-10235
Plains Marketing, L.P.
Lea County, New Mexico
PROJ. NO: PAA12006 | DATE: 1/13



Concentration (ug/l)



LEGEND:

- MW + - MW - Monitor Wells
- + - Plume Center of Mass
- [2] - Benzene Concentration in ug/L
- NS (880) - Well Not Sampled, Assumed Concentration (ug/l)

MW-12
+
[<1]

MW-7
+
[<1]

MW-11
+
[<1]

MW-5
+
[<1]

MW-5
+
[105]

MW-10
+
[400]

MW-4
+
[NS (947)]

MW-1
+
[NS (10900)]

MW-2
+
[NS (2180)]

MW-8
+
[6,120]

MW-3
+
[NS (3480)]

MW-8
+
[3,480]

0 FT 60 FT 120 FT

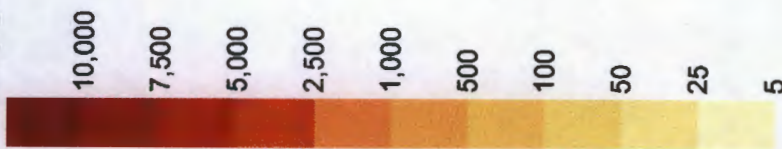


Figure 5
2007 Benzene Isopleth Map
Plains Pipeline, L.P.
Hugh Gathering
SRS. No.: 2002-10235
Lea County, New Mexico

PROJ. NO: 207032.00 ELW DATE: 01/12



Concentration (ug/l)



MW-11
[<1]

MW-6
[<1]

Spill Area
Perimeter

MW-5
[24]

MW-10
[400]

MW-4
[947]

MW-1
[10,900]

MW-2
[2,180]

MW-8
[3,480]

MW-3
[6,120]

MW-3
[5,480]

Area Excavated during
Pipeline replacement

Base of Main Excavation

NM18 Southbound

NM18 Northbound

Pipeline

Insufficient Data to
Complete Contours

Fence

Edge of Excavation

Edge of Excavation

MW-13
[1,510]

MW-7
[<1]

MW-12
[<1]

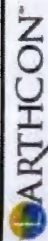
LEGEND:

MW + - MW - Monitor Wells

+ - Plume Center of Mass

[2] - Benzene Concentration in ug/L

NS (880) - Well Not Sampled, Assumed
Concentration (ug/l)



Environmental Challenges
BUSINESS SOLUTIONS

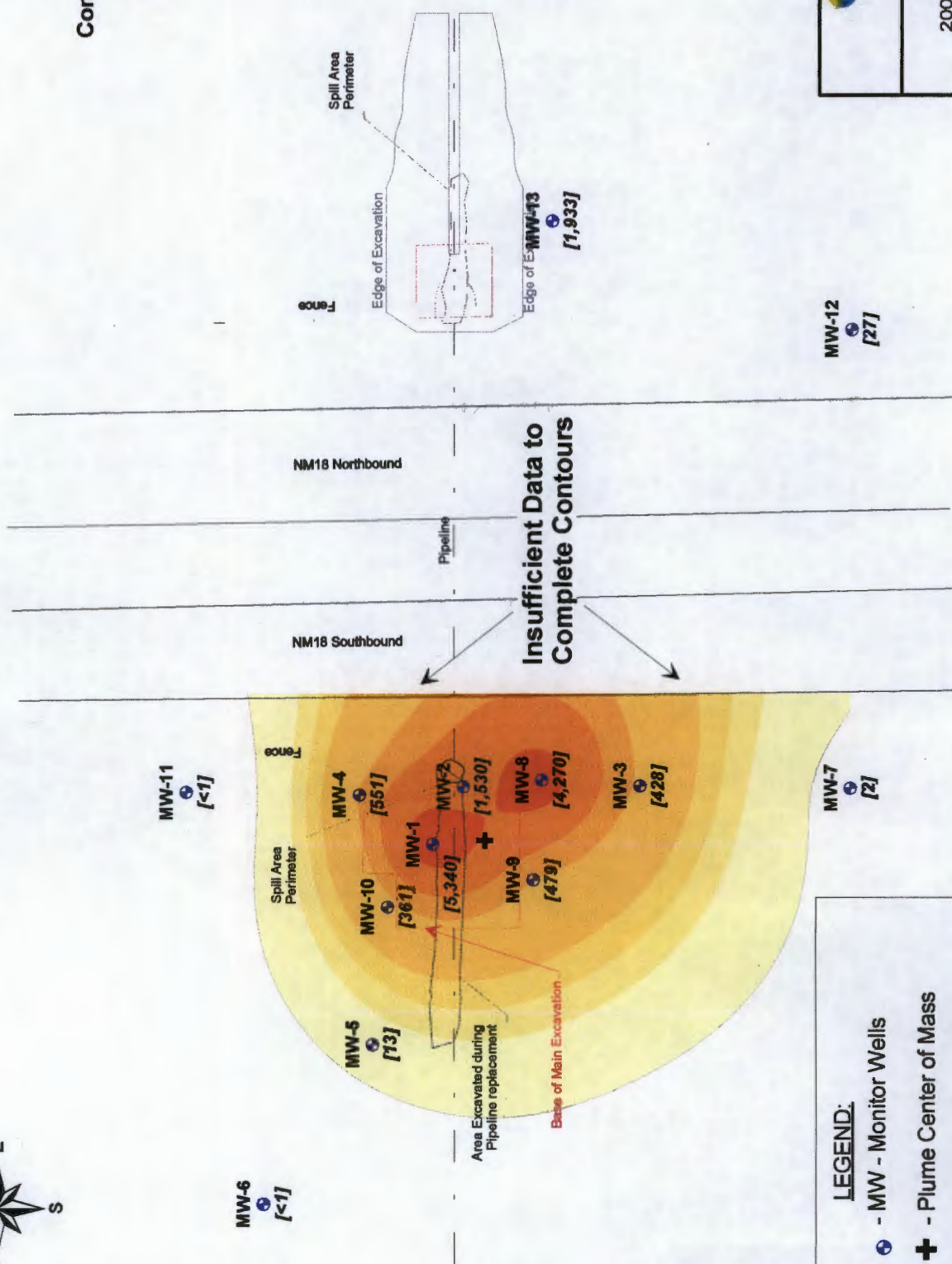
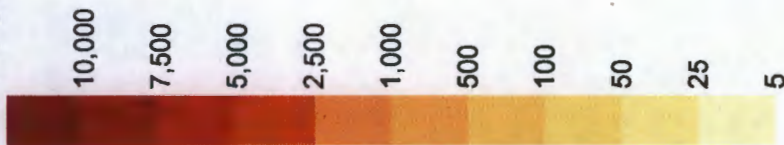
Figure 6
2008 Benzene Isopleth Map
Plains Pipeline, L.P.
Hugh Gathering
SRS. No.: 2002-10235
Lea County, New Mexico



PROJ. NO: 207032.00 ELW DATE: 01/12



Concentration (ug/l)



LEGEND:

- MW + - MW - Monitor Wells
- + - Plume Center of Mass
- [2] - Benzene Concentration in ug/L
- NS (880) - Well Not Sampled, Assumed Concentration (ug/l)

MW-12
[27]

MW-7
[2]

MW-13
[1,933]

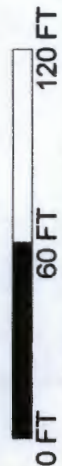
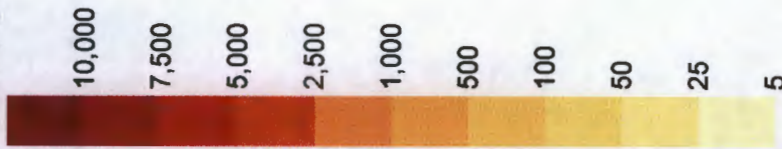


Figure 7
2009 Benzene Isopleth Map
Plains Pipeline, L.P.
Hugh Gathering
SRS. No.: 2002-10235
Lea County, New Mexico

PROJ. NO: 207032.00 ELW DATE: 01/12



Concentration (ug/l)



MW-11
[0.3]

MW-6
[<1]

Spill Area
Perimeter

MW-5
[7]

MW-4
[640]

MW-10
[470]

MW-1
[6900]

MW-2
[1700]

MW-8
[5100]

MW-9
[910]

MW-3
[150]

MW-7
[3]

MW-12
[220]

MW-13
[1665]

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MW-241
[1665]

MW-242
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MW-243
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MW-244
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MW-245
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MW-246
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MW-247
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MW-248
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MW-250
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MW-251
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MW-252
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MW-255
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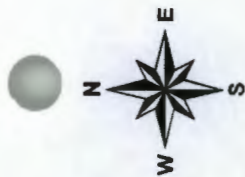
MW-256
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MW-257
[1665]

MW-258
[1665]

MW-259
[1665]

MW-260
[1665]



Concentration (ug/l)

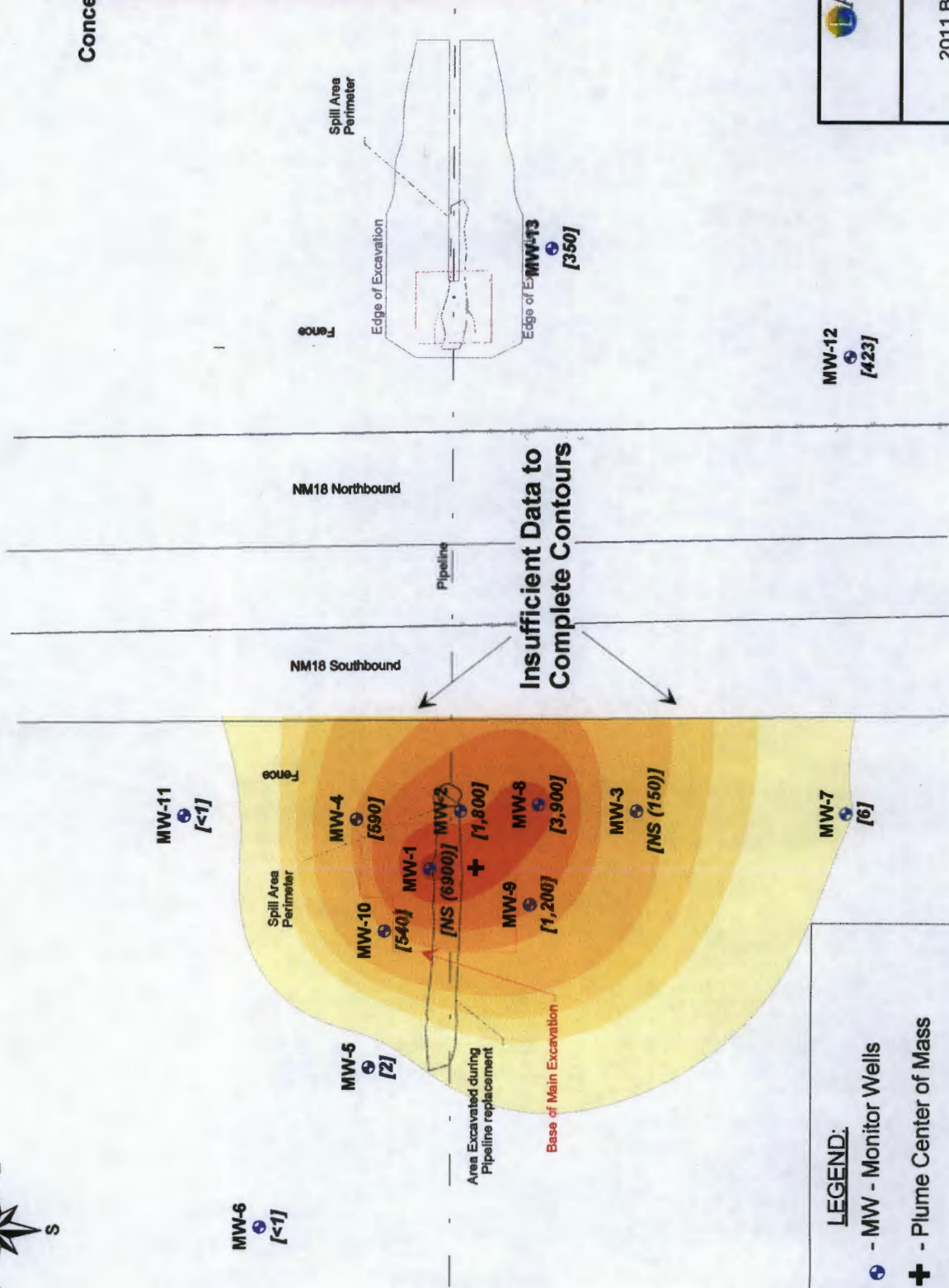
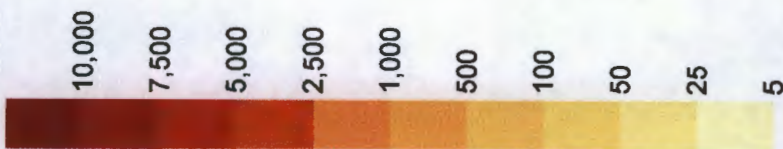
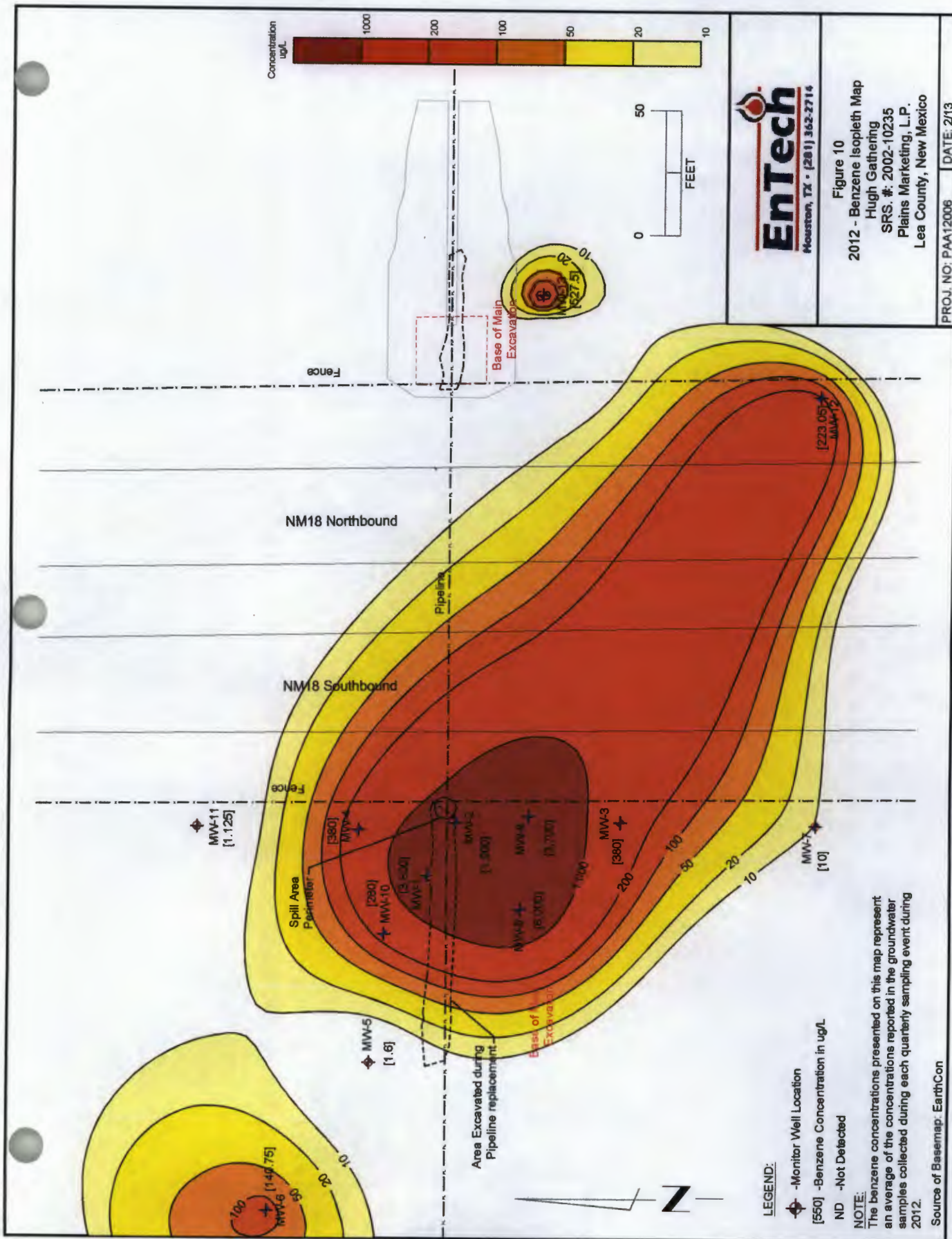


Figure 9
2011 Benzene Isopleth Map
Plains Pipeline, L.P.
Hugh Gathers
SRS. No.: 2002-10235
Lea County, New Mexico

PROJ. NO.: 207032.00 ELW DATE: 01/12



TABLES

Table 1	2012 Well Survey Data and Groundwater Elevations
Table 2	Historical Well Survey Data and Groundwater Elevations
Table 3	2012 Groundwater Analytical Results
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Table 6	2012 Monthly PSH and Dissolved Phase Groundwater Recovery Data

TAB L- 1
2012 WELL SURVEY DATA AND GROUNDWATER ELEVATION
 Plains Marketing, L.P.
 Hugh Gathering
 SRS #2002-10235
 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		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	02/23/12	3429.95	57.74	61.89	4.15	NA	NA	NA	3371.59	
MW-1	05/24/12	3429.95	57.83	61.70	3.87	NA	NA	NA	3371.54	
MW-1	09/12/12	3429.95	NG	NG	NG	NA	NA	NA	NG	
MW-1	11/19/12	3429.95	58.50	59.70	1.20	NA	NA	NA	3371.27	
MW-2	02/23/12	3429.97	58.50	58.54	0.04	NA	NA	NA	3371.46	
MW-2	05/24/12	3429.97	58.60	58.61	0.01	NA	NA	NA	3371.37	
MW-2	09/12/12	3429.97	ND	58.78	ND	NA	NA	NA	3371.19	
MW-2	11/19/12	3429.97	58.82	58.92	0.10	NA	NA	NA	3371.14	
MW-3	02/23/12	3429.89	ND	58.66	ND	NA	NA	NA	3371.23	
MW-3	05/24/12	3429.89	ND	58.73	ND	NA	NA	NA	3371.16	
MW-3	09/12/12	3429.89	ND	58.90	ND	NA	NA	NA	3370.99	
MW-3	11/19/12	3429.89	ND	58.96	ND	NA	NA	NA	3370.93	
MW-4	02/23/12	3430.36	58.94	58.95	0.01	NA	NA	NA	3371.42	
MW-4	05/24/12	3430.36	59.02	59.03	0.01	NA	NA	NA	3371.34	
MW-4	09/12/12	3430.36	ND	59.20	ND	NA	NA	NA	3371.16	
MW-4	11/19/12	3430.36	ND	59.15	ND	NA	NA	NA	3371.21	
MW-5	02/23/12	3428.93	ND	57.36	ND	NA	NA	NA	3371.57	
MW-5	05/24/12	3428.93	ND	57.48	ND	NA	NA	NA	3371.45	
MW-5	09/12/12	3428.93	ND	57.77	ND	NA	NA	NA	3371.16	
MW-5	11/19/12	3428.93	ND	57.85	ND	NA	NA	NA	3371.08	
MW-6	02/23/12	3429.24	ND	57.51	ND	NA	NA	NA	3371.73	
MW-6	05/24/12	3429.24	ND	57.60	ND	NA	NA	NA	3371.64	
MW-6	09/12/12	3429.24	ND	57.88	ND	NA	NA	NA	3371.36	
MW-6	11/19/12	3429.24	ND	57.95	ND	NA	NA	NA	3371.29	
MW-7	02/23/12	3429.80	ND	58.57	ND	NA	NA	NA	3371.23	
MW-7	05/24/12	3429.80	ND	58.62	ND	NA	NA	NA	3371.18	
MW-7	09/12/12	3429.80	ND	58.93	ND	NA	NA	NA	3370.87	
MW-7	11/19/12	3429.8	ND	59.00	ND	NA	NA	NA	3370.80	

TAB.LL 1
2012 WELL SURVEY DATA AND GROUNDWATER ELEVATION
 Plains Marketing, L.P.
 Hugh Gathering
 SRS #2002-10235
 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		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-8	02/23/12	3430.21	58.79	58.80	0.01	NA	NA	NA	3371.42	
MW-8	05/24/12	3430.21	ND	58.88	ND	NA	NA	NA	3371.33	
MW-8	09/12/12	3430.21	ND	59.08	ND	NA	NA	NA	3371.13	
MW-8	11/19/12	3430.21	59.14	59.15	0.01	NA	NA	NA	3371.07	
MW-9	02/23/12	3429.88	58.42	58.81	0.39	NA	NA	NA	3371.40	
MW-9	05/24/12	3429.88	58.44	59.14	0.70	NA	NA	NA	3371.34	
MW-9	09/12/12	3429.88	ND	58.60	ND	NA	NA	NA	3371.28	
MW-9	11/19/12	3429.88	58.78	58.93	0.15	NA	NA	NA	3371.08	
MW-10	02/23/12	3430.65	59.14	59.15	0.01	NA	NA	NA	3371.51	
MW-10	05/24/12	3430.65	59.22	59.25	0.03	NA	NA	NA	3371.43	
MW-10	09/12/12	3430.65	ND	59.43	ND	NA	NA	NA	3371.22	
MW-10	11/19/12	3430.65	59.48	59.50	0.02	NA	NA	NA	3371.17	
MW-11	02/23/12	3430.94	ND	59.33	ND	NA	NA	NA	3371.61	
MW-11	05/24/12	3430.94	ND	59.41	ND	NA	NA	NA	3371.53	
MW-11	09/12/12	3430.94	ND	59.68	ND	NA	NA	NA	3371.26	
MW-11	11/19/12	3430.94	ND	59.76	ND	NA	NA	NA	3371.18	
MW-12	02/23/12	3426.47	ND	55.32	ND	NA	NA	NA	3371.15	
MW-12	05/24/12	3426.47	ND	55.43	ND	NA	NA	NA	3371.04	
MW-12	09/12/12	3426.47	ND	55.70	ND	NA	NA	NA	3370.77	
MW-12	11/19/12	3426.47	ND	55.76	ND	NA	NA	NA	3370.71	
MW 13	02/23/12	3431.13	ND	60.02	ND	NA	NA	NA	3371.11	
MW 13	05/24/12	3431.13	ND	60.09	ND	NA	NA	NA	3371.04	
MW 13	09/12/12	3431.13	ND	60.35	ND	NA	NA	NA	3370.78	
MW 13	11/19/12	3431.13	ND	60.43	ND	NA	NA	NA	3370.70	

NA: Not applicable
 ND: Not detected
 NG: Not Gauged

TAL 2
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	02/21/07	3429.95	56.80	61.20	4.40	NA	NA	NA	3372.49	
MW-1	03/07/07	3429.95	56.75	61.25	4.50	NA	NA	NA	3372.53	
MW-1	03/14/07	3429.95	56.80	61.29	4.49	Hand Bailed	1.25	0.25	3372.48	
MW-1	03/14/07	3429.95	57.55	57.75	0.20	NA	NA	NA	3372.37	
MW-1	03/21/07	3429.95	57.00	61.00	4.00	Hand Bailed	1.00	0.50	3372.35	
MW-1	03/21/07	3429.95	57.86	57.90	0.04	NA	NA	NA	3372.08	
MW-1	03/28/07	3429.95	57.24	61.82	4.58	NA	NA	NA	3372.02	
MW-1	03/28/07	3429.95	57.45	57.65	0.20		1.00	0.25	3372.47	Installed Sock
MW-1	04/03/07	3429.95	57.04	59.98	2.94	NA	NA	NA	3372.47	Removed Sock
MW-1	04/10/07	3429.95	57.02	60.01	2.99	NA	NA	NA	3372.48	No Sock
MW-1	04/18/07	3429.95	56.82	60.80	3.98	NA	NA	NA	3372.53	No Sock
MW-1	04/24/07	3429.95	57.03	60.79	3.76	NA	NA	NA	3372.36	No Sock
MW-1	05/03/07	3429.95	56.87	60.40	3.53	NA	NA	NA	3372.55	No Sock
MW-1	05/11/07	3429.95	57.00	59.95	2.95	NA	NA	NA	3372.51	No Sock
MW-1	05/16/07	3429.95	57.20	59.20	2.00	NA	NA	NA	3372.45	No Sock
MW-1	05/16/07	3429.95	ND	57.80	ND		0.00	100.00	3372.15	No Sock
MW-1	05/23/07	3429.95	56.16	59.30	3.14	NA	NA	NA	3373.32	No Sock
MW-1	05/23/07	3429.95	ND	64.40	ND		0.00	80.00	3365.55	No Sock
MW-1	05/31/07	3429.95	57.10	59.28	2.18	NA	NA	NA	3372.52	No Sock
MW-1	06/06/07	3429.95	57.08	59.86	2.78	NA	NA	NA	3372.45	No Sock
MW-1	06/06/07	3429.95	59.92	60.09	0.17		0.00	30.00	3370.00	No Sock
MW-1	06/13/07	3429.95	57.08	59.38	2.30	NA	NA	NA	3372.53	No Sock
MW-1	06/19/07	3429.95	56.94	60.00	3.06	Hand Bailed	0.75	0.00	3372.55	
MW-1	06/19/07	3429.95	57.50	57.60	0.10	NA	NA	NA	3372.44	No Sock
MW-1	06/27/07	3429.95	57.42	59.68	2.26	Hand Bailed	0.50	0.00	3372.19	
MW-1	06/27/07	3429.95	57.49	57.53	0.04	NA	NA	NA	3372.45	No Sock
MW-1	07/05/07	3429.95	56.97	59.92	2.95	Hand Bailed	1.00	0.00	3372.54	
MW-1	07/05/07	3429.95	57.50	57.73	0.23	NA	NA	NA	3372.42	No Sock
MW-1	07/11/07	3429.95	57.21	59.74	2.53	Hand Bailed	0.75	0.00	3372.36	
MW-1	07/11/07	3429.95	57.77	57.98	0.21	NA	NA	NA	3372.15	No Sock
MW-1	07/19/07	3429.95	56.90	60.22	3.32	Hand Bailed	1.00	0.00	3372.55	
MW-1	07/19/07	3429.95	57.60	57.75	0.15	NA	NA	NA	3372.33	No Sock

TAL 2
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	07/24/07	3429.95	56.82	60.24	3.42	Hand Bailed	1.00	0.00	3372.62	
MW-1	07/24/07	3429.95	57.55	57.86	0.31	NA	NA	NA	3372.35	No Sock
MW-1	07/31/07	3429.95	56.71	60.28	3.57	NA	NA	NA	3372.70	No Sock
MW-1	08/09/07	3429.95	56.60	60.36	3.76	Hand Bailed	1.00	0.00	3372.79	
MW-1	08/09/07	3429.95	57.60	57.82	0.22	NA	NA	NA	3372.32	No Sock
MW-1	08/16/07	3429.95	57.21	59.74	2.53	NA	NA	NA	3372.36	No Sock
MW-1	08/22/07	3429.95	56.23	60.34	4.11	Hand Bailed	1.00	0.00	3373.10	
MW-1	08/22/07	3429.95	57.71	57.88	0.17	NA	NA	NA	3372.21	No Sock
MW-1	08/28/07	3429.95	55.94	60.35	4.41	Hand Bailed	1.00	0.00	3373.35	
MW-1	08/28/07	3429.95	57.52	57.68	0.16	NA	NA	NA	3372.41	No Sock
MW-1	09/06/07	3429.95	55.71	60.18	4.47	NA	NA	NA	3373.57	No Sock
MW-1	09/13/07	3429.95	56.90	60.96	4.06	NA	NA	NA	3372.44	No Sock
MW-1	09/13/07	3429.95	57.78	58.00	0.22	Hand Bailed	1.00	0.00	3372.14	
MW-1	09/18/07	3429.95	56.80	60.76	3.96	NA	NA	NA	3372.56	No Sock
MW-1	09/18/07	3429.95	57.90	57.97	0.07	Hand Bailed	1.00	0.00	3372.04	
MW-1	09/26/07	3429.95	56.76	60.83	4.07	NA	NA	NA	3372.58	No Sock
MW-1	10/04/07	3429.95	56.42	60.88	4.46	Hand Bailed	1.00	0.00	3372.86	
MW-1	10/04/07	3429.95	57.00	57.12	0.12	NA	NA	NA	3372.93	No Sock
MW-1	10/10/07	3429.95	56.91	60.29	3.38	Hand Bailed	1.00	50.00	3372.53	
MW-1	10/10/07	3429.95	57.75	57.77	0.02	NA	NA	NA	3372.20	No Sock
MW-1	10/17/07	3429.95	56.81	60.34	3.53	Hand Bailed	1.00	50.00	3372.61	
MW-1	10/17/07	3429.95	57.91	57.96	0.05	NA	NA	NA	3372.03	No Sock
MW-1	10/24/07	3429.95	56.95	60.15	3.20	Hand Bailed	1.00	50.00	3372.52	
MW-1	10/24/07	3429.95	57.60	57.65	0.05	NA	NA	NA	3372.34	No Sock
MW-1	10/31/07	3429.95	57.00	59.77	2.77	Hand Bailed	1.00	30.00	3372.53	
MW-1	10/31/07	3429.95	ND	57.60	ND	NA	NA	NA	3372.35	No Sock
MW-1	11/07/07	3429.95	57.00	59.77	2.77	Hand Bailed	1.00	39.00	3372.53	
MW-1	11/07/07	3429.95	57.50	57.53	0.03	NA	NA	NA	3372.45	No Sock
MW-1	11/13/07	3429.95	56.98	60.04	3.06	NA	NA	NA	3372.51	No Sock
MW-1	11/20/07	3429.95	56.84	60.10	3.26	Hand Bailed	1.00	3.00	3372.62	
MW-1	11/20/07	3429.95	57.68	57.74	0.06	NA	NA	NA	3372.26	No Sock
MW-1	11/27/07	3429.95	56.80	60.15	3.35	Hand Bailed	1.00	8.00	3372.65	

TAL 2
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	11/27/07	3429.95	57.62	57.66	0.04	NA	NA	NA	3372.32	No Sock
MW-1	12/05/07	3429.95	56.72	60.12	3.40	Hand Bailed	1.00	8.00	3372.72	
MW-1	12/05/07	3429.95	57.56	57.62	0.06	NA	NA	NA	3372.38	No Sock
MW-1	12/12/07	3429.95	56.68	60.14	3.46	Hand Bailed	1.00	8.00	3372.75	
MW-1	12/12/07	3429.95	57.40	57.42	0.02	NA	NA	NA	3372.55	No Sock
MW-1	12/18/07	3429.95	57.00	60.27	3.27	Hand Bailed	1.00	8.00	3372.46	
MW-1	12/18/07	3429.95	57.60	57.62	0.02	NA	NA	NA	3372.35	No Sock
MW-1	12/27/07	3429.95	56.92	60.33	3.41	Hand Bailed	1.00	8.00	3372.52	
MW-1	12/27/07	3429.95	57.41	57.50	0.09	NA	NA	NA	3372.53	No Sock
MW-1	01/03/08	3429.95	56.90	60.83	3.93	Hand Bailed	1.00	8.00	3372.46	
MW-1	01/03/08	3429.95	57.75	57.83	0.08	NA	NA	NA	3372.19	No Sock
MW-1	01/09/08	3429.95	56.85	60.65	3.80	Hand Bailed	1.00	8.00	3372.53	
MW-1	01/09/08	3429.95	ND	58.07	ND	NA	NA	NA	3371.88	No Sock
MW-1	01/17/08	3429.95	56.98	59.95	2.97	Hand Bailed	1.00	19.00	3372.52	
MW-1	01/17/08	3429.95	60.05	60.10	0.05	NA	NA	NA	3369.89	No Sock
MW-1	01/23/08	3429.95	57.04	59.44	2.40	NA	NA	NA	3372.55	No Sock
MW-1	01/30/08	3429.95	56.93	60.12	3.19	Hand Bailed	4.00	20.00	3372.54	
MW-1	01/30/08	3429.95	58.42	58.89	0.47	NA	NA	NA	3371.46	No Sock
MW-1	02/06/08	3429.95	56.73	60.22	3.49	Hand Bailed	4.00	20.00	3372.70	
MW-1	02/06/08	3429.95	58.65	58.67	0.02	NA	NA	NA	3371.30	No Sock
MW-1	02/13/08	3429.95	56.91	60.00	3.09	Hand Bailed	4.00	20.00	3372.58	
MW-1	02/13/08	3429.95	56.55	56.60	0.05	NA	NA	NA	3373.39	No Sock
MW-1	02/19/08	3429.95	57.10	59.24	2.14	Hand Bailed	4.00	20.00	3372.53	
MW-1	02/19/08	3429.95	ND	61.30	ND	NA	NA	NA	3368.65	No Sock
MW-1	02/27/08	3429.95	57.03	59.25	2.22	NA	NA	NA	3372.59	No Sock
MW-1	03/04/08	3429.95	56.96	59.75	2.79	Hand Bailed	2.00	13.00	3372.57	
MW-1	03/04/08	3429.95	60.04	60.07	0.03	NA	NA	NA	3369.91	No Sock
MW-1	03/12/08	3429.95	57.05	59.37	2.32	Hand Bailed	1.50	18.50	3372.55	
MW-1	03/12/08	3429.95	ND	58.00	ND	NA	NA	NA	3371.95	No Sock
MW-1	03/19/08	3429.95	57.20	59.13	1.93	Hand Bailed	1.00	19.00	3372.46	
MW-1	03/19/08	3429.95	ND	59.91	ND	NA	NA	NA	3370.04	No Sock
MW-1	03/26/08	3429.95	56.96	59.75	2.79	NA	NA	NA	3372.57	No Sock

TAL 2

HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.
 Hugh Gathering
 SRS #2002-10235
 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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	03/26/08	3429.95	ND	61.00	ND	Hand Bailed	1.00	19.00	3368.95	
MW-1	04/02/08	3429.95	57.08	59.28	2.20	NA	NA	NA	3372.54	No Sock
MW-1	04/02/08	3429.95	58.10	58.12	0.02	Hand Bailed	1.00	19.00	3371.85	5 hours after
MW-1	04/02/08	3429.95	57.37	57.42	0.05	NA	NA	NA	3372.57	5 hours after
MW-1	04/09/08	3429.95	57.09	59.00	1.91	Hand Bailed	2.00	14.00	3372.57	
MW-1	04/09/08	3429.95	ND	59.61	ND	NA	NA	NA	3370.34	No Sock
MW-1	04/16/08	3429.95	57.14	59.06	1.92	Hand Bailed	2.00	14.00	3372.52	
MW-1	04/16/08	3429.95	ND	59.42	ND	NA	NA	NA	3370.53	No Sock
MW-1	04/24/08	3429.95	57.00	59.60	2.60	Hand Bailed	4.00	16.00	3372.56	
MW-1	04/24/08	3429.95	ND	57.70	ND	NA	NA	NA	3372.25	No Sock
MW-1	04/30/08	3429.95	57.10	58.96	1.86	Hand Bailed	2.00	18.00	3372.57	
MW-1	04/30/08	3429.95	ND	60.30	ND	NA	NA	NA	3369.65	No Sock
MW-1	05/07/08	3429.95	57.06	59.03	1.97	Hand Bailed	2.00	18.00	3372.59	
MW-1	05/07/08	3429.95	ND	60.22	ND	NA	NA	NA	3369.73	No Sock
MW-1	05/14/08	3429.95	57.07	59.06	1.99	Hand Bailed	2.00	18.00	3372.58	
MW-1	05/14/08	3429.95	ND	60.31	ND	NA	NA	NA	3369.64	No Sock
MW-1	05/20/08	3429.95	57.04	59.01	1.97	Hand Bailed	2.00	18.00	3372.61	
MW-1	05/20/08	3429.95	ND	60.02	ND	NA	NA	NA	3369.93	No Sock
MW-1	05/29/08	3429.95	57.00	59.08	2.08	Hand Bailed	2.00	3.00	3372.64	
MW-1	05/29/08	3429.95	ND	60.12	ND	NA	NA	NA	3369.83	No Sock
MW-1	06/04/08	3429.95	57.02	59.01	1.99	Pumped	2.00	18.00	3372.63	
MW-1	06/04/08	3429.95	ND	60.21	ND	NA	NA	NA	3369.74	No Sock
MW-1	06/11/08	3429.95	57.00	59.06	2.06	Pumped	2.00	18.00	3372.64	
MW-1	06/11/08	3429.95	ND	57.70	ND	NA	NA	NA	3372.25	No Sock
MW-1	06/18/08	3429.95	57.22	59.13	1.91	Pumped	2.00	18.00	3372.44	
MW-1	06/18/08	3429.95	ND	60.33	ND	NA	NA	NA	3369.62	No Sock
MW-1	06/26/08	3429.95	57.30	59.21	1.91	Pumped	2.00	18.00	3372.36	
MW-1	06/26/08	3429.95	ND	60.52	ND	NA	NA	NA	3369.43	No Sock
MW-1	07/02/08	3429.95	57.26	59.16	1.90	Pumped	2.00	18.00	3372.41	
MW-1	07/02/08	3429.95	ND	60.10	ND	NA	NA	NA	3369.85	No Sock
MW-1	07/07/08	3429.95	57.00	59.86	2.86	Pumped	2.00	18.00	3372.52	
MW-1	07/07/08	3429.95	ND	60.06	ND	NA	NA	NA	3369.89	No Sock

TAB. 2
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.

Hugh Gathering

SRS #2002-10235

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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	07/16/08	3429.95	57.10	59.76	2.66	Pumped	2.00	18.00	3372.45	
MW-1	07/16/08	3429.95	ND	60.19	ND	NA	NA	NA	3369.76	No Sock
MW-1	07/21/08	3429.95	57.14	59.84	2.70	Pumped	2.00	18.00	3372.41	
MW-1	07/21/08	3429.95	ND	60.27	ND	NA	NA	NA	3369.68	No Sock
MW-1	07/29/08	3429.95	57.21	59.90	2.69	Pumped	2.00	18.00	3372.34	
MW-1	07/29/08	3429.95	ND	60.39	ND	NA	NA	NA	3369.56	No Sock
MW-1	08/06/08	3429.95	57.19	59.96	2.77	Pumped	2.00	18.00	3372.34	
MW-1	08/06/08	3429.95	ND	60.11	ND	NA	NA	NA	3369.84	
MW-1	08/13/08	3429.95	57.29	59.81	2.52	Pumped	2.00	18.00	3372.28	
MW-1	08/13/08	3429.95	ND	60.05	ND	NA	NA	NA	3369.90	
MW-1	08/18/08	3429.95	57.03	60.70	3.67	Pumped	2.00	18.00	3372.37	
MW-1	08/18/08	3429.95	ND	58.10	ND	NA	NA	NA	3371.85	
MW-1	08/27/08	3429.95	56.89	60.51	3.62	Pumped	2.00	18.00	3372.52	
MW-1	08/27/08	3429.95	ND	58.21	ND	NA	NA	NA	3371.74	
MW-1	09/02/08	3429.95	56.99	60.31	3.32	Pumped	2.00	18.00	3372.46	
MW-1	09/02/08	3429.95	ND	58.41	ND	NA	NA	NA	3371.54	
MW-1	09/09/08	3429.95	56.94	60.03	3.09	Pumped	2.00	18.00	3372.55	
MW-1	09/09/08	3429.95	ND	58.40	ND	NA	NA	NA	3371.55	
MW-1	09/17/08	3429.95	56.99	60.78	3.79	Pumped	3.00	17.00	3372.39	
MW-1	09/17/08	3429.95	ND	59.63	ND	NA	NA	NA	3370.32	
MW-1	09/24/08	3429.95	56.75	60.82	4.07	Pumped	2.00	15.00	3372.59	
MW-1	09/24/08	3429.95	58.12	58.22	0.10	NA	NA	NA	3371.82	
MW-1	10/01/08	3429.95	57.25	60.53	3.28	Pumped	2.00	18.00	3372.21	
MW-1	10/01/08	3429.95	58.13	58.15	0.02	NA	NA	NA	3371.82	
MW-1	10/08/08	3429.95	57.03	60.67	3.64	Pumped	3.00	17.00	3372.37	
MW-1	10/08/08	3429.95	ND	58.32	ND	NA	NA	NA	3371.63	
MW-1	10/15/08	3429.95	57.18	60.04	2.86	Pumped	3.00	17.00	3372.34	
MW-1	10/15/08	3429.95	ND	56.80	ND	NA	NA	NA	3373.15	
MW-1	10/22/08	3429.95	57.18	59.86	2.68	Pumped	3.00	17.00	3372.37	
MW-1	10/22/08	3429.95	58.94	58.97	0.03	NA	NA	NA	3371.01	
MW-1	10/29/08	3429.95	57.22	59.91	2.69	Pumped	2.00	18.00	3372.33	
MW-1	10/29/08	3429.95	ND	59.99	ND	NA	NA	NA	3369.96	

TAB. 2 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.

Hugh Gathering

SRS #2002-10235

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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	11/05/08	3429.95	57.20	59.89	2.69	Pumped	0.50	24.50	3372.35	
MW-1	11/05/08	3429.95	58.82	58.85	0.03	NA	NA	NA	3371.13	
MW-1	11/12/08	3429.95	45.73	45.97	0.24	Pumped	0.50	9.50	3384.18	
MW-1	11/12/08	3429.95	45.76	45.81	0.05	NA	NA	NA	3384.18	
MW-1	11/20/08	3429.95	56.98	60.86	3.88	Pumped	3.00	3.00	3372.39	
MW-1	11/20/08	3429.95	ND	57.94	ND	NA	NA	NA	3372.01	
MW-1	11/26/08	3429.95	57.05	60.17	3.12	Pumped	2.00	18.00	3372.43	
MW-1	11/26/08	3429.95	59.74	59.81	0.07	NA	NA	NA	3370.20	
MW-1	12/03/08	3429.95	57.23	59.94	2.71	Pumped	5.00	20.00	3372.31	
MW-1	12/03/08	3429.95	58.18	58.19	0.01	NA	NA	NA	3371.77	
MW-1	12/10/08	3429.95	57.19	59.85	2.66	Pumped	6.00	19.00	3372.36	
MW-1	12/10/08	3429.95	58.59	58.61	0.02	NA	NA	NA	3371.36	
MW-1	12/17/08	3429.95	57.22	59.74	2.52	Pumped	5.50	19.50	3372.35	
MW-1	12/17/08	3429.95	58.63	58.65	0.02	NA	NA	NA	3371.32	
MW-1	12/21/08	3429.95	57.11	58.55	1.44	Pumped	1.00	29.00	3372.62	
MW-1	12/21/08	3429.95	58.53	58.55	0.02	NA	NA	NA	3371.42	
MW-1	12/31/08	3429.95	57.08	60.39	3.31	Pumped	5.00	20.00	3372.37	
MW-1	12/31/08	3429.95	58.24	58.25	0.01	NA	NA	NA	3371.71	
MW-1	01/02/09	3429.95	57.08	60.39	3.31	Pumped	5.00	20.00	3372.37	
MW-1	01/02/09	3429.95	58.24	58.25	0.01	NA	NA	NA	3371.71	Pump Broken
MW-1	01/07/09	3429.95	57.07	59.97	2.90	NA	NA	NA	3372.45	Unstable
MW-1	01/15/09	3429.95	56.98	60.82	3.84	Pumped	5.00	20.00	3372.39	
MW-1	01/15/09	3429.95	58.09	58.10	0.01	NA	NA	NA	3371.86	
MW-1	01/22/09	3429.95	57.05	60.19	3.14	Pumped	5.00	20.00	3372.43	No Sock
MW-1	01/22/09	3429.95	ND	58.11	ND	NA	NA	NA	3371.84	
MW-1	01/28/09	3429.95	57.16	59.68	2.52	Pumped	4.00	20.00	3372.41	
MW-1	01/28/09	3429.95	59.97	59.98	0.01	NA	NA	NA	3369.98	
MW-1	02/04/09	3429.95	57.19	59.63	2.44	Pumped	2.50	26.50	3372.39	
MW-1	02/04/09	3429.95	ND	57.99	ND	NA	NA	NA	3371.96	
MW-1	02/11/09	3429.95	57.21	59.66	2.45	Pumped	2.00	23.00	3372.37	
MW-1	02/11/09	3429.95	58.14	58.15	0.01	NA	NA	NA	3371.81	
MW-1	02/18/09	3429.95	57.21	59.48	2.27	Pumped	1.00	24.00	3372.40	

TAB. 2
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
 Plains Marketing, L.P.
 Hugh Gathering
 SRS #2002-10235
 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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	02/18/09	3429.95	ND	58.56	ND	NA	NA	NA	3371.39	
MW-1	02/25/09	3429.95	57.21	59.38	2.17	Pumped	1.00	19.00	3372.41	
MW-1	02/25/09	3429.95	58.81	58.82	0.01	NA	NA	NA	3371.14	
MW-1	03/04/09	3429.95	57.18	59.43	2.25	Pumped	1.00	26.00	3372.43	
MW-1	03/04/09	3429.95	ND	59.28	ND	NA	NA	NA	3370.67	
MW-1	03/11/09	3429.95	57.25	59.48	2.23	Pumped	0.75	19.75	3372.37	
MW-1	03/11/09	3429.95	59.02	59.03	0.01	NA	NA	NA	3370.93	
MW-1	03/18/09	3429.95	57.20	59.41	2.21	Pumped	0.75	19.25	3372.42	
MW-1	03/18/09	3429.95	59.81	59.82	0.01	NA	NA	NA	3370.14	
MW-1	03/25/09	3429.95	57.16	59.47	2.31	Pumped	4.50	20.50	3372.44	
MW-1	03/25/09	3429.95	ND	59.99	ND	NA	NA	NA	3369.96	
MW-1	04/01/09	3429.95	57.17	59.42	2.25	Pumped	4.50	21.50	3372.44	
MW-1	04/01/09	3429.95	ND	60.13	ND	NA	NA	NA	3369.82	
MW-1	04/09/09	3429.95	57.12	59.39	2.27	Pumped	3.00	21.00	3372.49	
MW-1	04/09/09	3429.95	60.20	60.21	0.01	NA	NA	NA	3369.75	
MW-1	04/15/09	3429.95	57.22	59.34	2.12	NA	NA	NA	3372.41	
MW-1	04/22/09	3429.95	56.96	60.65	3.69	NA	NA	NA	3372.44	
MW-1	04/29/09	3429.95	56.87	61.00	4.13	NA	NA	NA	3372.46	
MW-1	05/06/09	3429.95	56.79	61.31	4.52	NA	NA	NA	3372.48	
MW-1	05/14/09	3429.95	56.87	61.46	4.59	NA	NA	NA	3372.39	
MW-1	05/20/09	3429.95	56.81	61.43	4.62	NA	NA	NA	3372.45	
MW-1	05/27/09	3429.95	56.83	61.57	4.74	Pumped	17.00	40.00	3372.41	
MW-1	05/27/09	3429.95	ND	60.51	ND	NA	NA	NA	3369.44	
MW-1	05/28/09	3429.95	57.52	57.93	0.41	Pumped	1.00	25.00	3372.37	
MW-1	06/03/09	3429.95	57.06	60.33	3.27	Pumped	2.00	23.00	3372.40	
MW-1	06/03/09	3429.95	ND	60.93	ND	NA	NA	NA	3369.02	
MW-1	06/11/09	3429.95	58.10	61.40	3.30	Pumped	2.00	19.00	3371.36	
MW-1	06/11/09	3429.95	ND	60.59	ND	NA	NA	NA	3369.36	
MW-1	06/17/09	3429.95	56.94	61.32	4.38	Pumped	4.00	16.00	3372.35	
MW-1	06/17/09	3429.95	ND	59.00	ND	NA	NA	NA	3370.95	
MW-1	06/23/09	3429.95	57.15	60.43	3.28	Pumped	2.00	18.00	3372.31	
MW-1	06/23/09	3429.95	ND	59.20	ND	NA	NA	NA	3370.75	

TAB. 2
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
 Plains Marketing, L.P.
 Hugh Gathering
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 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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	07/01/09	3429.95	57.07	60.81	3.74	Pumped	3.00	22.00	3372.32	
MW-1	07/01/09	3429.95	ND	60.02	ND	NA	NA	NA	3369.93	
MW-1	07/07/09	3429.95	57.12	60.50	3.38	Pumped	3.00	17.00	3372.32	
MW-1	07/07/09	3429.95	ND	61.32	ND	NA	NA	NA	3368.63	
MW-1	07/15/09	3429.95	57.04	61.30	4.26	Pumped	3.00	27.00	3372.27	
MW-1	07/15/09	3429.95	ND	61.35	ND	NA	NA	NA	3368.60	
MW-1	07/22/09	3429.95	57.11	60.85	3.74	Pumped	4.50	15.50	3372.28	
MW-1	07/29/09	3429.95	57.20	60.75	3.55	NA	NA	NA	3372.22	
MW-1	07/29/09	3429.95	ND	61.46	ND	Pumped	3.00	22.00	3368.49	
MW-1	08/05/09	3429.95	57.13	60.57	3.44	Pumped	4.00	16.00	3372.30	
MW-1	08/05/09	3429.95	ND	61.29	ND	NA	NA	NA	3368.66	
MW-1	08/12/09	3429.95	57.14	60.54	3.40	Pumped	4.50	15.50	3372.30	
MW-1	08/12/09	3429.95	ND	58.97	ND	NA	NA	NA	3370.98	
MW-1	08/19/09	3429.95	57.17	60.37	3.20	Pumped	4.00	16.00	3372.30	
MW-1	08/19/09	3429.95	ND	60.50	ND	NA	NA	NA	3369.45	
MW-1	08/27/09	3429.95	57.14	60.66	3.52	Pumped	3.00	23.00	3372.28	
MW-1	08/27/09	3429.95	ND	58.37	ND	NA	NA	NA	3371.58	
MW-1	09/02/09	3429.95	57.25	60.36	3.11	Pumped	4.50	15.50	3372.23	
MW-1	09/02/09	3429.95	ND	58.91	ND	NA	NA	NA	3371.04	
MW-1	09/09/09	3429.95	57.17	60.46	3.29	Pumped	4.50	15.50	3372.29	
MW-1	09/09/09	3429.95	ND	58.60	ND	NA	NA	NA	3371.35	
MW-1	09/16/09	3429.95	57.26	60.51	3.25	Pumped	4.50	15.50	3372.20	
MW-1	09/16/09	3429.95	ND	58.21	ND	NA	NA	NA	3371.74	
MW-1	09/23/09	3429.95	57.31	60.47	3.16	Pumped	4.00	21.00	3372.17	
MW-1	09/23/09	3429.95	ND	58.07	ND	NA	NA	NA	3371.88	
MW-1	09/30/09	3429.95	57.24	60.47	3.23	Pumped	2.00	18.00	3372.23	
MW-1	09/30/09	3429.95	ND	62.10	ND	NA	NA	NA	3367.85	
MW-1	09/30/09	3429.95	57.73	57.80	0.07	Pumped	0.25	9.75	3372.21	
MW-1	09/30/09	3429.95	ND	61.80	ND	NA	NA	NA	3368.15	
MW-1	10/07/09	3429.95	57.33	60.43	3.10	Pumped	2.00	18.00	3372.16	
MW-1	10/07/09	3429.95	ND	58.31	ND	NA	NA	NA	3371.64	
MW-1	10/07/09	3429.95	57.76	57.82	0.06	Pumped	0.25	9.75	3372.18	

TAB 2 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	10/07/09	3429.95	ND	58.23	ND	NA	NA	NA	3371.72	
MW-1	10/14/09	3429.95	57.30	60.45	3.15	Pumped	2.00	18.00	3372.18	
MW-1	10/14/09	3429.95	ND	58.28	ND	NA	NA	NA	3371.67	
MW-1	10/14/09	3429.95	57.76	57.83	0.07	Pumped	0.25	9.75	3372.18	
MW-1	10/14/09	3429.95	ND	58.57	ND	NA	NA	NA	3371.38	Pump broken
MW-1	10/21/09	3429.95	57.35	60.31	2.96	NA	NA	NA	3372.16	Pump broken
MW-1	10/29/09	3429.95	57.20	61.02	3.82	NA	NA	NA	3372.18	Pump broken
MW-1	11/04/09	3429.95	57.23	61.12	3.89	NA	NA	NA	3372.14	Pump broken
MW-1	11/11/09	3429.95	57.12	61.04	3.92	Pumped	2.00	18.00	3372.24	
MW-1	11/11/09	3429.95	ND	58.33	ND	NA	NA	NA	3371.62	
MW-1	11/11/09	3429.95	57.20	61.02	3.82	Pumped	0.25	9.75	3372.18	
MW-1	11/11/09	3429.95	57.23	61.12	3.89	NA	NA	NA	3372.14	
MW-1	11/17/09	3429.95	57.41	60.53	3.12	Pumped	2.50	17.50	3372.07	
MW-1	11/17/09	3429.95	ND	58.43	ND	NA	NA	NA	3371.52	
MW-1	11/25/09	3429.95	57.25	60.77	3.52	Pumped	5.25	19.75	3372.17	
MW-1	11/25/09	3429.95	ND	59.44	ND	NA	NA	NA	3370.51	
MW-1	12/02/09	3429.95	57.30	60.76	3.46	Pumped	5.00	35.00	3372.13	
MW-1	12/02/09	3429.95	ND	60.61	ND	NA	NA	NA	3369.34	
MW-1	12/09/09	3429.95	57.29	60.65	3.36	Pumped	5.00	35.00	3372.16	
MW-1	12/09/09	3429.95	ND	59.21	ND	NA	NA	NA	3370.74	
MW-1	12/16/09	3429.95	57.31	60.55	3.24	Pumped	5.00	20.00	3372.15	
MW-1	12/16/09	3429.95	ND	59.83	ND	NA	NA	NA	3370.12	
MW-1	12/23/09	3429.95	57.26	60.53	3.27	Pumped	4.50	15.50	3372.20	
MW-1	12/23/09	3429.95	ND	59.85	ND	NA	NA	NA	3370.10	
MW-1	12/30/09	3429.95	57.31	60.58	3.27	Pumped	5.00	15.00	3372.15	
MW-1	12/30/09	3429.95	ND	59.15	ND	NA	NA	NA	3370.80	
MW-1	01/06/10	3429.95	57.26	60.58	3.32	Pumped	5.00	15.00	3372.19	
MW-1	01/06/10	3429.95	ND	60.30	ND	NA	NA	NA	3369.65	
MW-1	01/13/10	3429.95	57.31	60.52	3.21	Pumped	4.25	15.75	3372.16	
MW-1	01/13/10	3429.95	ND	58.63	ND	NA	NA	NA	3371.32	
MW-1	01/20/10	3429.95	57.25	60.50	3.25	Pumped	5.00	15.00	3372.21	
MW-1	01/20/10	3429.95	ND	60.41	ND	NA	NA	NA	3369.54	

TAB. 2
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	01/27/10	3429.95	57.32	60.60	3.28	Pumped	5.00	20.00	3372.14	
MW-1	01/27/10	3429.95	ND	58.86	ND	NA	NA	NA	3371.09	
MW-1	02/11/10	3429.95	57.15	61.18	4.03	Pumped	6.50	18.50	3372.20	
MW-1	02/11/10	3429.95	ND	61.72	ND	NA	NA	NA	3368.23	
MW-1	02/17/10	3429.95	57.31	60.85	3.54	Pumped	5.00	15.00	3372.11	
MW-1	02/17/10	3429.95	ND	60.25	ND	NA	NA	NA	3369.70	
MW-1	03/02/10	3429.95	57.28	60.18	2.90	Pumped	5.00	15.00	3372.24	
MW-1	03/02/10	3429.95	ND	59.65	ND	NA	NA	NA	3370.30	
MW-1	03/10/10	3429.95	57.17	60.62	3.45	Pumped	5.00	15.00	3372.26	
MW-1	03/10/10	3429.95	ND	58.65	ND	NA	NA	NA	3371.30	
MW-1	03/17/10	3429.95	57.20	60.27	3.07	Pumped	5.50	14.50	3372.29	
MW-1	03/17/10	3429.95	ND	58.32	ND	NA	NA	NA	3371.63	
MW-1	03/24/10	3429.95	57.23	60.55	3.32	Pumped	0.50	19.50	3372.22	
MW-1	03/24/10	3429.95	ND	59.36	ND	NA	NA	NA	3370.59	
MW-1	03/31/10	3429.95	57.22	60.45	3.23	Pumped	5.00	15.00	3372.25	
MW-1	03/31/10	3429.95	ND	59.09	ND	NA	NA	NA	3370.86	
MW-1	04/07/10	3429.95	57.28	60.52	3.24	Pumped	3.00	17.00	3372.18	
MW-1	04/07/10	3429.95	ND	58.30	ND	NA	NA	NA	3371.65	
MW-1	04/14/10	3429.95	57.25	60.50	3.25	Pumped	5.00	15.00	3372.21	
MW-1	04/14/10	3429.95	ND	60.05	ND	NA	NA	NA	3369.90	
MW-1	04/21/10	3429.95	57.24	60.45	3.21	Pumped	3.00	17.00	3372.23	
MW-1	04/21/10	3429.95	ND	59.73	ND	NA	NA	NA	3370.22	
MW-1	04/28/10	3429.95	57.25	60.45	3.20	Pumped	3.00	17.00	3372.22	
MW-1	04/28/10	3429.95	ND	59.44	ND	NA	NA	NA	3370.51	
MW-1	05/05/10	3429.95	57.22	60.31	3.09	NA	NA	NA	3372.27	
MW-1	05/12/10	3429.95	57.11	60.99	3.88	Pumped	3.50	6.00	3372.26	
MW-1	05/12/10	3429.95	ND	59.70	ND	NA	NA	NA	3370.25	
MW-1	05/19/10	3429.95	57.27	60.23	2.96	Pumped	4.00	16.00	3372.24	
MW-1	05/19/10	3429.95	ND	59.47	ND	NA	NA	NA	3370.48	
MW-1	05/29/10	3429.95	57.25	60.93	3.68	Pumped	4.00	16.00	3372.15	
MW-1	05/29/10	3429.95	ND	58.52	ND	NA	NA	NA	3371.43	
MW-1	06/02/10	3429.95	57.44	60.83	3.39	Pumped	4.00	16.00	3372.00	

TAB 2
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
 Plains Marketing, L.P.
 Hugh Gathering
 SRS #2002-10235
 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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	06/02/10	3429.95	ND	57.98	ND	NA	NA	NA	3371.97	
MW-1	06/12/10	3429.95	57.33	60.74	3.41	Pumped	3.50	16.50	3372.11	
MW-1	06/12/10	3429.95	ND	62.12	ND	NA	NA	NA	3367.83	
MW-1	06/15/10	3429.95	57.53	59.48	1.95	Pumped	3.00	17.00	3372.13	
MW-1	06/15/10	3429.95	ND	59.52	ND	NA	NA	NA	3370.43	
MW-1	06/25/10	3429.95	57.36	60.87	3.51	Pumped	2.00	18.00	3372.06	
MW-1	07/07/10	3429.95	57.44	60.72	3.28	NA	NA	NA	3372.02	
MW-1	07/14/10	3429.95	57.34	61.04	3.70	NA	NA	NA	3372.06	
MW-1	07/21/10	3429.95	57.52	61.62	4.10	Pumped	5.00	15.00	3371.82	
MW-1	07/21/10	3429.95	ND	59.61	ND	NA	NA	NA	3370.34	
MW-1	08/03/10	3429.95	57.44	60.21	2.77	Pumped	4.00	11.00	3372.09	
MW-1	08/03/10	3429.95	ND	60.10	ND	NA	NA	NA	3369.85	
MW-1	08/11/10	3429.95	57.47	60.43	2.96	NA	NA	NA	3372.04	
MW-1	08/18/10	3429.95	58.13	58.37	0.24	NA	NA	NA	3371.78	
MW-1	08/25/10	3429.95	57.75	59.85	2.10	NA	NA	NA	3371.89	
MW-1	09/01/10	3429.95	57.58	60.20	2.62	NA	NA	NA	3371.98	
MW-1	09/08/10	3429.95	57.40	60.60	3.20	Pumped	4.00	16.00	3372.07	
MW-1	09/08/10	3429.95	ND	60.52	ND	NA	NA	NA	3369.43	
MW-1	09/15/10	3429.95	57.45	60.35	2.90	Pumped	4.00	16.00	3372.07	
MW-1	09/15/10	3429.95	ND	59.67	ND	NA	NA	NA	3370.28	
MW-1	09/21/10	3429.95	57.50	60.01	2.51	Pumped	4.00	16.00	3372.07	
MW-1	09/21/10	3429.95	ND	60.58	ND	NA	NA	NA	3369.37	
MW-1	10/01/10	3429.95	57.34	60.72	3.38	Pumped	4.00	16.00	3372.10	
MW-1	10/01/10	3429.95	ND	60.67	ND	NA	NA	NA	3369.28	
MW-1	10/06/10	3429.95	57.60	60.75	3.15	Pumped	4.00	16.00	3371.88	
MW-1	10/06/10	3429.95	ND	60.67	ND	NA	NA	NA	3369.28	
MW-1	10/13/10	3429.95	57.50	60.01	2.51	Pumped	3.00	17.00	3372.07	
MW-1	10/13/10	3429.95	ND	61.93	ND	NA	NA	NA	3368.02	
MW-1	10/22/10	3429.95	57.45	60.46	3.01	Pumped	3.75	16.25	3372.05	
MW-1	10/22/10	3429.95	ND	64.84	ND	NA	NA	NA	3365.11	
MW-1	10/27/10	3429.95	57.53	59.60	2.07	Pumped	5.00	15.00	3372.11	
MW-1	10/27/10	3429.95	ND	61.98	ND	NA	NA	NA	3367.97	

TAB 4
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	11/03/10	3429.95	57.41	60.63	3.22	NA	NA	NA	3372.06	
MW-1	11/10/10	3429.95	57.96	58.00	0.04	NA	NA	NA	3371.98	Recovery system
MW-1	11/16/10	3429.95	57.84	57.90	0.06	NA	NA	NA	3372.10	Recovery system
MW-1	11/23/10	3429.95	57.84	57.88	0.04	NA	NA	NA	3372.10	Recovery system
MW-1	12/01/10	3429.95	57.32	57.34	0.02	NA	NA	NA	3372.63	Recovery system
MW-1	12/08/10	3429.95	57.79	57.90	0.11	NA	NA	NA	3372.14	Recovery system
MW-1	12/15/10	3429.95	57.73	57.93	0.20	NA	NA	NA	3372.19	Recovery system
MW-1	12/21/10	3429.95	57.45	59.50	2.05	Pumped	3.00	7.00	3372.19	
MW-1	12/21/10	3429.95	ND	59.80	ND	NA	NA	NA	3370.15	
MW-1	01/08/11	3429.95	57.33	60.72	3.39	Pumped	4.00	6.00	3372.11	
MW-1	01/08/11	3429.95	ND	60.93	ND	NA	NA	NA	3369.02	
MW-1	01/12/11	3429.95	57.52	59.65	2.13	NA	NA	NA	3372.11	
MW-1	01/19/11	3429.95	57.24	60.41	3.17	Pumped	3.00	17.00	3372.23	
MW-1	01/19/11	3429.95	ND	59.62	ND	NA	NA	NA	3370.33	
MW-1	01/25/11	3429.95	57.42	59.94	2.52	Pumped	3.50	11.50	3372.15	
MW-1	01/25/11	3429.95	ND	58.34	ND	NA	NA	NA	3371.61	
MW-1	02/04/11	3429.95	57.50	60.67	3.17		0.20	24.80	3371.97	
MW-1	02/04/11	3429.95	ND	61.38	ND	NA	NA	NA	3368.57	
MW-1	02/08/11	3429.95	57.54	59.62	2.08		4.00	16.00	3372.10	
MW-1	02/08/11	3429.95	ND	60.92	ND	NA	NA	NA	3369.03	
MW-1	02/16/11	3429.95	57.50	60.49	2.99	NA	4.00	16.00	3372.00	
MW-1	02/16/11	3429.95	ND	59.60	ND	NA	NA	NA	3370.35	
MW-1	02/24/11	3429.95	57.45	60.13	2.68		5.00	5.00	3372.10	
MW-1	02/24/11	3429.95	ND	58.84	ND	NA	NA	NA	3371.11	
MW-1	03/02/11	3429.95	57.55	60.38	2.83		4.00	16.00	3371.98	
MW-1	03/02/11	3429.95	ND	61.00	ND	NA	NA	NA	3368.95	
MW-1	04/20/11	3429.95	57.54	60.01	2.47	NA	NA	NA	3372.04	
MW-1	04/27/11	3429.95	58.52	58.72	0.20	NA	NA	NA	3371.40	After system ran
MW-1	05/04/11	3429.95	57.53	59.49	1.96	NA	NA	NA	3372.13	NA
MW-1	05/11/11	3429.95	57.35	60.84	3.49		2.00	8.00	3372.08	NA
MW-1	05/11/11	3429.95	ND	58.68	ND	NA	NA	NA	3371.27	
MW-1	05/19/11	3429.95	57.63	59.55	1.92	NA	NA	NA	3372.03	

TAB -
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.

Hugh Gathering

SRS #2002-10235

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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	05/24/11	3429.95	57.88	58.35	0.47	NA	NA	NA	3372.00	
MW-1	06/03/11	3429.95	57.65	60.55	2.90	NA	NA	NA	3371.87	
MW-1	06/08/11	3429.95	57.68	58.99	1.31	NA	NA	NA	3372.07	
MW-1	06/17/11	3429.95	57.81	59.26	1.45	NA	NA	NA	3371.92	
MW-1	06/29/11	3429.95	57.64	61.71	4.07	Pumped	4.00	9.00	3371.70	
MW-1	06/29/11	3429.95	58.36	58.44	0.08	NA	NA	NA	3371.58	
MW-1	07/06/11	3429.95	57.70	60.70	3.00	NA	NA	NA	3371.80	
MW-1	07/13/11	3429.95	57.55	61.40	3.85	NA	NA	NA	3371.82	
MW-1	07/21/11	3429.95	57.56	61.54	3.98	NA	NA	NA	3371.79	
MW-1	08/24/11	3429.95	57.90	60.67	2.77	NA	NA	NA	3371.63	
MW-1	09/21/11	3429.95	57.79	61.91	4.12	NA	NA	NA	3371.54	
MW-1	10/05/11	3429.95	57.76	61.76	4.00	NA	2.75	7.25	3371.59	
MW-1	10/05/11	3429.95	ND	59.81	ND	NA	NA	NA	3370.14	
MW-1	10/18/11	3429.95	57.77	61.67	3.90	NA	2.50	7.50	3371.60	
MW-1	10/18/11	3429.95	ND	59.94	ND	NA	NA	NA	3370.01	
MW-1	10/28/11	3429.95	57.84	61.52	3.68	NA	0.75	9.25	3371.56	
MW-1	10/28/11	3429.95	ND	60.30	ND	NA	NA	NA	3369.65	
MW-1	11/02/11	3429.95	58.00	60.80	2.80	NA	1.00	14.00	3371.53	
MW-1	11/02/11	3429.95	ND	59.39	ND	NA	NA	NA	3370.56	
MW-1	11/09/11	3429.95	57.92	61.00	3.08	NA	NA	NA	3371.57	
MW-1	11/18/11	3429.95	57.78	61.59	3.81	NA	NA	NA	3371.60	
MW-1	11/23/11	3429.95	57.79	61.81	4.02	NA	1.00	9.00	3371.56	
MW-1	11/23/11	3429.95	ND	59.55	ND	NA	NA	NA	3370.40	
MW-1	11/29/11	3429.95	57.92	60.90	2.98	NA	NA	NA	3371.58	
MW-1	12/13/11	3429.95	57.78	61.70	3.92	NA	0.75	9.75	3371.58	
MW-1	12/13/11	3429.95	ND	62.11	ND	NA	NA	NA	3367.84	
MW-1	12/20/11	3429.95	57.88	61.10	3.22	NA	1.00	9.00	3371.59	
MW-1	12/27/11	3429.95	57.96	61.47	3.51	NA	1.00	9.00	3371.46	
MW-1	12/27/11	3429.95	ND	60.39	ND	NA	NA	NA	3369.56	
MW-1	01/04/12	3429.95	57.93	60.98	3.05	NA	NA	NA	3371.56	
MW-1	01/13/12	3429.95	57.86	61.52	3.66	NA	NA	NA	3371.54	
MW-1	01/18/12	3429.95	57.80	61.68	3.88	NA	NA	NA	3371.57	

TAE - HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	01/27/12	3429.95	57.80	61.81	4.01	NA	NA	NA	3371.55	
MW-1	02/02/12	3429.95	57.78	61.72	3.94	NA	NA	NA	3371.58	
MW-1	02/08/12	3429.95	57.80	61.75	3.95	NA	NA	NA	3371.56	
MW-1	02/15/12	3429.95	57.78	61.87	4.09	NA	NA	NA	3371.56	
MW-1	02/23/12	3429.95	57.74	61.89	4.15	NA	NA	NA	3371.59	
MW-1	02/29/12	3429.95	57.97	61.99	4.02	NA	NA	NA	3371.38	
MW-1	03/14/12	3429.95	NG	NG	NG	NG	NG	NG	NG	No Key
MW-1	03/21/12	3429.95	57.92	61.04	3.12	NA	NA	NA	3371.56	
MW-1	03/29/12	3429.95	57.70	60.52	2.82	NA	NA	NA	3371.83	
MW-1	04/03/12	3429.95	57.77	62.04	4.27	NA	NA	NA	3371.54	
MW-1	04/11/12	3429.95	57.86	62.08	4.22	NA	NA	NA	3371.46	
MW-1	04/20/12	3429.95	57.80	62.05	4.25	NA	NA	NA	3371.51	
MW-1	04/26/12	3429.95	57.80	61.66	3.86	NA	NA	NA	3371.57	
MW-1	05/02/12	3429.95	57.78	61.98	4.20	NA	NA	NA	3371.54	
MW-1	05/09/12	3429.95	57.82	61.88	4.06		0.50	9.50	3371.52	
MW-1	05/09/12	3429.95	ND	59.30	ND	NA	NA	NA	3370.65	
MW-1	05/16/12	3429.95	57.50	59.82	2.32	NA	0.50	9.50	3372.10	
MW-1	05/16/12	3429.95	ND	60.27	ND	NA	NA	NA	3369.68	
MW-1	05/24/12	3429.95	57.83	61.70	3.87	NA	NA	NA	3371.54	
MW-1	05/29/12	3429.95	58.01	60.37	2.36	NA	1.00	9.00	3371.59	
MW-1	05/29/12	3429.95	ND	62.04	ND	NA	NA	NA	3367.91	
MW-1	06/06/12	3429.95	57.92	61.49	3.57	NA	1.00	19.00	3371.49	
MW-1	06/06/12	3429.95	ND	62.10	ND	NA	NA	NA	3367.85	
MW-1	06/13/12	3429.95	57.85	61.44	3.59	NA	1.00	19.00	3371.56	
MW-1	06/13/12	3429.95	ND	62.41	ND	NA	NA	NA	3367.54	
MW-1	06/19/12	3429.95	57.82	61.70	3.88	NA	2.00	5.00	3371.55	
MW-1	06/19/12	3429.95	ND	61.02	ND	NA	NA	NA	3368.93	
MW-1	06/27/12	3429.95	58.00	61.06	3.06	NA	1.00	9.00	3371.49	
MW-1	06/27/12	3429.95	ND	59.14	ND	NA	NA	NA	3370.81	
MW-1	07/05/12	3429.95	58.06	61.00	2.94	NA	NA	NA	3371.45	
MW-1	07/11/12	3429.95	57.98	61.57	3.59	NA	NA	NA	3371.43	
MW-1	07/18/12	3429.95	57.94	61.80	3.86	NA	1.00	9.00	3371.43	

TAB 2 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.

Hugh Gathering

SRS #2002-10235

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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	07/18/12	3429.95	ND	60.41	ND	NA	NA	NA	3369.54	
MW-1	07/25/12	3429.95	58.13	60.72	2.59	NA	2.00	15.00	3371.43	
MW-1	07/25/12	3429.95	ND	62.75	ND	NA	NA	NA	3367.20	
MW-1	07/31/12	3429.95	58.30	60.22	1.92	NA	2.00	18.00	3371.36	
MW-1	07/31/12	3429.95	ND	60.96	ND	NA	NA	NA	3368.99	
MW-1	08/08/12	3429.95	58.07	61.55	3.48	NA	2.00	18.00	3371.36	
MW-1	08/08/12	3429.95	ND	62.80	ND	NA	NA	NA	3367.15	
MW-1	08/13/12	3429.95	58.38	60.00	1.62	NA	NA	NA	3371.33	
MW-1	08/20/12	3429.95	58.14	61.22	3.08	NA	NA	NA	3371.35	
MW-1	09/05/12	3429.95	58.45	61.30	2.85	NA	NA	NA	3371.07	
MW-1	09/12/12	3429.95	NG	NG	NG	NA	NA	NA	NG	
MW-1	10/02/12	3429.95	58.07	59.95	1.88	NA	NA	NA	3371.60	
MW-1	10/10/12	3429.95	58.03	62.09	4.06	NA	NA	NA	3371.31	
MW-1	10/16/12	3429.95	58.02	62.04	4.02	NA	NA	NA	3371.33	
MW-1	10/16/12	3429.95	ND	60.87	ND	NA	NA	NA	3369.08	
MW-1	10/24/12	3429.95	58.38	60.16	1.78	NA	NA	NA	3371.30	
MW-1	10/24/12	3429.95	ND	61.11	ND	NA	NA	NA	3368.84	
MW-1	10/30/12	3429.95	58.28	60.81	2.53	NA	NA	NA	3371.29	
MW-1	11/06/12	3429.95	58.44	60.04	1.60	NA	0.10	10.00	3371.27	
MW-1	11/06/12	3429.95	ND	60.22	ND	NA	NA	NA	3369.73	
MW-1	11/13/12	3429.95	58.30	60.85	2.55	NA	0.50	9.50	3371.27	
MW-1	11/13/12	3429.95	ND	61.74	ND	NA	NA	NA	3368.21	
MW-1	11/19/12	3429.95	58.50	59.70	1.20	NA	NA	NA	3371.27	
MW-1	12/05/12	3429.95	58.23	60.04	1.81	NA	1.00	9.00	3371.45	
MW-1	12/05/12	3429.95	ND	59.17	ND	NA	NA	NA	3370.78	
MW-1	12/11/12	3429.95	58.53	59.83	1.30	NA	1.00	9.00	3371.23	
MW-1	12/11/12	3429.95	ND	58.88	ND	NA	NA	NA	3371.07	
MW-2	02/21/07	3429.97	ND	57.60	ND	NA	NA	NA	3372.37	Installed Sock
MW-2	03/07/07	3429.97	ND	57.56	ND	NA	NA	NA	3372.41	Sock
MW-2	03/14/07	3429.97	ND	57.60	ND	NA	NA	NA	3372.37	Sock
MW-2	03/21/07	3429.97	ND	57.56	ND	NA	NA	NA	3372.41	Sock

TAE 2 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-2	03/28/07	3429.97	ND	57.54	ND	NA	NA	NA	3372.43	Sock
MW-2	04/03/07	3429.97	ND	57.60	ND	NA	NA	NA	3372.37	Sock
MW-2	04/10/07	3429.97	ND	57.65	ND	NA	NA	NA	3372.32	Sock
MW-2	04/18/07	3429.97	ND	57.58	ND	NA	NA	NA	3372.39	Sock
MW-2	04/24/07	3429.97	ND	57.63	ND	NA	NA	NA	3372.34	Sock
MW-2	05/03/07	3429.97	ND	57.64	ND	NA	NA	NA	3372.33	Sock
MW-2	05/11/07	3429.97	ND	57.62	ND	NA	NA	NA	3372.35	Sock
MW-2	05/16/07	3429.97	ND	57.65	ND	NA	NA	NA	3372.32	Sock
MW-2	05/23/07	3429.97	ND	57.65	ND	NA	NA	NA	3372.39	New Sock
MW-2	05/31/07	3429.97	ND	57.58	ND	NA	NA	NA	3372.44	Sock
MW-2	06/06/07	3429.97	ND	57.53	ND	NA	NA	NA	3372.40	Sock
MW-2	06/13/07	3429.97	ND	57.57	ND	NA	NA	NA	3372.41	Sock
MW-2	06/19/07	3429.97	ND	57.56	ND	NA	NA	NA	3372.41	Sock
MW-2	06/27/07	3429.97	ND	57.57	ND	NA	NA	NA	3372.40	Sock
MW-2	07/05/07	3429.97	ND	57.54	ND	NA	NA	NA	3372.43	Sock
MW-2	07/11/07	3429.97	ND	57.57	ND	NA	NA	NA	3372.40	Sock
MW-2	07/19/07	3429.97	ND	57.55	ND	NA	NA	NA	3372.42	Flipped Sock
MW-2	07/24/07	3429.97	ND	57.59	ND	NA	NA	NA	3372.38	Sock
MW-2	07/31/07	3429.97	ND	57.62	ND	NA	NA	NA	3372.35	Sock
MW-2	08/09/07	3429.97	ND	57.70	ND	NA	NA	NA	3372.27	Sock
MW-2	08/16/07	3429.97	57.57	57.70	0.13	NA	NA	NA	3372.38	Sock
MW-2	08/22/07	3429.97	ND	57.54	ND	NA	NA	NA	3372.43	Sock
MW-2	08/28/07	3429.97	ND	57.70	ND	NA	NA	NA	3372.27	Sock
MW-2	09/06/07	3429.97	ND	57.56	ND	NA	NA	NA	3372.41	Sock
MW-2	09/13/07	3429.97	ND	57.75	ND	NA	NA	NA	3372.22	Sock
MW-2	09/18/07	3429.97	ND	57.73	ND	NA	NA	NA	3372.24	Sock
MW-2	09/26/07	3429.97	ND	57.78	ND	NA	NA	NA	3372.19	Sock
MW-2	10/04/07	3429.97	ND	57.77	ND	NA	NA	NA	3372.20	New Sock
MW-2	10/10/07	3429.97	ND	57.67	ND	NA	NA	NA	3372.30	Sock
MW-2	10/17/07	3429.97	ND	57.70	ND	NA	NA	NA	3372.27	Sock
MW-2	10/24/07	3429.97	ND	57.75	ND	NA	NA	NA	3372.22	Sock
MW-2	10/31/07	3429.97	ND	57.76	ND	NA	NA	NA	3372.21	Sock

TAE
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-2	11/07/07	3429.97	ND	57.83	ND	NA	NA	NA	3372.14	Sock
MW-2	11/13/07	3429.97	ND	57.70	ND	NA	NA	NA	3372.27	Sock
MW-2	11/20/07	3429.97	ND	57.86	ND	NA	NA	NA	3372.11	Sock
MW-2	11/27/07	3429.97	ND	57.84	ND	NA	NA	NA	3372.13	Sock
MW-2	12/05/07	3429.97	ND	57.71	ND	NA	NA	NA	3372.26	Flipped Sock
MW-2	12/12/07	3429.97	ND	57.70	ND	NA	NA	NA	3372.27	Sock
MW-2	12/18/07	3429.97	ND	57.73	ND	NA	NA	NA	3372.24	Sock
MW-2	12/27/07	3429.97	ND	57.70	ND	NA	NA	NA	3372.27	Sock
MW-2	01/03/08	3429.97	ND	57.75	ND	NA	NA	NA	3372.22	Sock
MW-2	01/09/08	3429.97	ND	58.07	ND	NA	NA	NA	3371.90	Sock
MW-2	01/17/08	3429.97	ND	57.61	ND	NA	NA	NA	3372.36	Sock
MW-2	01/23/08	3429.97	ND	57.60	ND	NA	NA	NA	3372.37	Sock
MW-2	01/30/08	3429.97	ND	57.64	ND	NA	NA	NA	3372.33	Sock
MW-2	02/06/08	3429.97	ND	57.65	ND	NA	NA	NA	3372.32	Sock
MW-2	02/13/08	3429.97	ND	57.57	ND	NA	NA	NA	3372.40	Sock
MW-2	02/19/08	3429.97	ND	57.58	ND	NA	NA	NA	3372.39	Sock
MW-2	02/27/08	3429.97	ND	57.63	ND	NA	NA	NA	3372.34	Sock
MW-2	03/04/08	3429.97	ND	57.71	ND	NA	NA	NA	3372.26	Sock
MW-2	03/12/08	3429.97	ND	57.53	ND	NA	NA	NA	3372.44	Sock
MW-2	03/19/08	3429.97	ND	57.75	ND	NA	NA	NA	3372.22	Sock
MW-2	03/26/08	3429.97	ND	57.66	ND	NA	NA	NA	3372.31	Sock
MW-2	04/02/08	3429.97	ND	57.58	ND	NA	NA	NA	3372.39	Sock
MW-2	04/09/08	3429.97	ND	57.60	ND	NA	NA	NA	3372.37	Sock
MW-2	04/16/08	3429.97	ND	57.66	ND	NA	NA	NA	3372.31	Sock
MW-2	04/24/08	3429.97	ND	57.55	ND	NA	NA	NA	3372.42	Sock
MW-2	04/30/08	3429.97	ND	57.56	ND	NA	NA	NA	3372.41	Sock
MW-2	05/07/08	3429.97	ND	57.58	ND	NA	NA	NA	3372.39	Sock
MW-2	05/14/08	3429.97	ND	57.60	ND	NA	NA	NA	3372.37	Sock
MW-2	05/20/08	3429.97	ND	57.64	ND	NA	NA	NA	3372.33	Sock
MW-2	05/29/08	3429.97	ND	57.64	ND	NA	NA	NA	3372.33	Sock
MW-2	06/04/08	3429.97	ND	57.73	ND	NA	NA	NA	3372.24	Sock
MW-2	06/11/08	3429.97	ND	57.77	ND	NA	NA	NA	3372.20	Sock

TAE 2
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-2	06/18/08	3429.97	ND	57.82	ND	NA	NA	NA	3372.15	Sock
MW-2	06/26/08	3429.97	ND	57.87	ND	NA	NA	NA	3372.10	Sock
MW-2	07/02/08	3429.97	ND	57.87	ND	NA	NA	NA	3372.10	Sock
MW-2	07/07/08	3429.97	ND	57.80	ND	NA	NA	NA	3372.17	Sock
MW-2	07/16/08	3429.97	ND	57.78	ND	NA	NA	NA	3372.19	Sock
MW-2	07/21/08	3429.97	ND	57.82	ND	NA	NA	NA	3372.15	Sock
MW-2	07/29/08	3429.97	ND	57.86	ND	NA	NA	NA	3372.11	Sock
MW-2	08/06/08	3429.97	ND	57.87	ND	NA	NA	NA	3372.10	Sock
MW-2	08/13/08	3429.97	ND	57.79	ND	NA	NA	NA	3372.18	Sock
MW-2	08/18/08	3429.97	ND	57.71	ND	NA	NA	NA	3372.26	Sock
MW-2	08/27/08	3429.97	ND	57.74	ND	NA	NA	NA	3372.23	Sock
MW-2	09/02/08	3429.97	ND	57.79	ND	NA	NA	NA	3372.18	Sock
MW-2	09/09/08	3429.97	ND	57.84	ND	NA	NA	NA	3372.13	Sock
MW-2	09/17/08	3429.97	ND	57.82	ND	NA	NA	NA	3372.15	Sock
MW-2	09/24/08	3429.97	ND	57.76	ND	NA	NA	NA	3372.21	Sock
MW-2	10/01/08	3429.97	ND	57.77	ND	NA	NA	NA	3372.20	Sock
MW-2	10/08/08	3429.97	ND	57.75	ND	NA	NA	NA	3372.22	Sock
MW-2	10/15/08	3429.97	ND	57.77	ND	NA	NA	NA	3372.20	Sock
MW-2	10/22/08	3429.97	ND	57.73	ND	NA	NA	NA	3372.24	Sock
MW-2	10/29/08	3429.97	ND	57.75	ND	NA	NA	NA	3372.22	Sock
MW-2	11/05/08	3429.97	ND	57.71	ND	NA	NA	NA	3372.26	Sock
MW-2	11/12/08	3429.97	NG	NG	NG	NA	NA	NA	NG	Sock
MW-2	11/20/08	3429.97	ND	58.02	ND	NA	NA	NA	3371.95	Sock
MW-2	11/26/08	3429.97	ND	57.77	ND	NA	NA	NA	3372.20	Sock
MW-2	12/03/08	3429.97	ND	57.79	ND	NA	NA	NA	3372.18	Sock
MW-2	12/10/08	3429.97	ND	57.76	ND	NA	NA	NA	3372.21	Sock
MW-2	12/17/08	3429.97	ND	57.78	ND	NA	NA	NA	3372.19	Sock
MW-2	12/21/08	3429.97	ND	57.85	ND	NA	NA	NA	3372.12	Sock
MW-2	12/31/08	3429.97	ND	57.76	ND	NA	NA	NA	3372.21	Sock
MW-2	01/02/09	3429.97	ND	57.76	ND	NA	NA	NA	3372.21	Sock
MW-2	01/07/09	3429.97	ND	57.73	ND	NA	NA	NA	3372.24	Sock
MW-2	01/15/09	3429.97	ND	57.79	ND	NA	NA	NA	3372.18	Sock

TAE
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-2	01/22/09	3429.97	ND	57.69	ND	NA	NA	NA	3372.28	New Sock
MW-2	01/28/09	3429.97	ND	57.76	ND	NA	NA	NA	3372.21	Sock
MW-2	02/04/09	3429.97	ND	57.69	ND	NA	NA	NA	3372.28	Sock
MW-2	02/04/09	3429.97	ND	57.72	ND	NA	NA	NA	3372.25	Sock
MW-2	02/18/09	3429.97	ND	57.69	ND	Pumped	0.00	18.00	3372.28	Sock
MW-2	02/18/09	3429.97	ND	58.07	ND	NA	NA	NA	3371.90	
MW-2	02/25/09	3429.97	ND	57.66	ND	NA	NA	NA	3372.31	Sock
MW-2	03/04/09	3429.97	ND	57.69	ND	NA	NA	NA	3372.28	Sock
MW-2	03/11/09	3429.97	ND	57.73	ND	Pumped	0.00	20.00	3372.24	Flipped Sock
MW-2	03/11/09	3429.97	ND	58.27	ND	NA	NA	NA	3371.70	
MW-2	03/18/09	3429.97	ND	57.65	ND	NA	NA	NA	3372.32	Sock
MW-2	03/25/09	3429.97	ND	57.67	ND	Pumped	0.00	15.00	3372.30	Sock
MW-2	03/25/09	3429.97	ND	58.33	ND	NA	NA	NA	3371.64	
MW-2	04/01/09	3429.97	ND	57.63	ND	NA	NA	NA	3372.34	Sock
MW-2	04/08/09	3429.97	ND	57.68	ND	NA	NA	NA	3372.29	Sock
MW-2	04/15/09	3429.97	ND	57.68	ND	NA	NA	NA	3372.29	Sock
MW-2	04/22/09	3429.97	ND	57.68	ND	NA	NA	NA	3372.33	Sock
MW-2	04/29/09	3429.97	ND	57.64	ND	NA	NA	NA	3372.33	Sock
MW-2	05/06/09	3429.97	ND	57.64	ND	NA	NA	NA	3371.69	Sock
MW-2	05/06/09	3429.97	ND	58.28	ND		0.00	15.00	3371.69	Sock
MW-2	05/14/09	3429.97	ND	57.76	ND	NA	NA	NA	3372.21	Sock
MW-2	05/20/09	3429.97	ND	57.66	ND	NA	NA	NA	3372.31	Sock
MW-2	05/27/09	3429.97	ND	57.77	ND		0.00	28.00	3372.20	Sock
MW-2	05/27/09	3429.97	ND	58.04	ND	NA	NA	NA	3371.93	Sock
MW-2	06/03/09	3429.97	ND	57.70	ND	NA	NA	NA	3372.27	Sock
MW-2	06/11/09	3429.97	ND	57.73	ND	NA	NA	NA	3372.24	Sock
MW-2	06/17/09	3429.97	ND	57.83	ND	NA	NA	NA	3372.14	Sock
MW-2	06/23/09	3429.97	ND	57.80	ND		0.00	10.00	3372.17	Sock
MW-2	07/01/09	3429.97	ND	57.80	ND	NA	NA	NA	3372.17	Sock
MW-2	07/07/09	3429.97	ND	57.79	ND		0.00	10.00	3372.18	Sock
MW-2	07/07/09	3429.97	ND	59.30	ND	NA	NA	NA	3370.67	Sock
MW-2	07/15/09	3429.97	ND	57.84	ND	NA	NA	NA	3372.13	Sock

TABLE 2 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-2	07/22/09	3429.97	ND	57.92	ND		0.00	10.00	3372.05	
MW-2	07/22/09	3429.97	ND	58.37	ND	NA	NA	NA	3371.60	
MW-2	07/29/09	3429.97	ND	57.87	ND	NA	NA	NA	3372.10	
MW-2	08/05/09	3429.97	ND	57.87	ND	NA	NA	NA	3372.10	New Sock
MW-2	08/12/09	3429.97	ND	57.89	ND	Pumped	0.00	10.00	3372.08	
MW-2	08/12/09	3429.97	ND	61.54	ND	NA	NA	NA	3368.43	
MW-2	08/19/09	3429.97	ND	57.90	ND	NA	NA	NA	3372.07	Flipped Sock
MW-2	08/27/09	3429.97	ND	57.95	ND	NA	NA	NA	3372.02	
MW-2	09/02/09	3429.97	ND	57.92	ND	NA	NA	NA	3372.05	
MW-2	09/08/09	3429.97	ND	57.93	ND	Pumped	0.10	9.90	3372.04	
MW-2	09/08/09	3429.97	ND	61.22	ND	NA	NA	NA	3368.75	
MW-2	09/16/09	3429.97	ND	58.02	ND	NA	NA	NA	3371.95	
MW-2	09/23/09	3429.97	ND	58.05	ND	Pumped	0.00	10.00	3371.92	
MW-2	09/23/09	3429.97	ND	58.05	ND	NA	NA	NA	3371.92	
MW-2	09/30/09	3429.97	ND	57.96	ND	Pumped	0.00	10.00	3372.01	
MW-2	09/30/09	3429.97	ND	59.95	ND	NA	NA	NA	3370.02	
MW-2	10/07/09	3429.97	ND	57.99	ND	Pumped	0.00	10.00	3371.98	
MW-2	10/07/09	3429.97	ND	59.90	ND	NA	NA	NA	3370.07	
MW-2	10/14/09	3429.97	ND	58.01	ND	NA	NA	NA	3371.96	
MW-2	10/21/09	3429.97	ND	58.01	ND	Hand Balled	0.00	10.00	3371.96	
MW-2	10/21/09	3429.97	ND	58.45	ND	NA	NA	NA	3371.52	
MW-2	10/29/09	3429.97	ND	57.98	ND	Pumped	0.00	15.00	3371.99	
MW-2	10/29/09	3429.97	ND	59.17	ND	NA	NA	NA	3370.80	
MW-2	11/04/09	3429.97	ND	57.95	ND	NA	NA	NA	3372.02	
MW-2	11/11/09	3429.97	ND	58.02	ND	Pumped	0.00	15.00	3371.95	
MW-2	11/11/09	3429.97	ND	59.35	ND	NA	NA	NA	3370.62	
MW-2	11/17/09	3429.97	ND	58.01	ND	Pumped	0.00	10.00	3371.96	
MW-2	11/17/09	3429.97	ND	59.49	ND	NA	NA	NA	3370.48	Flipped Sock
MW-2	11/25/09	3429.97	ND	57.97	ND	Pumped	0.00	15.00	3372.00	
MW-2	11/25/09	3429.97	ND	59.33	ND	NA	NA	NA	3370.64	
MW-2	12/02/09	3429.97	ND	57.78	ND	Pumped	0.10	14.90	3372.19	
MW-2	12/02/09	3429.97	ND	60.65	ND	NA	NA	NA	3369.32	

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HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.
 Hugh Gathering
 SRS #2002-10235
 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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-2	12/09/09	3429.97	ND	57.98	ND	Pumped	0.00	15.00	3371.99	
MW-2	12/09/09	3429.97	ND	59.69	ND	NA	NA	NA	3370.28	
MW-2	12/16/09	3429.97	ND	57.98	ND	Pumped	0.00	15.00	3371.99	
MW-2	12/16/09	3429.97	ND	60.24	ND	NA	NA	NA	3369.73	
MW-2	12/23/09	3429.97	ND	58.60	ND	Pumped	0.00	10.00	3371.37	
MW-2	12/23/09	3429.97	ND	59.26	ND	NA	NA	NA	3370.71	
MW-2	12/30/09	3429.97	ND	58.08	ND	Pumped	0.10	24.90	3371.89	
MW-2	12/30/09	3429.97	ND	60.27	ND	NA	NA	NA	3369.70	
MW-2	01/08/10	3429.97	ND	58.02	ND	NA	NA	NA	3371.95	
MW-2	01/13/10	3429.97	ND	58.02	ND	Pumped	0.10	24.90	3371.95	
MW-2	01/13/10	3429.97	ND	60.82	ND	NA	NA	NA	3369.15	
MW-2	01/20/10	3429.97	ND	58.02	ND	Pumped	0.00	15.00	3371.95	
MW-2	01/20/10	3429.97	ND	59.83	ND	NA	NA	NA	3370.14	
MW-2	01/27/10	3429.97	ND	58.06	ND	Pumped	0.10	19.90	3371.91	
MW-2	01/27/10	3429.97	ND	59.92	ND	NA	NA	NA	3370.05	
MW-2	02/11/10	3429.97	ND	57.96	ND	Pumped	0.00	10.00	3372.01	
MW-2	02/11/10	3429.97	ND	59.42	ND	NA	NA	NA	3370.55	
MW-2	02/17/10	3429.97	ND	58.10	ND	Pumped	0.10	9.90	3371.87	
MW-2	02/17/10	3429.97	ND	59.75	ND	NA	NA	NA	3370.22	
MW-2	03/02/10	3429.97	ND	57.87	ND	NA	NA	NA	3372.10	
MW-2	03/10/10	3429.97	ND	57.86	ND	Pumped	0.10	19.90	3372.11	
MW-2	03/10/10	3429.97	ND	58.81	ND	NA	NA	NA	3371.16	
MW-2	03/17/10	3429.97	ND	57.98	ND	Pumped	0.10	19.90	3371.99	
MW-2	03/17/10	3429.97	ND	59.13	ND	NA	NA	NA	3370.84	
MW-2	03/24/10	3429.97	ND	57.90	ND	NA	NA	NA	3372.07	
MW-2	03/31/10	3429.97	ND	57.87	ND	NA	NA	NA	3372.10	
MW-2	04/07/10	3429.97	ND	58.02	ND	NA	NA	NA	3371.95	
MW-2	04/14/10	3429.97	ND	57.89	ND	Pumped	0.10	19.90	3372.08	
MW-2	04/14/10	3429.97	ND	59.55	ND	NA	NA	NA	3370.42	
MW-2	04/21/10	3429.97	ND	57.88	ND	NA	NA	NA	3372.09	
MW-2	04/28/10	3429.97	ND	57.89	ND	Pumped	0.10	19.90	3372.08	
MW-2	04/28/10	3429.97	ND	58.53	ND	NA	NA	NA	3371.44	

TAL 2
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-2	05/05/10	3429.97	57.84	57.85	0.01	Hand Bailed	0.10	9.90	3372.13	
MW-2	05/05/10	3429.97	ND	60.40	ND	NA	NA	NA	3369.57	
MW-2	05/12/10	3429.97	57.84	57.85	0.01	Pumped	0.10	29.90	3372.13	
MW-2	05/12/10	3429.97	ND	60.30	ND	NA	NA	NA	3369.67	
MW-2	05/19/10	3429.97	57.98	58.00	0.02	Pumped	0.10	9.90	3371.99	
MW-2	05/19/10	3429.97	ND	58.82	ND	NA	NA	NA	3371.15	
MW-2	05/29/10	3429.97	57.98	57.99	0.01	Pumped	0.10	19.90	3371.99	
MW-2	05/29/10	3429.97	ND	60.25	ND	NA	NA	NA	3369.72	
MW-2	06/02/10	3429.97	57.97	57.98	0.01	Pumped	0.10	19.90	3372.00	
MW-2	06/02/10	3429.97	ND	59.70	ND	NA	NA	NA	3370.27	
MW-2	06/12/10	3429.97	58.03	58.04	0.01	Pumped	0.10	19.90	3371.94	
MW-2	06/12/10	3429.97	ND	60.20	ND	NA	NA	NA	3369.77	
MW-2	06/15/10	3429.97	58.95	58.96	0.01	Pumped	0.10	19.90	3371.02	
MW-2	06/15/10	3429.97	ND	59.75	ND	NA	NA	NA	3370.22	
MW-2	06/25/10	3429.97	ND	58.05	ND	Hand Bailed	0.10	4.90	3371.92	
MW-2	06/25/10	3429.97	ND	59.57	ND	NA	NA	NA	3370.40	
MW-2	06/30/10	3429.97	58.06	58.08	0.02	Pumped	0.10	19.90	3371.91	
MW-2	06/30/10	3429.97	ND	60.05	ND	NA	NA	NA	3369.92	
MW-2	07/07/10	3429.97	58.06	58.07	0.01	Pumped	0.10	19.90	3371.91	
MW-2	07/07/10	3429.97	59.84	59.84	0.00	NA	NA	NA	3370.13	
MW-2	07/14/10	3429.97	58.05	58.06	0.01	Pumped	0.10	19.90	3371.92	
MW-2	07/14/10	3429.97	ND	60.07	ND	NA	NA	NA	3369.90	
MW-2	07/21/10	3429.97	58.04	58.05	0.01	Pumped	0.10	19.90	3371.93	
MW-2	07/21/10	3429.97	ND	59.02	ND	NA	NA	NA	3370.95	
MW-2	07/28/10	3429.97	58.01	58.02	0.01	NA	NA	NA	3371.96	
MW-2	08/03/10	3429.97	58.00	58.01	0.01	Pumped	<0.25	10.00	3371.97	
MW-2	08/03/10	3429.97	ND	58.80	ND	NA	NA	NA	3371.17	
MW-2	08/11/10	3429.97	57.97	57.98	0.01	Pumped	0.10	19.90	3372.00	
MW-2	08/11/10	3429.97	ND	59.50	ND	NA	NA	NA	3370.47	
MW-2	08/18/10	3429.97	58.00	58.01	0.01	Pumped	0.10	19.90	3371.97	
MW-2	08/18/10	3429.97	ND	59.35	ND	NA	NA	NA	3370.62	
MW-2	08/25/10	3429.97	58.00	58.01	0.01	Pumped	0.10	19.90	3371.97	

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HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-2	08/25/10	3429.97	ND	59.10	ND	NA	NA	NA	3370.87	
MW-2	09/01/10	3429.97	57.98	57.99	0.01	Pumped	<0.25	25.00	3371.99	
MW-2	09/01/10	3429.97	ND	59.63	ND	NA	NA	NA	3370.34	
MW-2	09/08/10	3429.97	57.95	57.97	0.02	Pumped	0.20	19.80	3372.02	
MW-2	09/08/10	3429.97	ND	59.75	ND	NA	NA	NA	3370.22	
MW-2	09/15/10	3429.97	57.95	57.96	0.01	Pumped	0.20	19.80	3372.02	
MW-2	09/15/10	3429.97	ND	60.29	ND	NA	NA	NA	3369.68	
MW-2	09/21/10	3429.97	ND	57.96	ND	NA	NA	NA	3372.01	
MW-2	10/01/10	3429.97	58.00	58.01	0.01	Pumped	0.20	19.80	3371.97	
MW-2	10/01/10	3429.97	ND	59.43	ND	NA	NA	NA	3370.54	
MW-2	10/06/10	3429.97	ND	57.99	ND	Pumped	0.10	19.90	3371.98	
MW-2	10/06/10	3429.97	ND	59.23	ND	NA	NA	NA	3370.74	
MW-2	10/13/10	3429.97	57.98	57.99	0.01	Pumped	0.10	24.90	3371.99	
MW-2	10/13/10	3429.97	ND	59.65	ND	NA	NA	NA	3370.32	
MW-2	10/13/10	3429.97	57.97	57.98	0.01	NA	NA	NA	3372.00	
MW-2	10/22/10	3429.97	57.63	57.65	0.02	Pumped	0.10	9.90	3372.34	
MW-2	10/27/10	3429.97	ND	59.45	ND	NA	NA	NA	3370.52	
MW-2	11/03/10	3429.97	57.99	58.00	0.01	Pumped	0.10	14.90	3371.98	
MW-2	11/03/10	3429.97	ND	59.39	ND	NA	NA	NA	3370.58	
MW-2	11/10/10	3429.97	57.91	57.92	0.01	Pumped	0.10	19.90	3372.06	
MW-2	11/10/10	3429.97	ND	58.82	ND	NA	NA	NA	3371.15	
MW-2	11/16/10	3429.97	57.94	57.95	0.01	Pumped	0.10	19.90	3372.03	
MW-2	11/16/10	3429.97	ND	59.60	ND	NA	NA	NA	3370.37	
MW-2	11/23/10	3429.97	57.85	57.96	0.11	Pumped	<0.25	15.00	3372.10	
MW-2	11/23/10	3429.97	ND	59.45	ND	NA	NA	NA	3370.52	
MW-2	12/01/10	3429.97	57.92	57.93	0.01	Pumped	0.10	19.90	3372.05	
MW-2	12/01/10	3429.97	ND	59.35	ND	NA	NA	NA	3370.62	
MW-2	12/08/10	3429.97	57.88	57.89	0.01	Pumped	0.10	19.90	3372.09	
MW-2	12/08/10	3429.97	ND	59.26	ND	NA	NA	NA	3370.71	
MW-2	12/15/10	3429.97	57.84	57.85	0.01	Pumped	0.10	19.90	3372.13	
MW-2	12/15/10	3429.97	ND	59.83	ND	NA	NA	NA	3370.14	
MW-2	12/21/10	3429.97	57.90	57.91	0.01	Pumped	0.10	19.90	3372.07	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-2	12/21/10	3429.97	ND	59.89	ND	NA	NA	NA	3370.08	Intricate
MW-2	12/28/10	3429.97	NG	NG	NG	Pumped	0.10	29.90	NG	Information
MW-2	01/08/11	3429.97	ND	57.90	ND	NA	NA	NA	3372.07	
MW-2	01/12/11	3429.97	ND	57.95	ND	NA	NA	NA	3372.02	
MW-2	01/19/11	3429.97	ND	57.85	ND	NA	0.10	19.90	3372.12	
MW-2	01/19/11	3429.97	ND	59.80	ND	NA	NA	NA	3370.17	
MW-2	01/25/11	3429.97	57.89	57.90	0.01	Pumped	0.20	19.80	3372.08	
MW-2	01/25/11	3429.97	ND	60.40	ND	NA	NA	NA	3369.57	
MW-2	02/04/11	3429.97	57.91	57.92	0.01	NA	NA	NA	3372.06	
MW-2	02/08/11	3429.97	57.88	57.89	0.01	NA	0.20	19.80	3372.09	
MW-2	02/08/11	3429.97	ND	59.63	ND	NA	NA	NA	3370.34	
MW-2	02/16/11	3429.97	57.88	57.89	0.01	NA	0.10	19.90	3372.09	
MW-2	02/16/11	3429.97	ND	59.62	ND	NA	NA	NA	3370.35	
MW-2	02/24/11	3429.97	57.95	57.96	0.01	NA	0.00	20.00	3372.02	
MW-2	02/24/11	3429.97	ND	58.63	ND	NA	NA	NA	3371.34	
MW-2	03/02/11	3429.97	57.92	57.93	0.01	NA	0.10	24.90	3372.05	
MW-2	03/02/11	3429.97	ND	58.16	ND	NA	NA	NA	3371.81	
MW-2	03/08/11	3429.97	57.92	57.93	0.01	NA	NA	NA	3372.05	
MW-2	03/16/11	3429.97	57.94	57.95	0.01	NA	0.10	4.90	3372.03	
MW-2	03/16/11	3429.97	ND	59.60	ND	NA	NA	NA	3370.37	
MW-2	03/23/11	3429.97	57.95	57.97	0.02	NA	0.10	4.90	3372.02	
MW-2	03/23/11	3429.97	ND	59.13	ND	NA	NA	NA	3370.84	
MW-2	03/30/11	3429.97	57.88	57.92	0.04	NA	0.10	39.90	3372.08	
MW-2	03/30/11	3429.97	ND	58.70	ND	NA	NA	NA	3371.27	
MW-2	04/08/11	3429.97	57.93	57.94	0.01	NA	0.10	9.90	3372.04	
MW-2	04/08/11	3429.97	ND	58.87	ND	NA	NA	NA	3371.10	
MW-2	04/13/11	3429.97	57.94	57.95	0.01	NA	0.10	9.90	3372.03	
MW-2	04/13/11	3429.97	ND	58.90	ND	NA	NA	NA	3371.07	
MW-2	04/20/11	3429.97	57.95	57.97	0.02	NA	0.10	4.90	3372.02	
MW-2	04/20/11	3429.97	ND	59.04	ND	NA	NA	NA	3370.93	
MW-2	04/27/11	3429.97	58.00	58.02	0.02	NA	0.10	59.90	3371.97	
MW-2	04/27/11	3429.97	ND	60.50	ND	NA	NA	NA	3369.47	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-2	05/04/11	3429.97	57.95	57.97	0.02		0.10	39.90	3372.02	
MW-2	05/04/11	3429.97	ND	59.04	ND	NA	NA	NA	3370.93	
MW-2	05/11/11	3429.97	57.97	58.07	0.10		0.10	39.90	3371.99	
MW-2	05/11/11	3429.97	ND	59.53	ND	NA	NA	NA	3370.44	
MW-2	05/19/11	3429.97	58.02	58.03	0.01		0.20	29.80	3371.95	
MW-2	05/19/11	3429.97	ND	59.94	ND	NA	NA	NA	3370.03	
MW-2	05/24/11	3429.97	57.97	57.99	0.02		0.10	29.90	3372.00	
MW-2	06/02/11	3429.97	58.11	58.12	0.01	NA	NA	NA	3371.86	
MW-2	06/03/11	3429.97	58.17	58.20	0.03	NA	NA	NA	3371.80	Sampled
MW-2	06/08/11	3429.97	58.14	58.16	0.02		0.10	9.90	3371.83	
MW-2	06/08/11	3429.97	ND	59.26	ND	NA	NA	NA	3370.71	
MW-2	06/17/11	3429.97	58.20	58.22	0.02		0.00	10.00	3371.77	
MW-2	06/17/11	3429.97	ND	59.16	ND	NA	NA	NA	3370.81	
MW-2	06/21/11	3429.97	58.11	58.13	0.02		0.10	14.90	3371.86	
MW-2	06/21/11	3429.97	ND	59.05	ND	NA	NA	NA	3370.92	
MW-2	06/29/11	3429.97	58.22	58.25	0.03	NA	NA	NA	3371.75	
MW-2	07/06/11	3429.97	58.27	58.31	0.04		0.10	9.90	3371.69	
MW-2	07/06/11	3429.97	ND	58.71	ND	NA	NA	NA	3371.26	
MW-2	07/13/11	3429.97	58.28	58.38	0.10		0.10	11.90	3371.68	
MW-2	07/13/11	3429.97	ND	58.25	ND	NA	NA	NA	3371.72	
MW-2	07/21/11	3429.97	58.30	58.36	0.06		0.10	4.90	3371.66	
MW-2	07/21/11	3429.97	ND	58.90	ND	NA	NA	NA	3371.07	
MW-2	07/27/11	3429.97	58.31	58.40	0.09		0.10	9.90	3371.65	
MW-2	07/27/11	3429.97	ND	59.10	ND	NA	NA	NA	3370.87	
MW-2	08/03/11	3429.97	58.34	58.35	0.01		0.10	9.90	3371.63	
MW-2	08/03/11	3429.97	ND	59.48	ND	NA	NA	NA	3370.49	
MW-2	08/11/11	3429.97	58.36	58.52	0.16		0.10	4.90	3371.59	
MW-2	08/11/11	3429.97	ND	59.00	ND	NA	NA	NA	3370.97	
MW-2	08/17/11	3429.97	58.29	58.42	0.13	NA	NA	NA	3371.66	
MW-2	08/24/11	3429.97	58.42	58.61	0.19		0.10	9.90	3371.52	
MW-2	08/24/11	3429.97	ND	59.43	ND	NA	NA	NA	3370.54	
MW-2	08/29/11	3429.97	58.41	58.63	0.22		0.10	4.90	3371.53	

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							PSH	H ₂ O		
MW-2	08/29/11	3429.97	ND	59.01	ND	NA	NA	NA	3370.96	
MW-2	09/07/11	3429.97	58.45	58.64	0.19		0.20	9.80	3371.49	
MW-2	09/07/11	3429.97	ND	58.95	ND	NA	NA	NA	3371.02	
MW-2	09/14/11	3429.97	58.46	58.64	0.18		0.10	9.90	3371.48	
MW-2	09/14/11	3429.97	ND	59.00	ND	NA	NA	NA	3370.97	
MW-2	09/21/11	3429.97	58.49	58.66	0.17		0.10	9.90	3371.45	
MW-2	09/21/11	3429.97	ND	59.79	ND	NA	NA	NA	3370.18	
MW-2	09/26/11	3429.97	58.48	58.68	0.20		0.10	4.90	3371.46	
MW-2	09/26/11	3429.97	ND	59.28	ND	NA	NA	NA	3370.69	
MW-2	10/05/11	3429.97	58.44	58.59	0.15		<.25	20.00	3371.51	
MW-2	10/05/11	3429.97	ND	61.68	ND	NA	NA	NA	3368.29	
MW-2	10/12/11	3429.97	58.52	58.53	0.01		0.20	29.80	3371.45	
MW-2	10/12/11	3429.97	ND	61.59	ND	NA	NA	NA	3368.38	
MW-2	10/18/11	3429.97	58.52	58.53	0.01		0.20	29.80	3371.45	
MW-2	10/18/11	3429.97	ND	59.98	ND	NA	NA	NA	3369.99	
MW-2	10/28/11	3429.97	58.57	58.58	0.01		NA	NA	3371.40	
MW-2	11/02/11	3429.97	58.60	58.61	0.01		NA	NA	3371.37	
MW-2	11/09/11	3429.97	58.55	58.56	0.01		0.10	4.90	3371.42	
MW-2	11/09/11	3429.97	ND	59.60	ND	NA	NA	NA	3370.37	
MW-2	11/18/11	3429.97	58.83	58.90	0.07		0.10	4.90	3371.13	
MW-2	11/18/11	3429.97	ND	58.85	ND	NA	NA	NA	3371.12	
MW-2	11/23/11	3429.97	58.58	58.64	0.06		NA	NA	3371.38	
MW-2	11/29/11	3429.97	58.54	58.62	0.08		NA	NA	3371.42	
MW-2	12/13/11	3429.97	58.53	58.65	0.12		0.10	19.90	3371.42	
MW-2	12/13/11	3429.97	ND	60.00	ND	NA	NA	NA	3369.97	
MW-2	12/20/11	3429.97	58.55	58.56	0.01		NA	NA	3371.42	
MW-2	12/27/11	3429.97	58.55	58.56	0.01		0.10	9.90	3371.42	
MW-2	12/27/11	3429.97	ND	59.69	ND	NA	NA	NA	3370.28	
MW-2	01/04/12	3429.97	58.55	58.56	0.01		NA	NA	3371.42	
MW-2	01/13/12	3429.97	58.56	58.57	0.01	Hand Bailed	0.10	4.90	3371.41	
MW-2	01/13/12	3429.97	ND	59.20	ND	NA	NA	NA	3370.77	
MW-2	01/18/12	3429.97	58.54	58.60	0.06		0.10	19.90	3371.42	

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							PSH	H ₂ O		
MW-2	01/18/12	3429.97	ND	61.00	ND	NA	NA	NA	3368.97	
MW-2	01/27/12	3429.97	58.55	58.58	0.03		0.10	19.90	3371.42	
MW-2	01/27/12	3429.97	ND	60.90	ND	NA	NA	NA	3369.07	
MW-2	02/02/12	3429.97	58.53	58.54	0.01		0.20	49.80	3371.44	
MW-2	02/08/12	3429.97	58.55	58.56	0.01		0.10	9.90	3371.42	
MW-2	02/08/12	3429.97	ND	59.46	ND	NA	NA	NA	3370.51	
MW-2	02/15/12	3429.97	58.56	58.58	0.02		0.10	9.90	3371.41	
MW-2	02/15/12	3429.97	ND	58.88	ND	NA	NA	NA	3371.09	
MW-2	02/23/12	3429.97	58.50	58.54	0.04		NA	NA	3371.46	
MW-2	02/29/12	3429.97	58.55	58.58	0.03		0.10	19.90	3371.42	
MW-2	02/29/12	3429.97	ND	60.64	ND	NA	NA	NA	3369.33	
MW-2	03/14/12	3429.97	58.60	58.65	0.05		NA	NA	3371.36	
MW-2	03/21/12	3429.97	58.42	58.54	0.12		0.10	9.90	3371.53	
MW-2	03/21/12	3429.97	ND	59.62	ND	NA	NA	NA	3370.35	
MW-2	03/29/12	3429.97	58.50	58.56	0.06		0.10	9.90	3371.46	
MW-2	03/29/12	3429.97	ND	59.65	ND	NA	NA	NA	3370.32	
MW-2	04/03/12	3429.97	58.58	58.64	0.06		0.10	9.90	3371.38	
MW-2	04/03/12	3429.97	ND	59.74	ND	NA	NA	NA	3370.23	
MW-2	04/11/12	3429.97	58.80	58.99	0.19		0.10	9.90	3371.14	
MW-2	04/11/12	3429.97	ND	60.34	ND	NA	NA	NA	3369.63	
MW-2	04/20/12	3429.97	58.60	58.66	0.06		0.10	14.90	3371.36	
MW-2	04/20/12	3429.97	ND	59.89	ND	NA	NA	NA	3370.08	
MW-2	04/26/12	3429.97	58.55	58.65	0.10		0.10	9.90	3371.41	
MW-2	04/26/12	3429.97	ND	59.75	ND	NA	NA	NA	3370.22	
MW-2	05/02/12	3429.97	58.56	58.63	0.07		0.10	19.90	3371.40	
MW-2	05/02/12	3429.97	ND	60.22	ND	NA	NA	NA	3369.75	
MW-2	05/09/12	3429.97	58.59	58.60	0.01		NA	NA	3371.38	
MW-2	05/16/12	3429.97	58.92	58.93	0.01		NA	NA	3371.05	
MW-2	05/24/12	3429.97	58.60	58.61	0.01		NA	NA	3371.37	
MW-2	05/29/12	3429.97	58.58	58.59	0.01		NA	NA	3371.39	
MW-2	06/06/12	3429.97	58.60	58.62	0.02		0.00	10.00	3371.37	
MW-2	06/06/12	3429.97	ND	61.78	ND	NA	NA	NA	3368.19	

TAL 2
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
 Plains Marketing, L.P.
 Hugh Gathering
 SRS #2002-10235
 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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-2	06/13/12	3429.97	58.54	58.62	0.08		0.00	10.00	3371.42	
MW-2	06/13/12	3429.97	ND	61.94	ND	NA	NA	NA	3368.03	
MW-2	06/19/12	3429.97	58.55	58.56	0.01	NA	NA	NA	3371.42	
MW-2	06/27/12	3429.97	58.61	58.71	0.10		0.10	9.90	3371.35	
MW-2	06/27/12	3429.97	ND	61.18	ND	NA	NA	NA	3368.79	
MW-2	07/05/12	3429.97	58.68	58.70	0.02	NA	0.10	15.00	3371.29	
MW-2	07/05/12	3429.97	ND	59.62	ND	NA	0.10	NA	3370.35	
MW-2	07/11/12	3429.97	58.68	58.69	0.01	NA	0.10	20.00	3371.29	
MW-2	07/11/12	3429.97	ND	61.33	ND	NA	NA	NA	3368.64	
MW-2	07/18/12	3429.97	58.70	58.71	0.01	NA	0.01	NA	3371.27	
MW-2	07/25/12	3429.97	Sheen	58.69	Sheen	NA	NA	NA	3371.28	
MW-2	07/31/12	3429.97	58.15	58.76	0.61	NA	0.10	10.00	3371.73	
MW-2	07/31/12	3429.97	ND	61.35	ND	NA	NA	NA	3368.62	
MW-2	08/08/12	3429.97	58.78	58.85	0.07	NA	NA	NA	3371.18	
MW-2	08/13/12	3429.97	58.78	58.89	0.11		0.10	60.26	3371.17	
MW-2	08/20/12	3429.97	58.78	58.79	0.01	NA	NA	NA	3371.19	
MW-2	09/12/12	3429.97	ND	58.78	ND	NA	NA	NA	3371.19	
MW-2	09/20/12	3429.97	58.80	58.83	0.03	NA	NA	NA	3371.17	
MW-2	10/02/12	3429.97	58.81	58.84	0.03	NA	0.10	10.00	3371.16	
MW-2	10/02/12	3429.97	ND	60.34	ND	NA	NA	NA	3369.63	
MW-2	10/10/12	3429.97	58.80	58.82	0.02	NA	NA	NA	3371.17	
MW-2	10/16/12	3429.97	58.01	58.80	0.79	NA	NA	NA	3371.84	
MW-2	10/24/12	3429.97	58.79	58.82	0.03	NA	NA	NA	3371.18	
MW-2	10/30/12	3429.97	58.81	58.89	0.08	NA	NA	NA	3371.15	
MW-2	11/06/12	3429.97	58.82	58.91	0.09	NA	NA	NA	3371.14	
MW-2	11/13/12	3429.97	58.85	58.93	0.08	NA	NA	NA	3371.11	
MW-2	11/19/12	3429.97	58.82	58.92	0.10	NA	NA	NA	3371.14	
MW-2	12/05/12	3429.97	58.80	59.00	0.20	NA	NA	NA	3371.14	
MW-2	12/11/12	3429.97	58.85	59.00	0.15	NA	0.10	10.00	3371.10	
MW-2	12/11/12	3429.97	ND	60.05	ND	NA	NA	NA	3369.92	
MW-3	02/21/07	3429.89	ND	57.71	ND	NA	NA	NA	3372.18	

TAB 2
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-3	03/07/07	3429.89	ND	57.66	ND	NA	NA	NA	3372.23	No Sock
MW-3	03/14/07	3429.89	ND	57.68	ND	NA	NA	NA	3372.21	No Sock
MW-3	03/21/07	3429.89	ND	57.66	ND	NA	NA	NA	3372.23	No Sock
MW-3	04/03/07	3429.89	ND	55.92	ND	NA	NA	NA	3373.97	No Sock
MW-3	04/10/07	3429.89	ND	55.97	ND	NA	NA	NA	3373.92	No Sock
MW-3	04/18/07	3429.89	ND	57.62	ND	NA	NA	NA	3372.27	No Sock
MW-3	04/24/07	3429.89	ND	57.65	ND	NA	NA	NA	3372.24	No Sock
MW-3	05/03/07	3429.89	ND	55.97	ND	NA	NA	NA	3373.92	No Sock
MW-3	05/11/07	3429.89	ND	51.68	ND	NA	NA	NA	3378.21	No Sock
MW-3	05/16/07	3429.89	ND	56.22	ND	NA	NA	NA	3373.67	No Sock
MW-3	05/23/07	3429.89	ND	57.36	ND	NA	NA	NA	3372.53	No Sock
MW-3	05/31/07	3429.89	ND	57.60	ND	NA	NA	NA	3372.29	No Sock
MW-3	06/06/07	3429.89	ND	57.64	ND	NA	NA	NA	3372.25	No Sock
MW-3	06/13/07	3429.89	ND	57.65	ND	NA	NA	NA	3372.24	No Sock
MW-3	06/19/07	3429.89	ND	57.52	ND	NA	NA	NA	3372.37	No Sock
MW-3	06/27/07	3429.89	ND	57.70	ND	NA	NA	NA	3372.19	No Sock
MW-3	07/05/07	3429.89	ND	57.63	ND	NA	NA	NA	3372.26	No Sock
MW-3	07/11/07	3429.89	ND	57.65	ND	NA	NA	NA	3372.24	No Sock
MW-3	07/19/07	3429.89	ND	57.63	ND	NA	NA	NA	3372.26	No Sock
MW-3	07/24/07	3429.89	ND	57.66	ND	NA	NA	NA	3372.23	No Sock
MW-3	07/31/07	3429.89	ND	57.69	ND	NA	NA	NA	3372.20	No Sock
MW-3	08/09/07	3429.89	ND	57.67	ND	NA	NA	NA	3372.22	No Sock
MW-3	08/16/07	3429.89	ND	57.65	ND	NA	NA	NA	3372.24	No Sock
MW-3	08/22/07	3429.89	ND	57.51	ND	NA	NA	NA	3372.38	No Sock
MW-3	08/28/07	3429.89	ND	57.71	ND	NA	NA	NA	3372.18	No Sock
MW-3	09/06/07	3429.89	ND	57.49	ND	NA	NA	NA	3372.40	No Sock
MW-3	09/13/07	3429.89	ND	57.72	ND	NA	NA	NA	3372.17	No Sock
MW-3	09/18/07	3429.89	ND	57.70	ND	NA	NA	NA	3372.19	No Sock
MW-3	09/26/07	3429.89	ND	57.74	ND	NA	NA	NA	3372.15	No Sock
MW-3	10/04/07	3429.89	ND	57.71	ND	NA	NA	NA	3372.18	No Sock
MW-3	10/10/07	3429.89	ND	57.79	ND	NA	NA	NA	3372.10	No Sock
MW-3	10/17/07	3429.89	ND	57.80	ND	NA	NA	NA	3372.09	No Sock

TAL 2
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-3	10/24/07	3429.89	ND	57.69	ND	NA	NA	NA	3372.20	No Sock
MW-3	10/31/07	3429.89	ND	57.68	ND	NA	NA	NA	3372.21	No Sock
MW-3	11/07/07	3429.89	ND	57.73	ND	NA	NA	NA	3372.16	No Sock
MW-3	11/13/07	3429.89	ND	57.72	ND	NA	NA	NA	3372.17	No Sock
MW-3	11/20/07	3429.89	ND	57.76	ND	NA	NA	NA	3372.13	No Sock
MW-3	11/27/07	3429.89	ND	57.74	ND	NA	NA	NA	3372.15	No Sock
MW-3	12/05/07	3429.89	ND	57.72	ND	NA	NA	NA	3372.17	No Sock
MW-3	12/12/07	3429.89	ND	57.70	ND	NA	NA	NA	3372.19	No Sock
MW-3	12/18/07	3429.89	ND	57.70	ND	NA	NA	NA	3372.19	No Sock
MW-3	12/27/07	3429.89	ND	57.68	ND	NA	NA	NA	3372.21	No Sock
MW-3	01/03/08	3429.89	ND	57.72	ND	NA	NA	NA	3372.17	No Sock
MW-3	01/09/08	3429.89	ND	57.70	ND	NA	NA	NA	3372.19	No Sock
MW-3	01/17/08	3429.89	ND	57.65	ND	NA	NA	NA	3372.24	No Sock
MW-3	01/23/08	3429.89	ND	57.68	ND	NA	NA	NA	3372.21	No Sock
MW-3	01/30/08	3429.89	ND	57.67	ND	NA	NA	NA	3372.22	No Sock
MW-3	02/06/08	3429.89	ND	57.80	ND	NA	NA	NA	3372.09	No Sock
MW-3	02/13/08	3429.89	ND	57.61	ND	NA	NA	NA	3372.28	No Sock
MW-3	02/19/08	3429.89	ND	57.62	ND	NA	NA	NA	3372.27	No Sock
MW-3	02/19/08	3429.89	ND	65.20	ND		5.00	0.00	3364.69	No Sock
MW-3	02/27/08	3429.89	ND	57.82	ND	NA	NA	NA	3372.07	No Sock
MW-3	03/04/08	3429.89	ND	57.67	ND	NA	NA	NA	3372.22	No Sock
MW-3	03/12/08	3429.89	ND	57.85	ND	NA	NA	NA	3372.04	No Sock
MW-3	03/19/08	3429.89	ND	57.90	ND	NA	NA	NA	3371.99	No Sock
MW-3	03/26/08	3429.89	ND	57.65	ND	NA	NA	NA	3372.24	No Sock
MW-3	04/02/08	3429.89	ND	57.62	ND	NA	NA	NA	3372.27	No Sock
MW-3	04/09/08	3429.89	ND	57.65	ND	NA	NA	NA	3372.24	No Sock
MW-3	04/16/08	3429.89	ND	57.70	ND	NA	NA	NA	3372.19	No Sock
MW-3	04/24/08	3429.89	ND	57.61	ND	NA	NA	NA	3372.28	No Sock
MW-3	04/30/08	3429.89	ND	57.59	ND	NA	NA	NA	3372.30	No Sock
MW-3	05/05/08	3429.89	ND	57.61	ND	NA	NA	NA	3372.28	No Sock
MW-3	05/14/08	3429.89	ND	57.65	ND	NA	NA	NA	3372.24	No Sock
MW-3	05/20/08	3429.89	ND	57.68	ND	NA	NA	NA	3372.21	No Sock

TAL 2
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-3	05/29/08	3429.89	ND	57.70	ND	NA	NA	NA	3372.19	No Sock
MW-3	06/04/08	3429.89	ND	57.73	ND	NA	NA	NA	3372.16	No Sock
MW-3	06/11/08	3429.89	ND	57.77	ND	NA	NA	NA	3372.12	No Sock
MW-3	06/18/08	3429.89	ND	57.81	ND	NA	NA	NA	3372.08	No Sock
MW-3	06/26/08	3429.89	ND	57.88	ND	NA	NA	NA	3372.01	No Sock
MW-3	07/02/08	3429.89	ND	57.87	ND	NA	NA	NA	3372.02	No Sock
MW-3	07/07/08	3429.89	ND	57.79	ND	NA	NA	NA	3372.10	No Sock
MW-3	07/16/08	3429.89	ND	57.84	ND	NA	NA	NA	3372.05	No Sock
MW-3	07/21/08	3429.89	ND	57.88	ND	NA	NA	NA	3372.01	No Sock
MW-3	07/29/08	3429.89	ND	57.91	ND	NA	NA	NA	3371.98	No Sock
MW-3	08/06/08	3429.89	ND	57.93	ND	NA	NA	NA	3371.96	No Sock
MW-3	08/13/08	3429.89	ND	57.92	ND	NA	NA	NA	3371.97	No Sock
MW-3	08/18/08	3429.89	ND	57.83	ND	NA	NA	NA	3372.06	No Sock
MW-3	08/27/08	3429.89	ND	57.85	ND	NA	NA	NA	3372.04	No Sock
MW-3	09/02/08	3429.89	ND	57.89	ND	NA	NA	NA	3372.00	No Sock
MW-3	09/09/08	3429.89	ND	57.93	ND	NA	NA	NA	3371.96	No Sock
MW-3	09/17/08	3429.89	ND	57.50	ND	NA	NA	NA	3372.39	No Sock
MW-3	09/24/08	3429.89	ND	57.80	ND	NA	NA	NA	3372.09	No Sock
MW-3	10/01/08	3429.89	ND	57.83	ND	NA	NA	NA	3372.06	No Sock
MW-3	10/08/08	3429.89	ND	57.82	ND	NA	NA	NA	3372.07	No Sock
MW-3	10/15/08	3429.89	ND	57.85	ND	NA	NA	NA	3372.04	No Sock
MW-3	10/22/08	3429.89	ND	57.85	ND	NA	NA	NA	3372.04	No Sock
MW-3	10/29/08	3429.89	ND	57.84	ND	NA	NA	NA	3372.05	No Sock
MW-3	11/05/08	3429.89	ND	57.87	ND	NA	NA	NA	3372.02	No Sock
MW-3	11/12/08	3429.89	NG	NG	NG	NA	NA	NA	NG	No Sock
MW-3	11/20/08	3429.89	ND	57.80	ND	NA	NA	NA	3372.09	No Sock
MW-3	11/26/08	3429.89	ND	57.80	ND	NA	NA	NA	3372.09	No Sock
MW-3	12/03/08	3429.89	ND	57.82	ND	NA	NA	NA	3372.07	No Sock
MW-3	12/10/08	3429.89	ND	57.81	ND	NA	NA	NA	3372.08	No Sock
MW-3	12/17/08	3429.89	ND	57.86	ND	NA	NA	NA	3372.03	No Sock
MW-3	12/21/08	3429.89	ND	57.78	ND	NA	NA	NA	3372.11	No Sock
MW-3	12/31/08	3429.89	ND	57.82	ND	NA	NA	NA	3372.07	No Sock

TAL 2 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-3	01/02/09	3429.89	ND	57.82	ND	NA	NA	NA	3372.07	No Sock
MW-3	01/07/09	3429.89	ND	57.76	ND	NA	NA	NA	3372.13	No Sock
MW-3	01/15/09	3429.89	ND	57.82	ND	NA	NA	NA	3372.07	No Sock
MW-3	01/22/09	3429.89	ND	57.81	ND	NA	NA	NA	3372.08	No Sock
MW-3	01/28/09	3429.89	ND	57.82	ND	NA	NA	NA	3372.07	No Sock
MW-3	02/04/09	3429.89	ND	57.78	ND	NA	NA	NA	3372.11	No Sock
MW-3	02/04/09	3429.89	ND	57.76	ND	NA	NA	NA	3372.13	No Sock
MW-3	02/18/09	3429.89	ND	57.79	ND	NA	NA	NA	3372.10	No Sock
MW-3	02/25/09	3429.89	ND	57.79	ND	NA	NA	NA	3372.10	No Sock
MW-3	03/04/09	3429.89	ND	57.77	ND	NA	NA	NA	3372.12	No Sock
MW-3	03/11/09	3429.89	ND	57.72	ND	NA	NA	NA	3372.17	No Sock
MW-3	03/18/09	3429.89	ND	57.77	ND	NA	NA	NA	3372.12	No Sock
MW-3	03/25/09	3429.89	ND	57.74	ND	NA	NA	NA	3372.15	No Sock
MW-3	04/01/09	3429.89	ND	57.76	ND	NA	NA	NA	3372.13	No Sock
MW-3	04/08/09	3429.89	ND	57.77	ND	NA	NA	NA	3372.12	No Sock
MW-3	04/15/09	3429.89	ND	57.75	ND	NA	NA	NA	3372.14	No Sock
MW-3	04/22/09	3429.89	ND	57.76	ND	NA	NA	NA	3372.13	No Sock
MW-3	04/22/09	3429.89	ND	65.15	ND	Pumped	0.00	5.00	3364.74	
MW-3	04/29/09	3429.89	ND	57.80	ND	NA	NA	NA	3372.09	No Sock
MW-3	05/06/09	3429.89	ND	57.75	ND	NA	NA	NA	3372.14	No Sock
MW-3	05/14/09	3429.89	ND	57.77	ND	NA	NA	NA	3372.12	No Sock
MW-3	05/20/09	3429.89	ND	57.83	ND	NA	NA	NA	3372.06	No Sock
MW-3	05/27/09	3429.89	ND	57.76	ND		0.00	7.00	3372.13	No Sock
MW-3	05/27/09	3429.89	ND	65.89	ND	NA	NA	NA	3364.00	No Sock
MW-3	06/03/09	3429.89	ND	57.86	ND	NA	NA	NA	3372.03	No Sock
MW-3	06/11/09	3429.89	ND	57.84	ND	NA	NA	NA	3372.05	No Sock
MW-3	06/17/09	3429.89	ND	57.86	ND	NA	NA	NA	3372.03	No Sock
MW-3	06/23/09	3429.89	ND	57.65	ND	NA	NA	NA	3372.24	No Sock
MW-3	07/01/09	3429.89	ND	57.88	ND	NA	NA	NA	3372.01	No Sock
MW-3	07/07/09	3429.89	ND	56.95	ND	NA	NA	NA	3372.94	No Sock
MW-3	07/15/09	3429.89	ND	57.83	ND	NA	NA	NA	3372.06	No Sock
MW-3	07/22/09	3429.89	ND	57.90	ND	NA	NA	NA	3371.99	No Sock

TAB. 1
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.
 Hugh Gathering
 SRS #2002-10235
 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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-3	07/29/09	3429.89	ND	56.97	ND	NA	NA	NA	3372.92	No Sock
MW-3	08/05/09	3429.89	ND	57.81	ND	NA	NA	NA	3372.08	No Sock
MW-3	08/12/09	3429.89	ND	57.90	ND	NA	NA	NA	3371.99	
MW-3	08/19/09	3429.89	ND	57.91	ND	NA	NA	NA	3371.98	
MW-3	08/27/09	3429.89	ND	57.92	ND	NA	NA	NA	3371.97	
MW-3	09/02/09	3429.89	ND	57.92	ND	NA	NA	NA	3371.97	
MW-3	09/09/09	3429.89	ND	57.93	ND	NA	NA	NA	3371.96	No Sock
MW-3	09/16/09	3429.89	ND	58.00	ND	NA	NA	NA	3371.89	No Sock
MW-3	09/23/09	3429.89	ND	58.02	ND	NA	NA	NA	3371.87	No Sock
MW-3	09/23/09	3429.89	ND	65.70	ND	Pumped	0.00	5.00	3364.19	Pumped Dry
MW-3	09/30/09	3429.89	ND	58.22	ND	NA	NA	NA	3371.67	No Sock
MW-3	10/07/09	3429.89	ND	58.05	ND	NA	NA	NA	3371.84	No Sock
MW-3	10/14/09	3429.89	ND	58.04	ND	NA	NA	NA	3371.85	No Sock
MW-3	10/21/09	3429.89	ND	58.04	ND	Hand Bailed	0.00	6.00	3371.85	Bailed Dry
MW-3	10/21/09	3429.89	ND	66.67	ND	NA	NA	NA	3363.22	No Sock
MW-3	10/29/09	3429.89	ND	58.15	ND	Pumped	0.00	4.00	3371.74	Pumped Dry
MW-3	10/29/09	3429.89	ND	62.22	ND	NA	NA	NA	3367.67	No Sock
MW-3	11/04/09	3429.89	ND	58.25	ND	NA	NA	NA	3371.64	No Sock
MW-3	11/11/09	3429.89	ND	58.07	ND	NA	NA	NA	3371.82	No Sock
MW-3	11/17/09	3429.89	ND	58.08	ND		0.00	3.50	3371.81	No Sock
MW-3	11/17/09	3429.89	ND	63.12	ND	NA	NA	NA	3366.77	No Sock
MW-3	11/25/09	3429.89	ND	58.15	ND	NA	NA	NA	3371.74	No Sock
MW-3	12/02/09	3429.89	ND	58.05	ND		0.00	3.50	3371.84	No Sock
MW-3	12/02/09	3429.89	ND	63.91	ND	NA	NA	NA	3365.98	No Sock
MW-3	12/09/09	3429.89	ND	58.21	ND	NA	NA	NA	3371.68	No Sock
MW-3	12/09/09	3429.89	ND	58.21	ND	NA	NA	NA	3371.68	No Sock
MW-3	12/16/09	3429.89	ND	58.09	ND	NA	NA	NA	3371.80	No Sock
MW-3	12/23/09	3429.89	ND	58.05	ND	NA	NA	NA	3371.84	No Sock
MW-3	12/30/09	3429.89	ND	58.08	ND	NA	NA	NA	3371.81	No Sock
MW-3	01/06/10	3429.89	ND	58.06	ND	NA	NA	NA	3371.83	No Sock
MW-3	01/13/10	3429.89	ND	58.08	ND	NA	NA	NA	3371.81	No Sock
MW-3	01/20/10	3429.89	ND	58.05	ND		0.00	5.00	3371.84	No Sock

TAB

HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.

Hugh Gathering

SRS #2002-10235

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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-3	01/20/10	3429.89	ND	65.15	ND	NA	NA	NA	3364.74	No Sock
MW-3	01/27/10	3429.89	ND	58.24	ND	NA	NA	NA	3371.65	No Sock
MW-3	02/11/10	3429.89	ND	57.38	ND	NA	NA	NA	3372.51	No Sock
MW-3	02/17/10	3429.89	ND	57.96	ND	NA	NA	NA	3371.93	No Sock
MW-3	03/02/10	3429.89	ND	57.98	ND	NA	NA	NA	3371.91	No Sock
MW-3	03/10/10	3429.89	ND	57.97	ND	NA	NA	NA	3371.92	No Sock
MW-3	03/17/10	3429.89	ND	58.00	ND	NA	NA	NA	3371.89	No Sock
MW-3	03/24/10	3429.89	ND	57.95	ND	NA	NA	NA	3371.94	No Sock
MW-3	03/31/10	3429.89	ND	57.95	ND	NA	NA	NA	3371.94	No Sock
MW-3	04/07/10	3429.89	ND	57.97	ND	NA	NA	NA	3371.92	No Sock
MW-3	04/14/10	3429.89	ND	57.96	ND	NA	NA	NA	3371.93	No Sock
MW-3	04/21/10	3429.89	ND	57.95	ND	NA	NA	NA	3371.94	No Sock
MW-3	04/28/10	3429.89	ND	58.03	ND	NA	NA	NA	3371.86	No Sock
MW-3	05/05/10	3429.89	ND	57.95	ND	NA	NA	NA	3371.94	No Sock
MW-3	05/12/10	3429.89	ND	57.95	ND	NA	0.00	5.00	3371.94	No Sock
MW-3	05/12/10	3429.89	ND	64.70	ND	NA	NA	NA	3365.19	No Sock
MW-3	05/19/10	3429.89	ND	58.25	ND	NA	NA	NA	3371.64	No Sock
MW-3	05/29/10	3429.89	ND	58.08	ND	NA	NA	NA	3371.81	No Sock
MW-3	06/02/10	3429.89	ND	58.08	ND	NA	NA	NA	3371.81	No Sock
MW-3	06/12/10	3429.89	ND	58.12	ND	NA	NA	NA	3371.77	No Sock
MW-3	06/15/10	3429.89	ND	58.01	ND	NA	NA	NA	3371.88	No Sock
MW-3	06/25/10	3429.89	ND	58.14	ND	NA	NA	NA	3371.75	No Sock
MW-3	06/30/10	3429.89	ND	58.16	ND	NA	NA	NA	3371.73	No Sock
MW-3	07/07/10	3429.89	ND	58.17	ND	NA	NA	NA	3371.72	No Sock
MW-3	07/14/10	3429.89	ND	58.16	ND	NA	NA	NA	3371.73	No Sock
MW-3	07/21/10	3429.89	ND	58.14	ND	NA	NA	NA	3371.75	No Sock
MW-3	07/28/10	3429.89	ND	58.12	ND	NA	NA	NA	3371.77	No Sock
MW-3	08/03/10	3429.89	ND	58.10	ND	NA	NA	NA	3371.79	No Sock
MW-3	08/11/10	3429.89	ND	58.04	ND	NA	NA	NA	3371.85	No Sock
MW-3	08/18/10	3429.89	ND	58.09	ND	NA	NA	NA	3371.80	No Sock
MW-3	08/25/10	3429.89	ND	58.11	ND	NA	NA	NA	3371.78	No Sock
MW-3	09/01/10	3429.89	ND	58.07	ND	NA	NA	NA	3371.82	No Sock

TAB. 1
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
 Plains Marketing, L.P.
 Hugh Gathering
 SRS #2002-10235
 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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-3	09/08/10	3429.89	ND	58.09	ND	NA	NA	NA	3371.80	No Sock
MW-3	09/15/10	3429.89	ND	58.08	ND	NA	NA	NA	3371.81	No Sock
MW-3	09/21/10	3429.89	ND	58.05	ND	NA	NA	NA	3371.84	No Sock
MW-3	10/01/10	3429.89	ND	58.10	ND	NA	NA	NA	3371.79	No Sock
MW-3	10/06/10	3429.89	ND	58.09	ND	NA	NA	NA	3371.80	No Sock
MW-3	10/13/10	3429.89	ND	58.10	ND	NA	NA	NA	3371.79	No Sock
MW-3	10/22/10	3429.89	ND	58.09	ND	NA	NA	NA	3371.80	No Sock
MW-3	10/27/10	3429.89	ND	58.03	ND	NA	NA	NA	3371.86	No Sock
MW-3	11/03/10	3429.89	ND	58.10	ND	NA	NA	NA	3371.79	No Sock
MW-3	11/10/10	3429.89	ND	58.00	ND	NA	NA	NA	3371.89	No Sock
MW-3	11/16/10	3429.89	ND	58.10	ND	NA	NA	NA	3371.79	No Sock
MW-3	11/23/10	3429.89	ND	58.02	ND	NA	NA	NA	3371.87	No Sock
MW-3	12/01/10	3429.89	ND	58.03	ND	NA	NA	NA	3371.86	No Sock
MW-3	12/08/10	3429.89	ND	58.06	ND	NA	NA	NA	3371.83	No Sock
MW-3	12/15/10	3429.89	ND	58.02	ND	NA	NA	NA	3371.87	No Sock
MW-3	12/21/10	3429.89	ND	58.01	ND	NA	NA	NA	3371.88	No Sock
MW-3	01/08/11	3429.89	ND	58.02	ND	NA	NA	NA	3371.87	
MW-3	01/12/11	3429.89	ND	58.04	ND	NA	NA	NA	3371.85	
MW-3	01/19/11	3429.89	ND	58.01	ND	NA	NA	NA	3371.88	
MW-3	01/25/11	3429.89	ND	58.03	ND	NA	NA	NA	3371.86	
MW-3	02/04/11	3429.89	ND	58.03	ND	NA	NA	NA	3371.86	
MW-3	02/08/11	3429.89	ND	58.02	ND	NA	NA	NA	3371.87	
MW-3	02/16/11	3429.89	Sheen	58.03	Sheen	NA	NA	NA	3371.86	
MW-3	02/24/11	3429.89	ND	58.03	ND	NA	NA	NA	3371.86	
MW-3	03/02/11	3429.89	ND	58.03	ND	NA	NA	NA	3371.86	
MW-3	03/08/11	3429.89	ND	58.02	ND		0.00	5.00	3371.87	
MW-3	03/08/11	3429.89	ND	58.78	ND	NA	NA	NA	3371.11	
MW-3	03/16/11	3429.89	ND	58.04	ND	NA	NA	NA	3371.85	
MW-3	03/23/11	3429.89	58.03	58.04	0.01		0.10	4.90	3371.86	
MW-3	03/23/11	3429.89	ND	65.06	ND	NA	NA	NA	3364.83	
MW-3	03/30/11	3429.89	ND	58.27	ND	NA	NA	NA	3371.62	
MW-3	04/08/11	3429.89	ND	58.34	ND	NA	NA	NA	3371.55	

TAB.
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-3	04/13/11	3429.89	ND	58.05	ND	NA	NA	NA	3371.84	
MW-3	04/20/11	3429.89	ND	58.05	ND	NA	NA	NA	3371.84	
MW-3	04/27/11	3429.89	ND	58.05	ND	NA	NA	NA	3371.84	
MW-3	05/04/11	3429.89	ND	58.08	ND	NA	NA	NA	3371.81	
MW-3	05/11/11	3429.89	Sheen	58.07	Sheen	NA	NA	NA	3371.82	
MW-3	05/19/11	3429.89	Sheen	58.09	Sheen	NA	NA	NA	3371.80	
MW-3	05/24/11	3429.89	ND	58.18	ND	NA	NA	NA	3371.71	
MW-3	06/03/11	3429.89	Sheen	58.27	Sheen	NA	NA	NA	3371.62	
MW-3	06/08/11	3429.89	ND	58.25	ND	NA	NA	NA	3371.64	
MW-3	06/17/11	3429.89	ND	58.20	ND	NA	NA	NA	3371.69	
MW-3	06/21/11	3429.89	ND	58.19	ND	NA	NA	NA	3371.70	
MW-3	06/29/11	3429.89	Sheen	58.36	Sheen	NA	NA	NA	3371.53	
MW-3	07/06/11	3429.89	ND	58.59	ND	NA	NA	NA	3371.30	
MW-3	07/13/11	3429.89	Sheen	58.41	Sheen	NA	NA	NA	3371.48	
MW-3	07/21/11	3429.89	ND	58.44	ND	NA	NA	NA	3371.45	
MW-3	07/27/11	3429.89	ND	58.46	ND	NA	NA	NA	3371.43	
MW-3	08/03/11	3429.89	ND	58.47	ND	NA	NA	NA	3371.42	
MW-3	08/11/11	3429.89	ND	58.50	ND	NA	NA	NA	3371.39	
MW-3	08/17/11	3429.89	ND	58.43	ND	NA	NA	NA	3371.46	
MW-3	08/24/11	3429.89	Sheen	58.56	Sheen	NA	NA	NA	3371.33	
MW-3	08/29/11	3429.89	Sheen	58.57	Sheen	NA	NA	NA	3371.32	
MW-3	09/07/11	3429.89	sheen	58.60	sheen	NA	0.10	4.90	3371.29	
MW-3	09/07/11	3429.89	ND	64.65	ND	NA	NA	NA	3365.24	
MW-3	09/14/11	3429.89	ND	58.88	ND	NA	NA	NA	3371.01	
MW-3	09/21/11	3429.89	Sheen	58.64	Sheen	NA	NA	NA	3371.25	
MW-3	09/26/11	3429.89	Sheen	58.61	Sheen	NA	NA	NA	3371.28	
MW-3	10/05/11	3429.89	ND	58.63	ND	NA	NA	NA	3371.26	
MW-3	10/12/11	3429.89	Light Sheen	58.64	Light Sheen	NA	NA	NA	3371.25	
MW-3	10/18/11	3429.89	ND	58.69	ND	NA	NA	NA	3371.20	
MW-3	10/28/11	3429.89	ND	58.68	ND	NA	NA	NA	3371.21	
MW-3	11/02/11	3429.89	ND	58.67	ND	NA	NA	NA	3371.22	
MW-3	11/09/11	3429.89	Sheen	58.67	Sheen	NA	NA	NA	3371.22	

TAB
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.
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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-3	11/18/11	3429.89	Sheen	58.68	Sheen	NA	NA	NA	3371.21	
MW-3	11/23/11	3429.89	Sheen	58.68	Sheen	NA	NA	NA	3371.21	
MW-3	11/29/11	3429.89	Sheen	58.67	Sheen	NA	NA	NA	3371.22	
MW-3	12/13/11	3429.89	ND	58.70	ND	NA	NA	NA	3371.19	
MW-3	12/20/11	3429.89	Sheen	58.68	Sheen	NA	NA	NA	3371.21	
MW-3	12/27/11	3429.89	Light Sheen	58.63	Light Sheen	NA	NA	NA	3371.26	
MW-3	01/04/12	3429.89	Sheen	58.68	Sheen	NA	NA	NA	3371.21	
MW-3	01/13/12	3429.89	Sheen	58.66	Sheen	NA	NA	NA	3371.23	
MW-3	01/18/12	3429.89	Sheen	58.67	Sheen	NA	NA	NA	3371.22	
MW-3	01/27/12	3429.89	ND	58.61	ND	NA	NA	NA	3371.28	
MW-3	02/02/12	3429.89	ND	58.66	ND	NA	NA	NA	3371.23	
MW-3	02/08/12	3429.89	ND	58.68	ND	NA	NA	NA	3371.21	
MW-3	02/15/12	3429.89	Sheen	58.66	Sheen	NA	NA	NA	3371.23	
MW-3	02/23/12	3429.89	ND	58.66	ND	NA	NA	NA	3371.23	
MW-3	02/29/12	3429.89	ND	58.66	ND	NA	NA	NA	3371.23	
MW-3	03/14/12	3429.89	NG	NG	NG	NG	NG	NG	NG	No Key
MW-3	03/21/12	3429.89	ND	58.58	ND	NA	NA	NA	3371.31	
MW-3	03/29/12	3429.89	ND	58.42	ND	NA	NA	NA	3371.47	
MW-3	04/03/12	3429.89	ND	58.68	ND	NA	NA	NA	3371.21	
MW-3	04/11/12	3429.89	ND	58.54	ND	NA	NA	NA	3371.35	
MW-3	04/20/12	3429.89	ND	58.71	ND	NA	NA	NA	3371.18	
MW-3	04/26/12	3429.89	ND	58.68	ND	NA	NA	NA	3371.21	
MW-3	05/02/12	3429.89	ND	58.70	ND	NA	NA	NA	3371.19	
MW-3	05/09/12	3429.89	ND	58.72	ND	NA	NA	NA	3371.17	
MW-3	05/16/12	3429.89	ND	58.76	ND	NA	NA	NA	3371.13	
MW-3	05/24/12	3429.89	ND	58.73	ND	NA	NA	NA	3371.16	
MW-3	05/29/12	3429.89	ND	59.27	ND	NA	NA	NA	3370.62	
MW-3	06/06/12	3429.89	ND	58.72	ND	NA	NA	NA	3371.17	
MW-3	06/13/12	3429.89	ND	58.68	ND	NA	NA	NA	3371.21	
MW-3	06/19/12	3429.89	ND	58.68	ND	NA	NA	NA	3371.21	
MW-3	06/27/12	3429.89	Sheen	58.72	Sheen	NA	NA	NA	3371.17	
MW-3	07/05/12	3429.89	ND	58.78	ND	NA	NA	NA	3371.11	

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							PSH	H ₂ O		
MW-3	07/11/12	3429.89	ND	58.80	ND	NA	NA	NA	3371.09	
MW-3	07/18/12	3429.89	ND	58.80	ND	NA	NA	NA	3371.09	
MW-3	07/25/12	3429.89	ND	58.86	ND	NA	NA	NA	3371.03	
MW-3	07/31/12	3429.89	ND	58.85	ND	NA	NA	NA	3371.04	
MW-3	08/08/12	3429.89	ND	58.88	ND	NA	NA	NA	3371.01	
MW-3	08/13/12	3429.89	ND	58.30	ND	NA	NA	NA	3371.59	
MW-3	08/20/12	3429.89	ND	58.91	ND	NA	NA	NA	3370.98	
MW-3	09/05/12	3429.89	ND	58.93	ND	NA	NA	NA	3370.96	
MW-3	09/12/12	3429.89	ND	58.90	ND	NA	NA	NA	3370.99	
MW-3	10/02/12	3429.89	ND	58.96	ND	NA	NA	NA	3370.93	
MW-3	10/10/12	3429.89	ND	58.93	ND	NA	NA	NA	3370.96	
MW-3	10/16/12	3429.89	ND	58.93	ND	NA	NA	NA	3370.96	
MW-3	10/24/12	3429.89	ND	58.98	ND	NA	NA	NA	3370.91	
MW-3	10/30/12	3429.89	ND	58.95	ND	NA	NA	NA	3370.94	
MW-3	11/06/12	3429.89	ND	58.96	ND	NA	NA	NA	3370.93	
MW-3	11/13/12	3429.89	ND	58.95	ND	NA	NA	NA	3370.94	
MW-3	11/19/12	3429.89	ND	58.96	ND	NA	NA	NA	3370.93	
MW-3	12/05/12	3429.89	ND	58.95	ND	NA	NA	NA	3370.94	
MW-3	12/11/12	3429.89	ND	58.97	ND	NA	NA	NA	3370.92	
MW-4	02/21/07	3430.36	58.02	58.14	0.12	NA	NA	NA	3372.32	
MW-4	03/07/07	3430.36	57.98	57.99	0.01	NA	NA	NA	3372.38	Installed Sock
MW-4	03/14/07	3430.36	58.18	58.19	0.01	NA	NA	NA	3372.18	Flipped Sock
MW-4	03/21/07	3430.36	58.17	58.19	0.02	NA	NA	NA	3372.19	Sock
MW-4	03/28/07	3430.36	ND	58.10	ND	NA	NA	NA	3372.26	New Sock
MW-4	04/03/07	3430.36	ND	58.27	ND	NA	NA	NA	3372.09	Sock
MW-4	04/10/07	3430.36	ND	58.31	ND	NA	NA	NA	3372.05	Sock
MW-4	04/18/07	3430.36	ND	58.26	ND	NA	NA	NA	3372.10	Sock
MW-4	04/24/07	3430.36	ND	58.33	ND	NA	NA	NA	3372.03	Sock
MW-4	05/03/07	3430.36	ND	58.36	ND	NA	NA	NA	3372.00	New Sock
MW-4	05/11/07	3430.36	58.04	58.15	0.11	NA	NA	NA	3372.30	Flipped Sock
MW-4	05/16/07	3430.36	ND	58.09	ND	NA	NA	NA	3372.27	Sock

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HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
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							PSH	H ₂ O		
MW-4	05/23/07	3430.36	ND	58.12	ND	NA	NA	NA	3372.24	Sock
MW-4	05/31/07	3430.36	ND	58.09	ND	NA	NA	NA	3372.27	Sock
MW-4	06/06/07	3430.36	ND	58.00	ND	NA	NA	NA	3372.36	Sock
MW-4	06/13/07	3430.36	ND	58.05	ND	NA	NA	NA	3372.31	New Sock
MW-4	06/19/07	3430.36	ND	58.04	ND	NA	NA	NA	3372.32	Flipped Sock
MW-4	06/27/07	3430.36	ND	58.12	ND	NA	NA	NA	3372.24	Sock
MW-4	07/05/07	3430.36	ND	58.00	ND	NA	NA	NA	3372.36	Sock
MW-4	07/11/07	3430.36	ND	58.03	ND	NA	NA	NA	3372.33	Sock
MW-4	07/19/07	3430.36	ND	58.02	ND	NA	NA	NA	3372.34	Flipped Sock
MW-4	07/24/07	3430.36	ND	58.06	ND	NA	NA	NA	3372.30	Sock
MW-4	07/31/07	3430.36	ND	58.06	ND	NA	NA	NA	3372.30	Sock
MW-4	08/09/07	3430.36	ND	58.16	ND	NA	NA	NA	3372.20	New Sock
MW-4	08/16/07	3430.36	ND	58.13	ND	NA	NA	NA	3372.23	Sock
MW-4	08/22/07	3430.36	ND	58.06	ND	NA	NA	NA	3372.30	Sock
MW-4	08/28/07	3430.36	ND	58.12	ND	NA	NA	NA	3372.24	Sock
MW-4	09/06/07	3430.36	ND	57.94	ND	NA	NA	NA	3372.42	Sock
MW-4	09/13/07	3430.36	ND	58.09	ND	NA	NA	NA	3372.27	Sock
MW-4	09/18/07	3430.36	ND	58.07	ND	NA	NA	NA	3372.29	Sock
MW-4	09/26/07	3430.36	ND	58.12	ND	NA	NA	NA	3372.24	Sock
MW-4	10/04/07	3430.36	ND	58.20	ND	NA	NA	NA	3372.16	New Sock
MW-4	10/10/07	3430.36	ND	58.19	ND	NA	NA	NA	3372.17	Sock
MW-4	10/17/07	3430.36	ND	58.21	ND	NA	NA	NA	3372.15	Sock
MW-4	10/24/07	3430.36	ND	58.15	ND	NA	NA	NA	3372.21	Sock
MW-4	10/31/07	3430.36	ND	58.16	ND	NA	NA	NA	3372.20	Sock
MW-4	11/07/07	3430.36	ND	58.20	ND	NA	NA	NA	3372.16	Sock
MW-4	11/13/07	3430.36	ND	58.12	ND	NA	NA	NA	3372.24	Sock
MW-4	11/20/07	3430.36	ND	58.14	ND	NA	NA	NA	3372.22	Sock
MW-4	11/27/07	3430.36	ND	58.11	ND	NA	NA	NA	3372.25	Sock
MW-4	12/05/07	3430.36	ND	58.17	ND	NA	NA	NA	3372.19	Flipped Sock
MW-4	12/12/07	3430.36	ND	58.16	ND	NA	NA	NA	3372.20	Sock
MW-4	12/18/07	3430.36	ND	58.20	ND	NA	NA	NA	3372.16	Sock
MW-4	12/27/07	3430.36	ND	58.16	ND	NA	NA	NA	3372.20	Sock

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-4	01/03/08	3430.36	ND	58.21	ND	NA	NA	NA	3372.15	Sock
MW-4	01/09/08	3430.36	ND	57.57	ND	NA	NA	NA	3372.79	Sock
MW-4	01/17/08	3430.36	ND	58.14	ND	NA	NA	NA	3372.22	Sock
MW-4	01/23/08	3430.36	ND	58.14	ND	NA	NA	NA	3372.22	Sock
MW-4	01/30/08	3430.36	ND	58.11	ND	NA	NA	NA	3372.25	Sock
MW-4	02/06/08	3430.36	ND	58.16	ND	NA	NA	NA	3372.20	Sock
MW-4	02/13/08	3430.36	ND	58.18	ND	NA	NA	NA	3372.18	Sock
MW-4	02/19/08	3430.36	ND	58.15	ND	NA	NA	NA	3372.21	New Sock
MW-4	02/19/08	3430.36	57.96	57.99	0.03		0.20	9.80	3372.40	New Sock
MW-4	02/27/08	3430.36	ND	58.10	ND	NA	NA	NA	3372.26	Sock
MW-4	03/04/08	3430.36	ND	58.10	ND	NA	NA	NA	3372.26	Sock
MW-4	03/12/08	3430.36	ND	58.02	ND	NA	NA	NA	3372.34	Sock
MW-4	03/19/08	3430.36	ND	58.05	ND	NA	NA	NA	3372.31	Sock
MW-4	03/26/08	3430.36	ND	58.05	ND	NA	NA	NA	3372.31	Sock
MW-4	04/02/08	3430.36	ND	58.08	ND	NA	NA	NA	3372.28	Sock
MW-4	04/09/08	3430.36	ND	58.06	ND	NA	NA	NA	3372.30	Sock
MW-4	04/16/08	3430.36	ND	58.10	ND	NA	NA	NA	3372.26	Sock
MW-4	04/24/08	3430.36	ND	58.08	ND	NA	NA	NA	3372.28	New Sock
MW-4	04/30/08	3430.36	ND	58.01	ND	NA	NA	NA	3372.35	Sock
MW-4	05/07/08	3430.36	ND	58.05	ND	NA	NA	NA	3372.31	Sock
MW-4	05/14/08	3430.36	ND	58.08	ND	NA	NA	NA	3372.28	Sock
MW-4	05/20/08	3430.36	ND	58.12	ND	NA	NA	NA	3372.24	Sock
MW-4	05/29/08	3430.36	ND	58.08	ND	NA	NA	NA	3372.28	Sock
MW-4	06/04/08	3430.36	ND	58.10	ND	NA	NA	NA	3372.26	Sock
MW-4	06/11/08	3430.36	ND	58.15	ND	NA	NA	NA	3372.21	Sock
MW-4	06/18/08	3430.36	ND	58.19	ND	NA	NA	NA	3372.17	Sock
MW-4	06/26/08	3430.36	ND	58.25	ND	NA	NA	NA	3372.11	Sock
MW-4	07/02/08	3430.36	ND	58.23	ND	NA	NA	NA	3372.13	Sock
MW-4	07/07/08	3430.36	ND	58.16	ND	NA	NA	NA	3372.20	Sock
MW-4	07/16/08	3430.36	ND	58.22	ND	NA	NA	NA	3372.14	Sock
MW-4	07/21/08	3430.36	ND	58.25	ND	NA	NA	NA	3372.11	Sock
MW-4	07/29/08	3430.36	ND	58.29	ND	NA	NA	NA	3372.07	Sock

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-4	08/06/08	3430.36	ND	58.31	ND	NA	NA	NA	3372.05	Sock
MW-4	08/13/08	3430.36	ND	58.27	ND	NA	NA	NA	3372.09	New Sock
MW-4	08/18/08	3430.36	ND	58.19	ND	NA	NA	NA	3372.17	Sock
MW-4	08/27/08	3430.36	ND	58.22	ND	NA	NA	NA	3372.14	Sock
MW-4	09/02/08	3430.36	ND	58.28	ND	NA	NA	NA	3372.08	Sock
MW-4	09/09/08	3430.36	ND	58.32	ND	NA	NA	NA	3372.04	Sock
MW-4	09/17/08	3430.36	ND	58.10	ND	NA	NA	NA	3372.26	Sock
MW-4	09/24/08	3430.36	ND	58.22	ND	NA	NA	NA	3372.14	Sock
MW-4	10/01/08	3430.36	ND	58.31	ND	NA	NA	NA	3372.05	Sock
MW-4	10/08/08	3430.36	ND	58.27	ND	NA	NA	NA	3372.09	Sock
MW-4	10/15/08	3430.36	ND	58.42	ND	NA	NA	NA	3371.94	Flipped Sock
MW-4	10/22/08	3430.36	ND	58.24	ND	NA	NA	NA	3372.12	Sock
MW-4	10/29/08	3430.36	ND	58.25	ND	NA	NA	NA	3372.11	Sock
MW-4	11/05/08	3430.36	ND	58.23	ND	NA	NA	NA	3372.13	Sock
MW-4	11/12/08	3430.36	ND	58.21	ND	NA	NA	NA	3372.15	Sock
MW-4	11/20/08	3430.36	ND	58.26	ND	NA	NA	NA	3372.10	Sock
MW-4	11/26/08	3430.36	ND	58.23	ND	NA	NA	NA	3372.13	Sock
MW-4	12/03/08	3430.36	ND	58.26	ND	NA	NA	NA	3372.10	Sock
MW-4	12/10/08	3430.36	ND	58.29	ND	NA	NA	NA	3372.07	Sock
MW-4	12/17/08	3430.36	ND	58.21	ND	NA	NA	NA	3372.15	Sock
MW-4	12/21/08	3430.36	ND	58.34	ND	NA	NA	NA	3372.02	Sock
MW-4	12/31/08	3430.36	ND	58.32	ND	NA	NA	NA	3372.04	New Sock
MW-4	01/02/09	3430.36	ND	58.34	ND	NA	NA	NA	3372.02	New Sock
MW-4	01/07/09	3430.36	ND	58.21	ND	NA	NA	NA	3372.15	New Sock
MW-4	01/15/09	3430.36	ND	58.21	ND	NA	NA	NA	3372.15	New Sock
MW-4	01/22/09	3430.36	ND	58.16	ND	NA	NA	NA	3372.20	Flipped Sock
MW-4	01/28/09	3430.36	ND	58.17	ND	NA	NA	NA	3372.19	New Sock
MW-4	02/04/09	3430.36	ND	58.14	ND	NA	NA	NA	3372.22	Sock
MW-4	02/04/09	3430.36	ND	58.21	ND	NA	NA	NA	3372.15	Sock
MW-4	02/18/09	3430.36	ND	58.13	ND	NA	NA	NA	3372.23	Sock
MW-4	02/25/09	3430.36	ND	58.14	ND	NA	NA	NA	3372.22	Sock
MW-4	03/04/09	3430.36	ND	58.13	ND	NA	NA	NA	3372.23	New Sock

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-4	03/11/09	3430.36	ND	58.18	ND	NA	NA	NA	3372.18	Flipped Sock
MW-4	03/18/09	3430.36	ND	58.11	ND	NA	NA	NA	3372.25	Sock
MW-4	03/25/09	3430.36	ND	58.10	ND	NA	NA	NA	3372.26	New Sock
MW-4	04/01/09	3430.36	ND	58.11	ND	NA	NA	NA	3372.25	Sock
MW-4	04/08/09	3430.36	ND	58.13	ND	NA	NA	NA	3372.23	Sock
MW-4	04/15/09	3430.36	ND	58.16	ND	NA	NA	NA	3372.20	Sock
MW-4	04/22/09	3430.36	ND	58.14	ND	NA	NA	NA	3372.22	Sock
MW-4	04/29/09	3430.36	ND	58.10	ND	NA	NA	NA	3372.26	Sock
MW-4	05/06/09	3430.36	ND	58.13	ND	NA	NA	NA	3372.23	Sock
MW-4	05/14/09	3430.36	ND	58.18	ND	NA	NA	NA	3372.18	Sock
MW-4	05/20/09	3430.36	ND	58.13	ND	NA	NA	NA	3372.23	Sock
MW-4	05/27/09	3430.36	ND	58.22	ND	NA	0.00	27.00	3372.14	Sock
MW-4	05/27/09	3430.36	ND	68.07	ND	NA	NA	NA	3362.29	Sock
MW-4	06/03/09	3430.36	ND	58.26	ND	NA	NA	NA	3372.10	Sock
MW-4	06/11/09	3430.36	ND	58.21	ND	NA	NA	NA	3372.15	Sock
MW-4	06/17/09	3430.36	ND	58.40	ND	NA	NA	NA	3371.96	Sock
MW-4	06/23/09	3430.36	ND	58.34	ND	NA	NA	NA	3372.02	Sock
MW-4	07/01/09	3430.36	ND	58.36	ND	NA	NA	NA	3372.00	Sock
MW-4	07/07/09	3430.36	ND	58.33	ND	NA	NA	NA	3372.03	Sock
MW-4	07/15/09	3430.36	ND	58.44	ND	NA	NA	NA	3371.92	Sock
MW-4	07/22/09	3430.36	ND	58.48	ND	NA	NA	NA	3371.88	New Sock
MW-4	07/29/09	3430.36	ND	58.37	ND	NA	NA	NA	3371.99	Sock
MW-4	08/05/09	3430.36	ND	58.35	ND	NA	NA	NA	3372.01	Flipped Sock
MW-4	08/12/09	3430.36	ND	58.33	ND	NA	NA	NA	3372.03	
MW-4	08/19/09	3430.36	ND	58.33	ND	NA	NA	NA	3372.03	
MW-4	08/27/09	3430.36	ND	58.38	ND	NA	NA	NA	3371.98	
MW-4	09/02/09	3430.36	ND	58.39	ND	NA	NA	NA	3371.97	
MW-4	09/09/09	3430.36	ND	58.36	ND	NA	NA	NA	3372.00	Flipped Sock
MW-4	09/16/09	3430.36	ND	58.45	ND	NA	NA	NA	3371.91	
MW-4	09/23/09	3430.36	ND	58.42	ND	NA	NA	NA	3371.94	
MW-4	09/30/09	3430.36	ND	58.40	ND	NA	0.10	12.90	3371.96	
MW-4	09/30/09	3430.36	ND	66.89	ND	NA	NA	NA	3363.47	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-4	10/07/09	3430.36	ND	58.47	ND		0.00	10.00	3371.89	
MW-4	10/07/09	3430.36	ND	66.79	ND	NA	NA	NA	3363.57	
MW-4	10/14/09	3430.36	ND	58.47	ND		0.00	10.00	3371.89	
MW-4	10/14/09	3430.36	ND	63.10	ND	NA	NA	NA	3367.26	
MW-4	10/21/09	3430.36	ND	58.58	ND	Hand Bailed	0.25	9.75	3371.78	New Sock
MW-4	10/21/09	3430.36	ND	63.90	ND	NA	NA	NA	3366.46	
MW-4	10/29/09	3430.36	ND	58.47	ND		0.10	0.00	3371.89	
MW-4	11/04/09	3430.36	ND	58.54	ND	NA	NA	NA	3371.82	
MW-4	11/11/09	3430.36	ND	58.46	ND		0.10	10.00	3371.90	
MW-4	11/11/09	3430.36	ND	61.75	ND	NA	NA	NA	3368.61	
MW-4	11/17/09	3430.36	ND	58.42	ND	NA	NA	NA	3371.94	New Sock
MW-4	11/25/09	3430.36	ND	58.49	ND	NA	NA	NA	3371.87	
MW-4	12/02/09	3430.36	ND	58.61	ND		0.00	10.00	3371.75	
MW-4	12/02/09	3430.36	ND	62.51	ND	NA	NA	NA	3367.85	
MW-4	12/09/09	3430.36	ND	58.81	ND		0.00	10.00	3371.55	
MW-4	12/09/09	3430.36	ND	62.11	ND	NA	NA	NA	3368.25	
MW-4	12/16/09	3430.36	ND	58.48	ND	NA	NA	NA	3371.88	
MW-4	12/23/09	3430.36	ND	58.55	ND		0.00	15.00	3371.81	
MW-4	12/23/09	3430.36	ND	62.63	ND	NA	NA	NA	3367.73	
MW-4	12/30/09	3430.36	ND	58.69	ND	NA	NA	NA	3371.67	
MW-4	01/06/10	3430.36	ND	58.48	ND	NA	NA	NA	3371.88	
MW-4	01/13/10	3430.36	ND	58.46	ND		0.00	10.00	3371.90	
MW-4	01/13/10	3430.36	ND	60.83	ND	NA	NA	NA	3369.53	
MW-4	01/20/10	3430.36	ND	58.50	ND	NA	NA	NA	3371.86	
MW-4	01/27/10	3430.36	ND	58.02	ND	NA	NA	NA	3372.34	
MW-4	02/11/10	3430.36	ND	58.47	ND	NA	NA	NA	3371.89	
MW-4	02/17/10	3430.36	ND	58.46	ND	Pumped	0.10	9.90	3371.90	
MW-4	02/17/10	3430.36	ND	61.69	ND	NA	NA	NA	3368.67	
MW-4	03/02/10	3430.36	ND	58.47	ND	NA	NA	NA	3371.89	
MW-4	03/10/10	3430.36	ND	58.38	ND	NA	NA	NA	3371.98	
MW-4	03/17/10	3430.36	58.42	58.44	0.02	Pumped	0.10	14.90	3371.94	
MW-4	03/17/10	3430.36	ND	62.67	ND	NA	NA	NA	3367.69	

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							PSH	H ₂ O		
MW-4	03/24/10	3430.36	ND	58.41	ND	NA	NA	NA	3371.95	
MW-4	03/31/10	3430.36	ND	58.34	ND	NA	NA	NA	3372.02	
MW-4	04/07/10	3430.36	ND	58.43	ND	NA	NA	NA	3371.93	
MW-4	04/14/10	3430.36	ND	58.30	ND	NA	NA	NA	3372.06	
MW-4	04/21/10	3430.36	ND	58.31	ND	NA	NA	NA	3372.05	
MW-4	04/28/10	3430.36	ND	58.31	ND	NA	NA	NA	3372.05	
MW-4	05/05/10	3430.36	58.26	58.27	0.01	NA	NA	NA	3372.10	
MW-4	05/12/10	3430.36	58.25	58.26	0.01	Pumped	0.10	27.90	3372.11	
MW-4	05/12/10	3430.36	ND	62.05	ND	NA	NA	NA	3368.31	
MW-4	05/19/10	3430.36	58.36	58.37	0.01	Pumped	0.10	9.90	3372.00	
MW-4	05/19/10	3430.36	ND	62.33	ND	NA	NA	NA	3368.03	
MW-4	05/29/10	3430.36	58.38	58.41	0.03	Pumped	0.10	4.90	3371.98	
MW-4	05/29/10	3430.36	ND	61.84	ND	NA	NA	NA	3368.52	
MW-4	06/02/10	3430.36	58.39	58.40	0.01	NA	NA	NA	3371.97	
MW-4	06/12/10	3430.36	58.44	58.45	0.01	Pumped	0.10	9.90	3371.92	
MW-4	06/12/10	3430.36	ND	60.47	ND	NA	NA	NA	3369.89	
MW-4	06/15/10	3430.36	58.34	58.37	0.03	Pumped	0.10	1.90	3372.02	
MW-4	06/15/10	3430.36	ND	58.52	ND	NA	NA	NA	3371.84	
MW-4	06/25/10	3430.36	58.46	58.47	0.01	NA	NA	NA	3371.90	
MW-4	06/30/10	3430.36	58.47	58.48	0.01	NA	NA	NA	3371.89	
MW-4	07/07/10	3430.36	58.47	58.48	0.01	NA	NA	NA	3371.89	
MW-4	07/14/10	3430.36	58.46	58.47	0.01	NA	NA	NA	3371.90	
MW-4	07/21/10	3430.36	58.44	58.45	0.01	NA	NA	NA	3371.92	
MW-4	07/21/10	3430.36	ND	62.89	ND	Pumped	0.10	9.90	3367.47	
MW-4	07/28/10	3430.36	58.42	58.43	0.01	NA	NA	NA	3371.94	
MW-4	08/03/10	3430.36	58.41	58.42	0.01	NA	NA	NA	3371.95	
MW-4	08/11/10	3430.36	58.40	58.41	0.01	Pumped	0.10	9.90	3371.96	
MW-4	08/11/10	3430.36	ND	63.00	ND	NA	NA	NA	3367.36	
MW-4	08/18/10	3430.36	58.41	58.42	0.01	NA	NA	NA	3371.95	
MW-4	08/25/10	3430.36	58.43	58.44	0.01	NA	NA	NA	3371.93	
MW-4	09/01/10	3430.36	58.39	58.40	0.01	Pumped	0.10	14.90	3371.97	
MW-4	09/01/10	3430.36	ND	64.75	ND	NA	NA	NA	3365.61	

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							PSH	H ₂ O		
MW-4	09/08/10	3430.36	58.39	58.40	0.01	Pumped	0.10	14.90	3371.97	
MW-4	09/08/10	3430.36	ND	65.65	ND	NA	NA	NA	3364.71	
MW-4	09/15/10	3430.36	58.38	58.39	0.01	Pumped	0.10	9.90	3371.98	
MW-4	09/15/10	3430.36	ND	65.40	ND	NA	NA	NA	3364.96	
MW-4	09/21/10	3430.36	58.38	58.39	0.01	NA	NA	NA	3371.98	
MW-4	10/01/10	3430.36	58.41	58.42	0.01	NA	NA	NA	3371.95	
MW-4	10/06/10	3430.36	58.41	58.42	0.01	NA	NA	NA	3371.95	
MW-4	10/13/10	3430.36	58.40	58.41	0.01	NA	NA	NA	3371.96	
MW-4	10/22/10	3430.36	58.39	58.40	0.01	NA	NA	NA	3371.97	
MW-4	10/27/10	3430.36	58.36	58.37	0.01	Pumped	0.10	9.90	3372.00	
MW-4	10/27/10	3430.36	ND	64.73	ND	NA	NA	NA	3365.63	
MW-4	11/03/10	3430.36	58.39	58.40	0.01	NA	NA	NA	3371.97	
MW-4	11/10/10	3430.36	58.33	58.34	0.01	NA	NA	NA	3372.03	
MW-4	11/16/10	3430.36	58.36	58.37	0.01	Pumped	0.10	14.90	3372.00	
MW-4	11/16/10	3430.36	ND	63.71	ND	NA	NA	NA	3366.65	
MW-4	11/23/10	3430.36	58.34	58.35	0.01	NA	NA	NA	3372.02	
MW-4	12/01/10	3430.36	58.34	58.35	0.01	Pumped	0.10	9.90	3372.02	
MW-4	12/01/10	3430.36	ND	61.40	ND	NA	NA	NA	3368.96	
MW-4	12/08/10	3430.36	58.31	58.32	0.01	Pumped	0.10	14.90	3372.05	
MW-4	12/08/10	3430.36	ND	63.74	ND	NA	NA	NA	3366.62	
MW-4	12/15/10	3430.36	58.26	58.27	0.01	NA	NA	NA	3372.10	
MW-4	12/21/10	3430.36	58.31	58.32	0.01	NA	NA	NA	3372.05	
MW-4	01/08/11	3430.36	58.31	58.32	0.01	NA	NA	NA	3372.05	
MW-4	01/12/11	3430.36	58.37	58.38	0.01	Hand Bailed	0.10	9.90	3371.99	
MW-4	01/12/11	3430.36	ND	63.37	ND	NA	NA	NA	3366.99	
MW-4	01/19/11	3430.36	58.27	58.28	0.01	NA	NA	NA	3372.09	
MW-4	01/25/11	3430.36	58.31	58.32	0.01	NA	NA	NA	3372.05	
MW-4	02/04/11	3430.36	58.33	58.34	0.01	NA	NA	NA	3372.03	
MW-4	02/08/11	3430.36	58.31	58.32	0.01	NA	NA	NA	3372.05	
MW-4	02/16/11	3430.36	58.30	58.31	0.01	NA	NA	NA	3372.06	
MW-4	02/24/11	3430.36	58.36	58.37	0.01	NA	NA	NA	3372.00	
MW-4	03/02/11	3430.36	58.32	58.33	0.01	NA	NA	NA	3372.04	

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							PSH	H ₂ O		
MW-4	03/08/11	3430.36	58.33	58.34	0.01		0.10	4.90	3372.03	
MW-4	03/08/11	3430.36	ND	60.88	ND	NA	NA	NA	3369.48	
MW-4	03/16/11	3430.36	58.35	58.36	0.01		0.10	4.90	3372.01	
MW-4	03/16/11	3430.36	ND	62.70	ND	NA	NA	NA	3367.66	
MW-4	03/23/11	3430.36	58.37	58.38	0.01		0.10	4.90	3371.99	
MW-4	03/23/11	3430.36	ND	62.16	ND	NA	NA	NA	3368.20	
MW-4	03/30/11	3430.36	58.30	58.31	0.01	NA	NA	NA	3372.06	
MW-4	04/08/11	3430.36	58.36	58.37	0.01		0.10	4.90	3372.00	
MW-4	04/08/11	3430.36	ND	62.21	ND	NA	NA	NA	3368.15	
MW-4	04/13/11	3430.36	58.36	58.37	0.01		0.10	4.90	3372.00	
MW-4	04/13/11	3430.36	ND	61.96	ND	NA	NA	NA	3368.40	
MW-4	04/20/11	3430.36	58.36	58.38	0.02		0.10	4.90	3372.00	
MW-4	04/20/11	3430.36	ND	62.45	ND	NA	NA	NA	3367.91	
MW-4	04/27/11	3430.36	58.41	58.42	0.01	NA	NA	NA	3371.95	
MW-4	05/04/11	3430.36	58.38	58.39	0.01	NA	NA	NA	3371.98	
MW-4	05/11/11	3430.36	58.41	58.42	0.01	NA	NA	NA	3371.95	
MW-4	05/19/11	3430.36	58.40	58.41	0.01	NA	NA	NA	3371.96	
MW-4	05/24/11	3430.36	58.48	58.49	0.01	NA	NA	NA	3371.88	
MW-4	06/02/11	3430.36	58.53	58.54	0.01	NA	NA	NA	3371.83	
MW-4	06/03/11	3430.36	58.58	58.59	0.01	NA	NA	NA	3371.78	Sampled
MW-4	06/08/11	3430.36	58.55	58.56	0.01	NA	NA	NA	3371.81	
MW-4	06/17/11	3430.36	58.53	58.54	0.01	NA	NA	NA	3371.83	
MW-4	06/21/11	3430.36	58.50	58.52	0.02	NA	NA	NA	3371.86	
MW-4	06/29/11	3430.36	58.65	58.66	0.01	NA	NA	NA	3371.71	
MW-4	07/06/11	3430.36	58.68	58.70	0.02	NA	NA	NA	3371.68	
MW-4	07/13/11	3430.36	58.68	58.69	0.01	NA	NA	NA	3371.68	
MW-4	07/21/11	3430.36	58.72	58.74	0.02		0.10	4.90	3371.64	
MW-4	07/21/11	3430.36	ND	62.60	ND	NA	NA	NA	3367.76	
MW-4	07/27/11	3430.36	58.73	58.74	0.01	NA	NA	NA	3371.63	
MW-4	08/03/11	3430.36	58.78	58.79	0.01	NA	NA	NA	3371.58	
MW-4	08/11/11	3430.36	58.80	58.81	0.01	NA	NA	NA	3371.56	
MW-4	08/17/11	3430.36	58.71	58.72	0.01	NA	NA	NA	3371.65	

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							PSH	H ₂ O		
MW-4	08/24/11	3430.36	58.85	58.86	0.01	NA	NA	NA	3371.51	
MW-4	08/29/11	3430.36	58.85	58.86	0.01		0.10	4.90	3371.51	
MW-4	08/29/11	3430.36	ND	62.50	ND	NA	NA	NA	3367.86	
MW-4	09/07/11	3430.36	58.89	58.90	0.01	NA	NA	NA	3371.47	
MW-4	09/14/11	3430.36	58.90	58.91	0.01	NA	NA	NA	3371.46	
MW-4	09/21/11	3430.36	58.92	58.93	0.01	NA	NA	NA	3371.44	
MW-4	09/26/11	3430.36	58.90	58.92	0.02	NA	NA	NA	3371.46	
MW-4	10/05/11	3430.36	58.87	58.89	0.02	NA	NA	NA	3371.49	
MW-4	10/12/11	3430.36	58.93	58.95	0.02		0.10	4.90	3371.43	
MW-4	10/12/11	3430.36	ND	63.50	ND	NA	NA	NA	3366.86	
MW-4	10/18/11	3430.36	58.94	58.95	0.01	NA	NA	NA	3371.42	
MW-4	10/28/11	3430.36	58.98	58.99	0.01	NA	NA	NA	3371.38	
MW-4	11/02/11	3430.36	58.99	59.00	0.01	NA	NA	NA	3371.37	
MW-4	11/09/11	3430.36	59.00	59.01	0.01		0.10	4.90	3371.36	
MW-4	11/09/11	3430.36	ND	62.50	ND	NA	NA	NA	3367.86	
MW-4	11/18/11	3430.36	58.95	58.96	0.01	NA	NA	NA	3371.41	
MW-4	11/23/11	3430.36	58.99	59.00	0.01	NA	NA	NA	3371.37	
MW-4	11/29/11	3430.36	58.97	58.98	0.01	NA	NA	NA	3371.39	
MW-4	12/13/11	3430.36	58.96	58.97	0.01	NA	NA	NA	3371.40	
MW-4	12/20/11	3430.36	58.97	58.98	0.01	NA	NA	NA	3371.39	
MW-4	12/27/11	3430.36	58.98	58.99	0.01	NA	NA	NA	3371.38	
MW-4	01/04/12	3430.36	58.99	60.00	1.01	Hand Bailed	0.10	4.90	3371.22	
MW-4	01/04/12	3430.36	ND	62.10	ND	NA	NA	NA	3368.26	
MW-4	01/13/12	3430.36	58.97	58.98	0.01	Hand Bailed	0.10	4.90	3371.39	
MW-4	01/13/12	3430.36	ND	62.34	ND	NA	NA	NA	3368.02	
MW-4	01/18/12	3430.36	58.96	58.97	0.01	NA	NA	NA	3371.40	
MW-4	01/27/12	3430.36	58.97	58.98	0.01	NA	NA	NA	3371.39	
MW-4	02/02/12	3430.36	58.73	58.94	0.21	NA	NA	NA	3371.60	
MW-4	02/08/12	3430.36	58.88	58.89	0.01	NA	NA	NA	3371.48	
MW-4	02/15/12	3430.36	58.97	58.98	0.01	NA	NA	NA	3371.39	
MW-4	02/23/12	3430.36	58.94	58.95	0.01	NA	NA	NA	3371.42	
MW-4	02/29/12	3430.36	58.97	58.98	0.01	NA	NA	NA	3371.39	

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							PSH	H ₂ O		
MW-4	03/14/12	3430.36	59.00	59.01	0.01	NA	NA	NA	3371.36	
MW-4	03/21/12	3430.36	58.82	58.83	0.01	NA	NA	NA	3371.54	
MW-4	03/29/12	3430.36	58.89	58.90	0.01	NA	NA	NA	3371.47	
MW-4	04/03/12	3430.36	59.01	59.04	0.03	NA	NA	NA	3371.35	
MW-4	04/11/12	3430.36	58.93	58.94	0.01	NA	NA	NA	3371.43	
MW-4	04/20/12	3430.36	59.06	59.07	0.01	NA	NA	NA	3371.30	
MW-4	04/26/12	3430.36	58.98	58.99	0.01		0.10	4.90	3371.38	
MW-4	04/26/12	3430.36	ND	61.82	ND	NA	NA	NA	3368.54	
MW-4	05/02/12	3430.36	59.00	59.01	0.01	NA	NA	NA	3371.36	
MW-4	05/09/12	3430.36	59.00	59.01	0.01	NA	NA	NA	3371.36	
MW-4	05/16/12	3430.36	59.05	59.06	0.01	NA	NA	NA	3371.31	
MW-4	05/24/12	3430.36	59.02	59.03	0.01	NA	NA	NA	3371.34	
MW-4	05/29/12	3430.36	58.96	58.97	0.01	NA	NA	NA	3371.40	
MW-4	06/06/12	3430.36	58.72	58.75	0.03	NA	NA	NA	3371.64	
MW-4	06/13/12	3430.36	58.96	58.97	0.01	NA	NA	NA	3371.40	
MW-4	06/19/12	3430.36	58.98	59.09	0.11	NA	NA	NA	3371.36	
MW-4	06/27/12	3430.36	59.03	59.04	0.01	NA	NA	NA	3371.33	
MW-4	07/05/12	3430.36	59.08	59.09	0.01	NA	NA	NA	3371.28	
MW-4	07/11/12	3430.36	59.09	59.16	0.07	NA	NA	NA	3371.26	
MW-4	07/18/12	3430.36	59.11	59.19	0.08	NA	NA	NA	3371.24	
MW-4	07/25/12	3430.36	59.11	59.27	0.16	NA	sheen	10.00	3371.23	
MW-4	07/31/12	3430.36	59.15	59.20	0.05	NA	sheen	10.00	3371.20	
MW-4	08/08/12	3430.36	58.18	58.19	0.01	NA	NA	NA	3372.18	
MW-4	08/13/12	3430.36	50.20	50.37	0.17	NA	sheen	10.00	3380.13	
MW-4	08/13/12	3430.36	ND	63.43	ND	NA	NA	NA	3366.93	
MW-4	08/20/12	3430.36	58.18	58.20	0.02	NA	NA	NA	3372.18	
MW-4	09/05/12	3430.36	58.21	58.22	0.01	NA	NA	NA	3372.15	
MW-4	09/12/12	3430.36	ND	59.20	ND	NA	NA	NA	3371.16	
MW-4	10/02/12	3430.36	59.23	59.26	0.03	NA	NA	NA	3371.13	
MW-4	10/10/12	3430.36	59.22	59.23	0.01	NA	NA	NA	3371.14	
MW-4	10/16/12	3430.36	59.21	59.31	0.10	NA	NA	NA	3371.14	
MW-4	10/24/12	3430.36	59.21	59.22	0.01	NA	NA	NA	3371.15	

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							PSH	H ₂ O		
MW-4	10/30/12	3430.36	59.21	59.22	0.01	NA	NA	NA	3371.15	
MW-4	11/06/12	3430.36	59.24	59.25	0.01	NA	NA	NA	3371.12	
MW-4	11/13/12	3430.36	59.23	59.24	0.01	NA	NA	NA	3371.13	
MW-4	11/19/12	3430.36	ND	59.15	ND	NA	NA	NA	3371.21	
MW-4	12/05/12	3430.36	59.23	59.25	0.02	NA	NA	NA	3371.13	
MW-4	12/11/12	3430.36	59.27	59.28	0.01	NA	NA	NA	3371.09	
MW-5	02/21/07	3428.93	ND	56.47	ND	NA	NA	NA	3372.46	
MW-5	03/01/07	3428.93	ND	56.44	ND	NA	NA	NA	3372.49	Sampled
MW-5	04/03/07	3428.93	ND	56.51	ND	NA	NA	NA	3372.42	
MW-5	05/03/07	3428.93	ND	56.42	ND	NA	NA	NA	3372.51	
MW-5	05/31/07	3428.93	ND	56.45	ND	NA	NA	NA	3372.48	Sampled
MW-5	06/06/07	3428.93	ND	56.41	ND	NA	NA	NA	3372.52	
MW-5	07/05/07	3428.93	ND	56.40	ND	NA	NA	NA	3372.53	
MW-5	07/31/07	3428.93	ND	56.45	ND	NA	NA	NA	3372.48	
MW-5	09/06/07	3428.93	ND	56.45	ND	NA	NA	NA	3372.48	Sampled
MW-5	10/04/07	3428.93	ND	56.50	ND	NA	NA	NA	3372.43	
MW-5	11/13/07	3428.93	ND	56.49	ND	NA	NA	NA	3372.44	Sampled
MW-5	12/05/07	3428.93	ND	56.56	ND	NA	NA	NA	3372.37	
MW-5	01/09/08	3428.93	ND	56.44	ND	NA	NA	NA	3372.49	
MW-5	02/06/08	3428.93	ND	56.46	ND	NA	NA	NA	3372.47	
MW-5	02/26/08	3428.93	ND	56.50	ND	NA	NA	NA	3372.43	Sampled
MW-5	04/02/08	3428.93	ND	56.45	ND	NA	NA	NA	3372.48	
MW-5	05/29/08	3428.93	ND	56.45	ND	NA	NA	NA	3372.48	Sampled
MW-5	06/26/08	3428.93	ND	58.19	ND	NA	NA	NA	3370.74	
MW-5	07/07/08	3428.93	ND	56.54	ND	NA	NA	NA	3372.39	
MW-5	08/18/08	3428.93	ND	56.58	ND	NA	NA	NA	3372.35	Sampled
MW-5	10/15/08	3428.93	ND	56.64	ND	NA	NA	NA	3372.29	
MW-5	11/20/08	3428.93	ND	56.63	ND	NA	NA	NA	3372.30	Sampled
MW-5	12/21/08	3428.93	ND	56.66	ND	NA	NA	NA	3372.27	
MW-5	01/07/09	3428.93	ND	56.53	ND	NA	NA	NA	3372.40	
MW-5	02/04/09	3428.93	ND	56.61	ND	NA	NA	NA	3372.32	

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							PSH	H ₂ O		
MW-5	02/18/09	3428.93	ND	56.58	ND	NA	NA	NA	3372.35	Sampled
MW-5	03/04/09	3428.93	ND	56.57	ND	NA	NA	NA	3372.36	
MW-5	04/08/09	3428.93	ND	56.49	ND	NA	NA	NA	3372.44	
MW-5	05/06/09	3428.93	ND	56.50	ND	NA	NA	NA	3372.43	
MW-5	05/20/09	3428.93	ND	56.55	ND	NA	NA	NA	3372.38	Sampled
MW-5	06/03/09	3428.93	ND	56.59	ND	NA	NA	NA	3372.34	
MW-5	07/15/09	3428.93	ND	56.82	ND	NA	NA	NA	3372.11	
MW-5	08/05/09	3428.93	ND	56.75	ND	NA	NA	NA	3372.18	
MW-5	08/27/09	3428.93	ND	56.76	ND	NA	NA	NA	3372.17	Sampled
MW-5	09/02/09	3428.93	ND	56.68	ND	NA	NA	NA	3372.25	
MW-5	10/07/09	3428.93	ND	56.89	ND	NA	NA	NA	3372.04	
MW-5	11/04/09	3428.93	ND	56.79	ND	NA	NA	NA	3372.14	
MW-5	11/17/09	3428.93	ND	56.78	ND	NA	NA	NA	3372.15	Sampled
MW-5	12/02/09	3428.93	ND	56.82	ND	NA	NA	NA	3372.11	
MW-5	01/06/10	3428.93	ND	56.74	ND	NA	NA	NA	3372.19	
MW-5	02/11/10	3428.93	ND	56.78	ND	NA	NA	NA	3372.15	Sampled
MW-5	03/10/10	3428.93	ND	56.75	ND	NA	NA	NA	3372.18	
MW-5	04/07/10	3428.93	ND	56.79	ND	NA	NA	NA	3372.14	
MW-5	05/05/10	3428.93	ND	56.78	ND	NA	NA	NA	3372.15	
MW-5	05/12/10	3428.93	ND	56.76	ND	NA	NA	NA	3372.17	Sampled
MW-5	06/02/10	3428.93	ND	56.80	ND	NA	NA	NA	3372.13	
MW-5	07/07/10	3428.93	ND	56.89	ND	NA	NA	NA	3372.04	
MW-5	08/03/10	3428.93	ND	56.83	ND	NA	NA	NA	3372.10	
MW-5	08/26/10	3428.93	ND	56.82	ND	NA	NA	NA	3372.11	Sampled
MW-5	09/01/10	3428.93	ND	56.81	ND	NA	NA	NA	3372.12	
MW-5	10/13/10	3428.93	ND	56.86	ND	NA	NA	NA	3372.07	
MW-5	11/18/10	3428.93	ND	57.05	ND	NA	NA	NA	3371.88	Sampled
MW-5	11/23/10	3428.93	ND	56.83	ND	NA	NA	NA	3372.10	
MW-5	12/08/10	3428.93	ND	56.85	ND	NA	NA	NA	3372.08	
MW-5	01/12/11	3428.93	ND	56.92	ND	NA	NA	NA	3372.01	
MW-5	02/08/11	3428.93	ND	56.82	ND	NA	NA	NA	3372.11	
MW-5	02/24/11	3428.93	ND	56.90	ND	NA	NA	NA	3372.03	Sampled

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							PSH	H ₂ O		
MW-5	03/08/11	3428.93	ND	56.88	ND	NA	NA	NA	3372.05	
MW-5	04/13/11	3428.93	ND	56.94	ND	NA	NA	NA	3371.99	
MW-5	06/02/11	3428.93	ND	57.10	ND	NA	NA	NA	3371.83	
MW-5	06/03/11	3428.93	ND	57.15	ND	NA	NA	NA	3371.78	Sampled
MW-5	07/27/11	3428.93	ND	57.20	ND	NA	NA	NA	3371.73	
MW-5	08/29/11	3428.93	ND	57.27	ND	NA	NA	NA	3371.66	Sampled
MW-5	09/14/11	3428.93	ND	57.38	ND	NA	NA	NA	3371.55	
MW-5	10/12/11	3428.93	ND	57.40	ND	NA	NA	NA	3371.53	
MW-5	11/29/11	3428.93	ND	57.44	ND	NA	NA	NA	3371.49	Sampled
MW-5	12/27/11	3428.93	ND	57.40	ND	NA	NA	NA	3371.53	
MW-5	01/18/12	3428.93	ND	57.42	ND	NA	NA	NA	3371.51	
MW-5	02/02/12	3428.93	ND	57.37	ND	NA	NA	NA	3371.56	
MW-5	02/23/12	3428.93	ND	57.36	ND	NA	NA	NA	3371.57	
MW-5	04/20/12	3428.93	ND	57.48	ND	NA	NA	NA	3371.45	
MW-5	05/24/12	3428.93	ND	57.48	ND	NA	NA	NA	3371.45	
MW-5	07/18/12	3428.93	ND	57.66	ND	NA	NA	NA	3371.27	
MW-5	09/12/12	3428.93	ND	57.77	ND	NA	NA	NA	3371.16	
MW-5	10/16/12	3428.93	ND	57.77	ND	NA	NA	NA	3371.16	
MW-5	11/19/12	3428.93	ND	57.85	ND	NA	NA	NA	3371.08	
MW-5	12/11/12	3428.93	ND	57.82	ND	NA	NA	NA	3371.11	
MW-6	02/21/07	3429.24	ND	56.58	ND	NA	NA	NA	3372.66	
MW-6	03/01/07	3429.24	ND	56.56	ND	NA	NA	NA	3372.68	Sampled
MW-6	04/03/07	3429.24	ND	56.64	ND	NA	NA	NA	3372.60	
MW-6	05/03/07	3429.24	ND	56.52	ND	NA	NA	NA	3372.72	
MW-6	05/31/07	3429.24	ND	56.55	ND	NA	NA	NA	3372.69	Sampled
MW-6	06/06/07	3429.24	ND	56.50	ND	NA	NA	NA	3372.74	
MW-6	07/05/07	3429.24	ND	56.50	ND	NA	NA	NA	3372.74	
MW-6	07/31/07	3429.24	ND	56.52	ND	NA	NA	NA	3372.72	
MW-6	09/06/07	3429.24	ND	56.55	ND	NA	NA	NA	3372.69	Sampled
MW-6	10/04/07	3429.24	ND	56.58	ND	NA	NA	NA	3372.66	
MW-6	11/13/07	3429.24	ND	56.53	ND	NA	NA	NA	3372.71	Sampled

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-6	12/05/07	3429.24	ND	56.57	ND	NA	NA	NA	3372.67	
MW-6	01/09/08	3429.24	ND	56.54	ND	NA	NA	NA	3372.70	
MW-6	02/06/08	3429.24	ND	56.59	ND	NA	NA	NA	3372.65	
MW-6	02/26/08	3429.24	ND	56.59	ND	NA	NA	NA	3372.65	Sampled
MW-6	04/02/08	3429.24	ND	56.54	ND	NA	NA	NA	3372.70	
MW-6	05/29/08	3429.24	ND	56.54	ND	NA	NA	NA	3372.70	Sampled
MW-6	06/26/08	3429.24	ND	56.67	ND	NA	NA	NA	3372.57	
MW-6	07/07/08	3429.24	ND	56.63	ND	NA	NA	NA	3372.61	
MW-6	08/18/08	3429.24	ND	56.71	ND	NA	NA	NA	3372.53	Sampled
MW-6	10/15/08	3429.24	ND	56.76	ND	NA	NA	NA	3372.48	
MW-6	11/20/08	3429.24	ND	56.78	ND	NA	NA	NA	3372.46	Sampled
MW-6	12/21/08	3429.24	ND	56.77	ND	NA	NA	NA	3372.47	
MW-6	01/07/09	3429.24	ND	56.67	ND	NA	NA	NA	3372.57	
MW-6	02/04/09	3429.24	ND	56.73	ND	NA	NA	NA	3372.51	
MW-6	02/18/09	3429.24	ND	56.71	ND	NA	NA	NA	3372.53	Sampled
MW-6	03/04/09	3429.24	ND	56.69	ND	NA	NA	NA	3372.55	
MW-6	04/08/09	3429.24	ND	56.59	ND	NA	NA	NA	3372.65	
MW-6	05/06/09	3429.24	ND	56.59	ND	NA	NA	NA	3372.65	
MW-6	05/20/09	3429.24	ND	56.63	ND	NA	NA	NA	3372.61	Sampled
MW-6	06/03/09	3429.24	ND	56.68	ND	NA	NA	NA	3372.56	
MW-6	07/15/09	3429.24	ND	56.87	ND	NA	NA	NA	3372.37	
MW-6	08/05/09	3429.24	ND	56.84	ND	NA	NA	NA	3372.40	
MW-6	08/27/09	3429.24	ND	56.89	ND	NA	NA	NA	3372.35	Sampled
MW-6	09/02/09	3429.24	ND	56.90	ND	NA	NA	NA	3372.34	
MW-6	10/07/09	3429.24	ND	56.89	ND	NA	NA	NA	3372.35	
MW-6	11/04/09	3429.24	ND	56.92	ND	NA	NA	NA	3372.32	
MW-6	11/17/09	3429.24	ND	56.87	ND	NA	NA	NA	3372.37	Sampled
MW-6	12/02/09	3429.24	ND	56.92	ND	NA	NA	NA	3372.32	
MW-6	01/06/10	3429.24	ND	56.84	ND	NA	NA	NA	3372.40	
MW-6	02/11/10	3429.24	ND	56.88	ND	NA	NA	NA	3372.36	Sampled
MW-6	03/10/10	3429.24	ND	56.88	ND	NA	NA	NA	3372.36	
MW-6	04/07/10	3429.24	ND	56.97	ND	NA	NA	NA	3372.27	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-6	05/05/10	3429.24	ND	56.91	ND	NA	NA	NA	3372.33	
MW-6	05/12/10	3429.24	ND	56.89	ND	NA	NA	NA	3372.35	Sampled
MW-6	06/02/10	3429.24	ND	56.91	ND	NA	NA	NA	3372.33	
MW-6	07/07/10	3429.24	ND	57.00	ND	NA	NA	NA	3372.24	
MW-6	08/03/10	3429.24	ND	56.98	ND	NA	NA	NA	3372.26	
MW-6	08/26/10	3429.24	ND	56.95	ND	NA	NA	NA	3372.29	Sampled
MW-6	09/01/10	3429.24	ND	56.95	ND	NA	NA	NA	3372.29	
MW-6	10/13/10	3429.24	ND	56.99	ND	NA	NA	NA	3372.25	
MW-6	11/18/10	3429.24	ND	57.05	ND	NA	NA	NA	3372.19	Sampled
MW-6	11/23/10	3429.24	ND	56.97	ND	NA	NA	NA	3372.27	
MW-6	12/08/10	3429.24	ND	56.98	ND	NA	NA	NA	3372.26	
MW-6	01/12/11	3429.24	ND	57.05	ND	NA	NA	NA	3372.19	
MW-6	02/08/11	3429.24	ND	56.95	ND	NA	NA	NA	3372.29	
MW-6	02/24/11	3429.24	ND	57.05	ND	NA	NA	NA	3372.19	Sampled
MW-6	03/08/11	3429.24	ND	57.02	ND	NA	NA	NA	3372.22	
MW-6	04/13/11	3429.24	ND	57.05	ND	NA	NA	NA	3372.19	
MW-6	06/03/11	3429.24	ND	57.19	ND	NA	NA	NA	3372.05	Sampled
MW-6	07/27/11	3429.24	ND	57.35	ND	NA	NA	NA	3371.89	
MW-6	08/29/11	3429.24	ND	57.44	ND	NA	NA	NA	3371.80	Sampled
MW-6	09/14/11	3429.24	ND	57.54	ND	NA	NA	NA	3371.70	
MW-6	10/12/11	3429.24	ND	57.54	ND	NA	NA	NA	3371.70	
MW-6	11/29/11	3429.24	ND	57.56	ND	NA	NA	NA	3371.68	Sampled
MW-6	12/27/11	3429.24	ND	57.54	ND	NA	NA	NA	3371.70	
MW-6	01/18/12	3429.24	ND	57.56	ND	NA	NA	NA	3371.68	
MW-6	02/02/12	3429.24	ND	57.51	ND	NA	NA	NA	3371.73	
MW-6	02/23/12	3429.24	ND	57.51	ND	NA	NA	NA	3371.73	
MW-6	04/20/12	3429.24	ND	57.63	ND	NA	NA	NA	3371.61	
MW-6	05/24/12	3429.24	ND	57.60	ND	NA	NA	NA	3371.64	
MW-6	07/18/12	3429.24	ND	57.81	ND	NA	NA	NA	3371.43	
MW-6	09/12/12	3429.24	ND	57.88	ND	NA	NA	NA	3371.36	
MW-6	10/16/12	3429.24	ND	57.89	ND	NA	NA	NA	3371.35	
MW-6	11/19/12	3429.24	ND	57.95	ND	NA	NA	NA	3371.29	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-6	12/11/12	3429.24	ND	57.97	ND	NA	NA	NA	3371.27	
MW-7	02/21/07	3429.8	ND	57.65	ND	NA	NA	NA	3372.15	
MW-7	03/01/07	3429.8	ND	57.63	ND	NA	NA	NA	3372.17	Sampled
MW-7	04/03/07	3429.8	ND	57.68	ND	NA	NA	NA	3372.12	
MW-7	05/03/07	3429.8	ND	57.60	ND	NA	NA	NA	3372.20	
MW-7	05/31/07	3429.8	ND	57.60	ND	NA	NA	NA	3372.20	Sampled
MW-7	06/06/07	3429.8	ND	57.60	ND	NA	NA	NA	3372.20	
MW-7	07/05/07	3429.8	ND	57.55	ND	NA	NA	NA	3372.25	
MW-7	07/31/07	3429.8	ND	57.58	ND	NA	NA	NA	3372.22	
MW-7	09/06/07	3429.8	ND	57.65	ND	NA	NA	NA	3372.15	Sampled
MW-7	10/04/07	3429.8	ND	57.67	ND	NA	NA	NA	3372.13	
MW-7	11/13/07	3429.8	ND	57.65	ND	NA	NA	NA	3372.15	Sampled
MW-7	12/05/07	3429.8	ND	57.67	ND	NA	NA	NA	3372.13	
MW-7	01/09/08	3429.8	ND	57.62	ND	NA	NA	NA	3372.18	
MW-7	02/06/08	3429.8	ND	57.67	ND	NA	NA	NA	3372.13	
MW-7	02/26/08	3429.8	ND	57.63	ND	NA	NA	NA	3372.17	Sampled
MW-7	04/02/08	3429.8	ND	57.61	ND	NA	NA	NA	3372.19	
MW-7	05/29/08	3429.8	ND	57.64	ND	NA	NA	NA	3372.16	Sampled
MW-7	06/26/08	3429.8	ND	57.20	ND	NA	NA	NA	3372.60	
MW-7	07/07/08	3429.8	ND	57.73	ND	NA	NA	NA	3372.07	
MW-7	08/18/08	3429.8	ND	57.77	ND	NA	NA	NA	3372.03	Sampled
MW-7	10/15/08	3429.8	ND	57.83	ND	NA	NA	NA	3371.97	
MW-7	11/20/08	3429.8	ND	57.88	ND	NA	NA	NA	3371.92	Sampled
MW-7	12/21/08	3429.8	ND	57.82	ND	NA	NA	NA	3371.98	
MW-7	02/04/09	3429.8	ND	57.77	ND	NA	NA	NA	3372.03	
MW-7	02/18/09	3429.8	ND	57.75	ND	NA	NA	NA	3372.05	Sampled
MW-7	03/04/09	3429.8	ND	57.78	ND	NA	NA	NA	3372.02	
MW-7	04/08/09	3429.8	ND	57.67	ND	NA	NA	NA	3372.13	
MW-7	05/06/09	3429.8	ND	57.70	ND	NA	NA	NA	3372.10	
MW-7	05/20/09	3429.8	ND	57.73	ND	NA	NA	NA	3372.07	Sampled
MW-7	06/03/09	3429.8	ND	57.75	ND	NA	NA	NA	3372.05	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-7	07/15/09	3429.8	ND	57.95	ND	NA	NA	NA	3371.85	
MW-7	08/05/09	3429.8	ND	57.91	ND	NA	NA	NA	3371.89	
MW-7	08/27/09	3429.8	ND	57.96	ND	NA	NA	NA	3371.84	Sampled
MW-7	09/02/09	3429.8	ND	57.94	ND	NA	NA	NA	3371.86	
MW-7	10/07/09	3429.8	ND	57.96	ND	NA	NA	NA	3371.84	
MW-7	11/04/09	3429.8	ND	57.98	ND	NA	NA	NA	3371.82	
MW-7	11/17/09	3429.8	ND	57.96	ND	NA	NA	NA	3371.84	Sampled
MW-7	12/02/09	3429.8	ND	57.97	ND	NA	NA	NA	3371.83	
MW-7	01/06/10	3429.8	ND	57.94	ND	NA	NA	NA	3371.86	
MW-7	02/11/10	3429.8	ND	57.95	ND	NA	NA	NA	3371.85	Sampled
MW-7	03/10/10	3429.8	ND	57.90	ND	NA	NA	NA	3371.90	
MW-7	04/07/10	3429.8	ND	57.95	ND	NA	NA	NA	3371.85	
MW-7	05/05/10	3429.8	ND	57.95	ND	NA	NA	NA	3371.85	
MW-7	05/12/10	3429.8	ND	57.93	ND	NA	NA	NA	3371.87	Sampled
MW-7	06/02/10	3429.8	ND	57.96	ND	NA	NA	NA	3371.84	
MW-7	07/07/10	3429.8	ND	58.05	ND	NA	NA	NA	3371.75	
MW-7	08/03/10	3429.8	ND	57.99	ND	NA	NA	NA	3371.81	
MW-7	08/26/10	3429.8	ND	57.96	ND	NA	NA	NA	3371.84	Sampled
MW-7	09/01/10	3429.8	ND	57.96	ND	NA	NA	NA	3371.84	
MW-7	10/13/10	3429.8	ND	58.00	ND	NA	NA	NA	3371.80	
MW-7	11/18/10	3429.8	ND	58.05	ND	NA	NA	NA	3371.75	Sampled
MW-7	11/23/10	3429.8	ND	58.01	ND	NA	NA	NA	3371.79	
MW-7	12/08/10	3429.8	ND	58.01	ND	NA	NA	NA	3371.79	
MW-7	01/12/11	3429.8	ND	58.06	ND	NA	NA	NA	3371.74	
MW-7	02/08/11	3429.8	ND	57.99	ND	NA	NA	NA	3371.81	
MW-7	02/24/11	3429.8	ND	58.05	ND	NA	NA	NA	3371.75	Sampled
MW-7	03/08/11	3429.8	ND	58.02	ND	NA	NA	NA	3371.78	
MW-7	04/13/11	3429.8	ND	58.09	ND	NA	NA	NA	3371.71	
MW-7	06/03/11	3429.8	ND	58.20	ND	NA	NA	NA	3371.60	Sampled
MW-7	07/27/11	3429.8	ND	58.35	ND	NA	NA	NA	3371.45	
MW-7	08/29/11	3429.8	ND	58.44	ND	NA	NA	NA	3371.36	Sampled
MW-7	09/14/11	3429.8	ND	58.55	ND	NA	NA	NA	3371.25	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-7	10/12/11	3429.8	ND	58.58	ND	NA	NA	NA	3371.22	
MW-7	11/29/11	3429.8	ND	58.61	ND	NA	NA	NA	3371.19	Sampled
MW-7	12/27/11	3429.8	ND	58.58	ND	NA	NA	NA	3371.22	
MW-7	02/02/12	3429.8	ND	58.54	ND	NA	NA	NA	3371.26	
MW-7	02/23/12	3429.8	ND	58.57	ND	NA	NA	NA	3371.23	
MW-7	04/20/12	3429.8	ND	58.63	ND	NA	NA	NA	3371.17	
MW-7	05/24/12	3429.8	ND	58.62	ND	NA	NA	NA	3371.18	
MW-7	07/18/12	3429.8	ND	58.85	ND	NA	NA	NA	3370.95	
MW-7	09/12/12	3429.8	ND	58.93	ND	NA	NA	NA	3370.87	
MW-7	10/16/12	3429.8	ND	58.94	ND	NA	NA	NA	3370.86	
MW-7	11/19/12	3429.8	ND	59.00	ND	NA	NA	NA	3370.80	
MW-7	12/11/12	3429.8	ND	59.00	ND	NA	NA	NA	3370.80	
MW-8	02/21/07	3430.21	57.89	57.95	0.06	NA	NA	NA	3372.31	Installed Sock
MW-8	03/07/07	3430.21	57.83	57.89	0.06	NA	NA	NA	3372.37	Flipped Sock
MW-8	03/14/07	3430.21	ND	57.89	ND	NA	NA	NA	3372.32	
MW-8	03/21/07	3430.21	ND	57.87	ND	NA	NA	NA	3372.34	Sock
MW-8	03/28/07	3430.21	ND	57.88	ND	NA	NA	NA	3372.33	Sock
MW-8	04/03/07	3430.21	ND	57.89	ND	NA	NA	NA	3372.32	Sock
MW-8	04/10/07	3430.21	ND	57.95	ND	NA	NA	NA	3372.26	Sock
MW-8	04/18/07	3430.21	ND	57.88	ND	NA	NA	NA	3372.33	Sock
MW-8	04/24/07	3430.21	ND	57.88	ND	NA	NA	NA	3372.33	Sock
MW-8	05/03/07	3430.21	ND	57.91	ND	NA	NA	NA	3372.30	New Sock
MW-8	05/11/07	3430.21	ND	57.87	ND	NA	NA	NA	3372.34	Sock
MW-8	05/16/07	3430.21	ND	57.89	ND	NA	NA	NA	3372.32	Sock
MW-8	05/23/07	3430.21	ND	57.84	ND	NA	NA	NA	3372.37	Sock
MW-8	05/31/07	3430.21	ND	57.86	ND	NA	NA	NA	3372.35	Sock
MW-8	06/06/07	3430.21	ND	57.80	ND	NA	NA	NA	3372.41	Sock
MW-8	06/13/07	3430.21	ND	57.84	ND	NA	NA	NA	3372.37	Flipped Sock
MW-8	06/19/07	3430.21	ND	57.82	ND	NA	NA	NA	3372.39	Sock
MW-8	06/27/07	3430.21	ND	57.91	ND	NA	NA	NA	3372.30	Sock
MW-8	07/05/07	3430.21	ND	57.82	ND	NA	NA	NA	3372.39	Sock

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							PSH	H ₂ O		
MW-8	07/11/07	3430.21	ND	57.83	ND	NA	NA	NA	3372.38	Sock
MW-8	07/19/07	3430.21	ND	57.83	ND	NA	NA	NA	3372.38	New Sock
MW-8	07/24/07	3430.21	ND	57.85	ND	NA	NA	NA	3372.36	Sock
MW-8	07/31/07	3430.21	ND	57.88	ND	NA	NA	NA	3372.33	Sock
MW-8	08/09/07	3430.21	ND	57.90	ND	NA	NA	NA	3372.31	Flipped Sock
MW-8	08/16/07	3430.21	57.83	57.90	0.07	NA	NA	NA	3372.37	Sock
MW-8	08/22/07	3430.21	ND	57.73	ND	NA	NA	NA	3372.48	Sock
MW-8	08/28/07	3430.21	ND	57.94	ND	NA	NA	NA	3372.27	New Sock
MW-8	09/06/07	3430.21	ND	57.76	ND	NA	NA	NA	3372.45	Sock
MW-8	09/13/07	3430.21	ND	57.90	ND	NA	NA	NA	3372.31	Sock
MW-8	09/18/07	3430.21	ND	57.06	ND	NA	NA	NA	3373.15	Sock
MW-8	09/26/07	3430.21	ND	57.90	ND	NA	NA	NA	3372.31	Sock
MW-8	10/04/07	3430.21	ND	57.92	ND	NA	NA	NA	3372.29	Flipped Sock
MW-8	10/10/07	3430.21	ND	57.91	ND	NA	NA	NA	3372.30	Sock
MW-8	10/17/07	3430.21	ND	57.94	ND	NA	NA	NA	3372.27	Sock
MW-8	10/24/07	3430.21	ND	57.90	ND	NA	NA	NA	3372.31	Sock
MW-8	10/31/07	3430.21	ND	57.90	ND	NA	NA	NA	3372.31	Sock
MW-8	11/07/07	3430.21	ND	57.97	ND	NA	NA	NA	3372.24	Sock
MW-8	11/13/07	3430.21	ND	57.87	ND	NA	NA	NA	3372.34	Sock
MW-8	11/20/07	3430.21	ND	57.89	ND	NA	NA	NA	3372.32	Sock
MW-8	11/27/07	3430.21	ND	57.85	ND	NA	NA	NA	3372.36	Sock
MW-8	12/05/07	3430.21	ND	57.91	ND	NA	NA	NA	3372.30	Sock
MW-8	12/12/07	3430.21	ND	57.88	ND	NA	NA	NA	3372.33	Sock
MW-8	12/18/07	3430.21	ND	57.90	ND	NA	NA	NA	3372.31	Sock
MW-8	12/27/07	3430.21	ND	57.85	ND	NA	NA	NA	3372.36	New Sock
MW-8	01/03/08	3430.21	ND	57.88	ND	NA	NA	NA	3372.33	Sock
MW-8	01/09/08	3430.21	ND	57.85	ND	NA	NA	NA	3372.36	Sock
MW-8	01/17/08	3430.21	ND	57.88	ND	NA	NA	NA	3372.33	Sock
MW-8	01/23/08	3430.21	ND	57.86	ND	NA	NA	NA	3372.35	Sock
MW-8	01/30/08	3430.21	ND	57.85	ND	NA	NA	NA	3372.36	Flipped Sock
MW-8	02/06/08	3430.21	ND	57.91	ND	NA	NA	NA	3372.30	Sock
MW-8	02/13/08	3430.21	ND	57.83	ND	NA	NA	NA	3372.38	Sock

TAB.
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 Plains Marketing, L.P.
 Hugh Gathering
 SRS #2002-10235
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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-8	02/19/08	3430.21	ND	57.86	ND	NA	NA	NA	3372.35	Sock
MW-8	02/27/08	3430.21	ND	58.50	ND	NA	NA	NA	3371.71	Sock
MW-8	03/04/08	3430.21	ND	57.85	ND	NA	NA	NA	3372.36	New Sock
MW-8	03/12/08	3430.21	ND	57.83	ND	NA	NA	NA	3372.38	Sock
MW-8	03/19/08	3430.21	ND	57.87	ND	NA	NA	NA	3372.34	Sock
MW-8	03/26/08	3430.21	ND	57.82	ND	NA	NA	NA	3372.39	Sock
MW-8	04/02/08	3430.21	ND	57.85	ND	NA	NA	NA	3372.36	Sock
MW-8	04/09/08	3430.21	ND	57.84	ND	NA	NA	NA	3372.37	Sock
MW-8	04/16/08	3430.21	ND	57.90	ND	NA	NA	NA	3372.31	Sock
MW-8	04/24/08	3430.21	ND	57.85	ND	NA	NA	NA	3372.36	New Sock
MW-8	04/30/08	3430.21	ND	57.83	ND	NA	NA	NA	3372.38	Sock
MW-8	05/05/08	3430.21	ND	57.87	ND	NA	NA	NA	3372.34	Sock
MW-8	05/14/08	3430.21	ND	57.89	ND	NA	NA	NA	3372.32	Sock
MW-8	05/20/08	3430.21	ND	57.92	ND	NA	NA	NA	3372.29	Sock
MW-8	05/29/08	3430.21	ND	57.91	ND	NA	NA	NA	3372.30	Sock
MW-8	06/04/08	3430.21	ND	57.94	ND	NA	NA	NA	3372.27	Sock
MW-8	06/11/08	3430.21	ND	57.99	ND	NA	NA	NA	3372.22	Sock
MW-8	06/18/08	3430.21	ND	58.03	ND	NA	NA	NA	3372.18	Sock
MW-8	06/26/08	3430.21	ND	58.10	ND	NA	NA	NA	3372.11	Sock
MW-8	07/02/08	3430.21	ND	58.11	ND	NA	NA	NA	3372.10	Sock
MW-8	07/07/08	3430.21	ND	58.02	ND	NA	NA	NA	3372.19	New Sock
MW-8	07/16/08	3430.21	ND	58.00	ND	NA	NA	NA	3372.21	Sock
MW-8	07/21/08	3430.21	ND	58.24	ND	NA	NA	NA	3371.97	Sock
MW-8	07/29/08	3430.21	ND	58.06	ND	NA	NA	NA	3372.15	Sock
MW-8	08/06/08	3430.21	ND	58.08	ND	NA	NA	NA	3372.13	Sock
MW-8	08/13/08	3430.21	ND	58.08	ND	NA	NA	NA	3372.13	New Sock
MW-8	08/18/08	3430.21	ND	58.01	ND	NA	NA	NA	3372.20	Sock
MW-8	08/27/08	3430.21	ND	58.05	ND	NA	NA	NA	3372.16	Sock
MW-8	09/02/08	3430.21	ND	58.10	ND	NA	NA	NA	3372.11	Sock
MW-8	09/09/08	3430.21	ND	58.14	ND	NA	NA	NA	3372.07	Sock
MW-8	09/17/08	3430.21	ND	58.03	ND	NA	NA	NA	3372.18	Sock
MW-8	09/24/08	3430.21	ND	58.05	ND	NA	NA	NA	3372.16	Sock

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Hugh Gathering
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							PSH	H ₂ O		
MW-8	10/01/08	3430.21	ND	58.09	ND	NA	NA	NA	3372.12	Sock
MW-8	10/15/08	3430.21	ND	58.06	ND	NA	NA	NA	3372.15	Flipped Sock
MW-8	10/22/08	3430.21	ND	58.05	ND	NA	NA	NA	3372.16	Sock
MW-8	10/29/08	3430.21	ND	58.06	ND	NA	NA	NA	3372.15	Sock
MW-8	11/05/08	3430.21	ND	58.05	ND	NA	NA	NA	3372.16	Sock
MW-8	11/20/08	3430.21	ND	57.75	ND	NA	NA	NA	3372.46	Sock
MW-8	11/26/08	3430.21	ND	58.00	ND	NA	NA	NA	3372.21	Sock
MW-8	12/03/08	3430.21	ND	58.01	ND	NA	NA	NA	3372.20	Sock
MW-8	12/10/08	3430.21	ND	58.03	ND	NA	NA	NA	3372.18	Sock
MW-8	12/17/08	3430.21	ND	58.13	ND	NA	NA	NA	3372.08	Sock
MW-8	12/21/08	3430.21	ND	58.08	ND	NA	NA	NA	3372.13	Sock
MW-8	12/31/08	3430.21	ND	58.05	ND	NA	NA	NA	3372.16	Sock
MW-8	01/02/09	3430.21	ND	58.05	ND	NA	NA	NA	3372.16	Sock
MW-8	01/07/09	3430.21	ND	57.99	ND	NA	NA	NA	3372.22	Sock
MW-8	01/15/09	3430.21	ND	58.03	ND	NA	NA	NA	3372.18	Sock
MW-8	01/22/09	3430.21	ND	57.99	ND	NA	NA	NA	3372.22	New Sock
MW-8	01/28/09	3430.21	ND	57.98	ND	NA	NA	NA	3372.23	Flipped Sock
MW-8	02/04/09	3430.21	ND	58.00	ND	NA	NA	NA	3372.21	Sock
MW-8	02/04/09	3430.21	ND	58.02	ND	NA	NA	NA	3372.19	Sock
MW-8	02/18/09	3430.21	ND	57.97	ND	NA	NA	NA	3372.24	Sock
MW-8	02/25/09	3430.21	ND	57.95	ND	NA	NA	NA	3372.26	Sock
MW-8	03/04/09	3430.21	ND	57.95	ND	NA	NA	NA	3372.26	Flipped Sock
MW-8	03/11/09	3430.21	ND	58.02	ND	NA	NA	NA	3372.19	Sock
MW-8	03/18/09	3430.21	ND	57.96	ND	Pumped	0.00	20.00	3372.25	
MW-8	03/18/09	3430.21	ND	59.29	ND	NA	NA	NA	3370.92	
MW-8	03/25/09	3430.21	ND	57.96	ND	Pumped	0.00	20.00	3372.25	
MW-8	03/25/09	3430.21	ND	59.51	ND	NA	NA	NA	3370.70	
MW-8	04/01/09	3430.21	ND	57.93	ND	Pumped	0.10	19.90	3372.28	
MW-8	04/01/09	3430.21	ND	58.81	ND	NA	NA	NA	3371.40	
MW-8	04/08/09	3430.21	ND	57.93	ND	Pumped	0.00	12.00	3372.28	
MW-8	04/08/09	3430.21	ND	58.05	ND	NA	NA	NA	3372.16	
MW-8	04/15/09	3430.21	ND	58.10	ND	Pumped	0.00	10.00	3372.11	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-8	04/15/09	3430.21	ND	58.13	ND	NA	NA	NA	3372.08	
MW-8	04/22/09	3430.21	ND	57.98	ND	Pumped	0.00	20.00	3372.23	
MW-8	04/22/09	3430.21	ND	58.93	ND	NA	NA	NA	3371.28	
MW-8	04/29/09	3430.21	ND	57.95	ND	Pumped	0.00	20.00	3372.26	
MW-8	04/29/09	3430.21	ND	59.48	ND	NA	NA	NA	3370.73	
MW-8	05/06/09	3430.21	ND	57.96	ND	NA	NA	NA	3372.25	
MW-8	05/14/09	3430.21	ND	58.01	ND	NA	NA	NA	3372.20	
MW-8	05/14/09	3430.21	ND	59.34	ND	Pumped	0.00	20.00	3370.87	
MW-8	05/20/09	3430.21	ND	57.91	ND	NA	NA	NA	3372.30	
MW-8	05/27/09	3430.21	ND	58.01	ND	Pumped	0.00	10.00	3372.20	
MW-8	05/27/09	3430.21	ND	58.99	ND	NA	NA	NA	3371.22	
MW-8	06/03/09	3430.21	ND	58.01	ND	NA	NA	NA	3372.20	
MW-8	06/11/09	3430.21	ND	58.09	ND	NA	NA	NA	3372.12	
MW-8	06/17/09	3430.21	ND	58.38	ND	NA	NA	NA	3371.83	
MW-8	06/17/09	3430.21	ND	59.30	ND	Pumped	0.00	10.00	3370.91	
MW-8	06/23/09	3430.21	ND	58.09	ND	NA	NA	NA	3372.12	
MW-8	07/01/09	3430.21	ND	58.10	ND	NA	NA	NA	3372.11	
MW-8	07/07/09	3430.21	ND	58.07	ND	NA	NA	NA	3372.14	
MW-8	07/15/09	3430.21	ND	58.14	ND		0.00	10.00	3372.07	Flipped Sock
MW-8	07/22/09	3430.21	ND	58.22	ND	NA	NA	NA	3371.99	
MW-8	07/29/09	3430.21	ND	58.16	ND	NA	NA	NA	3372.05	
MW-8	08/05/09	3430.21	ND	58.13	ND	NA	NA	NA	3372.08	New Sock
MW-8	08/12/09	3430.21	ND	58.12	ND	NA	NA	NA	3372.09	
MW-8	08/19/09	3430.21	ND	58.10	ND	NA	NA	NA	3372.11	New Sock
MW-8	08/27/09	3430.21	ND	58.18	ND	NA	NA	NA	3372.03	
MW-8	09/02/09	3430.21	ND	58.15	ND	NA	NA	NA	3372.06	
MW-8	09/09/09	3430.21	ND	58.17	ND		0.10	9.90	3372.04	New Sock
MW-8	09/09/09	3430.21	ND	59.43	ND	NA	NA	NA	3370.78	
MW-8	09/16/09	3430.21	ND	58.24	ND	NA	NA	NA	3371.97	
MW-8	09/23/09	3430.21	ND	58.24	ND	NA	0.00	10.00	3371.97	
MW-8	09/23/09	3430.21	ND	59.71	ND	NA	NA	NA	3370.50	
MW-8	09/30/09	3430.21	ND	58.21	ND	NA	0.00	10.00	3372.00	

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HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.

Hugh Gathering

SRS #2002-10235

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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-8	09/30/09	3430.21	ND	59.58	ND	NA	NA	NA	3370.63	
MW-8	10/07/09	3430.21	ND	58.24	ND	NA	NA	NA	3371.97	
MW-8	10/14/09	3430.21	ND	58.23	ND	Pumped	0.00	10.00	3371.98	
MW-8	10/14/09	3430.21	ND	59.69	ND	NA	NA	NA	3370.52	
MW-8	10/21/09	3430.21	ND	58.25	ND	NA	NA	NA	3371.96	
MW-8	10/29/09	3430.21	ND	58.26	ND	Pumped	0.10	14.90	3371.95	
MW-8	10/29/09	3430.21	ND	59.79	ND	NA	NA	NA	3370.42	
MW-8	11/04/09	3430.21	ND	58.26	ND	NA	NA	NA	3371.95	
MW-8	11/11/09	3430.21	ND	58.26	ND	Pumped	0.00	10.00	3371.95	
MW-8	11/11/09	3430.21	ND	59.54	ND	NA	NA	NA	3370.67	
MW-8	11/17/09	3430.21	58.23	58.24	0.01	Pumped	0.10	9.90	3371.98	
MW-8	11/17/09	3430.21	58.23	58.24	0.01	NA	NA	NA	3371.98	
MW-8	11/25/09	3430.21	58.23	58.24	0.01	NA	NA	NA	3371.98	
MW-8	11/25/09	3430.21	ND	59.26	ND		0.10	9.90	3370.95	
MW-8	12/02/09	3430.21	ND	58.25	ND	Pumped	0.00	10.00	3371.96	
MW-8	12/02/09	3430.21	ND	59.62	ND	NA	NA	NA	3370.59	
MW-8	12/09/09	3430.21	ND	58.26	ND	Pumped	0.00	10.00	3371.95	
MW-8	12/09/09	3430.21	ND	58.95	ND	NA	NA	NA	3371.26	
MW-8	12/16/09	3430.21	ND	58.27	ND	NA	NA	NA	3371.94	
MW-8	12/23/09	3430.21	ND	58.27	ND	NA	NA	NA	3371.94	
MW-8	12/30/09	3430.21	58.26	58.27	0.01	NA	NA	NA	3371.95	
MW-8	01/06/10	3430.21	ND	58.25	ND	NA	NA	NA	3371.96	
MW-8	01/13/10	3430.21	ND	58.25	ND	NA	NA	NA	3371.96	
MW-8	01/20/10	3430.21	ND	58.26	ND	Pumped	0.00	10.00	3371.95	
MW-8	01/20/10	3430.21	ND	59.67	ND	NA	NA	NA	3370.54	
MW-8	01/27/10	3430.21	ND	58.32	ND	NA	NA	NA	3371.89	
MW-8	02/11/10	3430.21	ND	58.27	ND	NA	NA	NA	3371.94	
MW-8	02/17/10	3430.21	ND	58.32	ND	NA	NA	NA	3371.89	
MW-8	03/02/10	3430.21	ND	58.18	ND	NA	NA	NA	3372.03	
MW-8	03/10/10	3430.21	ND	58.16	ND	NA	NA	NA	3372.05	
MW-8	03/17/10	3430.21	ND	58.19	ND	NA	NA	NA	3372.02	
MW-8	03/24/10	3430.21	ND	58.18	ND	NA	NA	NA	3372.03	

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							PSH	H ₂ O		
MW-8	03/31/10	3430.21	ND	58.15	ND	NA	NA	NA	3372.06	
MW-8	04/07/10	3430.21	ND	58.21	ND	NA	NA	NA	3372.00	
MW-8	04/14/10	3430.21	ND	58.18	ND	NA	NA	NA	3372.03	
MW-8	04/21/10	3430.21	ND	58.15	ND	NA	NA	NA	3372.06	
MW-8	04/21/10	3430.21	ND	59.46	ND	Pumped	0.00	10.00	3370.75	
MW-8	04/28/10	3430.21	ND	58.18	ND	NA	NA	NA	3372.03	
MW-8	05/05/10	3430.21	58.14	58.15	0.01	NA	NA	NA	3372.07	
MW-8	05/12/10	3430.21	58.14	58.15	0.01	Pumped	0.10	5.90	3372.07	
MW-8	05/12/10	3430.21	ND	59.63	ND	NA	NA	NA	3370.58	
MW-8	05/19/10	3430.21	ND	58.25	ND	Pumped	0.10	4.90	3371.96	
MW-8	05/19/10	3430.21	ND	59.69	ND	NA	NA	NA	3370.52	
MW-8	05/29/10	3430.21	58.26	58.27	0.01	NA	NA	NA	3371.95	
MW-8	06/02/10	3430.21	58.27	58.28	0.01	NA	NA	NA	3371.94	
MW-8	06/12/10	3430.21	58.32	58.33	0.01	NA	NA	NA	3371.89	
MW-8	06/15/10	3430.21	ND	58.25	ND	Pumped	0.10	9.90	3371.96	
MW-8	06/15/10	3430.21	ND	59.75	ND	NA	NA	NA	3370.46	
MW-8	06/25/10	3430.21	ND	58.34	ND	NA	NA	NA	3371.87	
MW-8	06/30/10	3430.21	ND	58.35	ND	NA	NA	NA	3371.86	
MW-8	07/07/10	3430.21	58.36	58.37	0.01	NA	NA	NA	3371.85	
MW-8	07/14/10	3430.21	58.36	58.37	0.01		0.10	9.90	3371.85	
MW-8	07/14/10	3430.21	ND	59.87	ND	NA	NA	NA	3370.34	
MW-8	07/21/10	3430.21	ND	58.32	ND	NA	NA	NA	3371.89	
MW-8	07/28/10	3430.21	58.31	58.32	0.01	NA	NA	NA	3371.90	
MW-8	08/03/10	3430.21	58.30	58.31	0.01	NA	NA	NA	3371.91	
MW-8	08/11/10	3430.21	58.27	58.28	0.01	NA	NA	NA	3371.94	
MW-8	08/18/10	3430.21	58.30	58.31	0.01	NA	NA	NA	3371.91	
MW-8	08/25/10	3430.21	58.30	58.31	0.01	Pumped	0.10	9.90	3371.91	
MW-8	08/25/10	3430.21	ND	59.95	ND	NA	NA	NA	3370.26	
MW-8	09/01/10	3430.21	58.25	58.26	0.01	NA	NA	NA	3371.96	
MW-8	09/08/10	3430.21	58.25	58.26	0.01	NA	NA	NA	3371.96	
MW-8	09/15/10	3430.21	58.24	58.25	0.01	NA	NA	NA	3371.97	
MW-8	09/21/10	3430.21	58.25	58.26	0.01	NA	NA	NA	3371.96	

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							PSH	H ₂ O		
MW-8	10/01/10	3430.21	58.29	58.30	0.01	Pumped	0.10	9.90	3371.92	
MW-8	10/01/10	3430.21	ND	59.60	ND	NA	NA	NA	3370.61	
MW-8	10/06/10	3430.21	58.08	58.09	0.01	NA	NA	NA	3372.13	
MW-8	10/13/10	3430.21	58.27	58.28	0.01	NA	NA	NA	3371.94	
MW-8	10/22/10	3430.21	58.27	58.28	0.01	NA	NA	NA	3371.94	
MW-8	10/27/10	3430.21	58.23	58.24	0.01	Pumped	0.10	9.90	3371.98	
MW-8	10/27/10	3430.21	ND	59.65	ND	NA	NA	NA	3370.56	
MW-8	11/03/10	3430.21	58.23	58.24	0.01	NA	NA	NA	3371.98	
MW-8	11/10/10	3430.21	ND	58.20	ND	NA	NA	NA	3372.01	
MW-8	11/16/10	3430.21	58.23	58.25	0.02	Pumped	0.10	9.90	3371.98	
MW-8	11/16/10	3430.21	ND	59.61	ND	NA	NA	NA	3370.60	
MW-8	11/23/10	3430.21	58.17	58.18	0.01	Pumped	0.10	9.90	3372.04	
MW-8	11/23/10	3430.21	ND	59.08	ND	NA	NA	NA	3371.13	
MW-8	12/01/10	3430.21	58.22	58.23	0.01	NA	NA	NA	3371.99	
MW-8	12/08/10	3430.21	ND	58.17	ND	Pumped	0.10	9.90	3372.04	
MW-8	12/08/10	3430.21	ND	59.70	ND	NA	NA	NA	3370.51	
MW-8	12/15/10	3430.21	58.14	58.15	0.01	NA	NA	NA	3372.07	
MW-8	12/21/10	3430.21	58.19	58.20	0.01	NA	NA	NA	3372.02	
MW-8	12/28/10	3430.21	NG	NG	NG	Pumped	0.10	9.90	NG	Interruption
MW-8	01/08/11	3430.21	58.19	58.20	0.01	NA	NA	NA	3372.02	
MW-8	01/12/11	3430.21	58.24	58.25	0.01	NA	NA	NA	3371.97	
MW-8	01/19/11	3430.21	58.16	58.17	0.01	Pumped	0.10	9.90	3372.05	
MW-8	01/19/11	3430.21	ND	59.61	ND	NA	NA	NA	3370.60	
MW-8	01/25/11	3430.21	58.19	58.20	0.01	NA	NA	NA	3372.02	
MW-8	02/04/11	3430.21	58.20	58.21	0.01	NA	NA	NA	3372.01	
MW-8	02/08/11	3430.21	58.17	58.18	0.01	NA	NA	NA	3372.04	
MW-8	02/16/11	3430.21	58.17	58.18	0.01	NA	NA	NA	3372.04	
MW-8	02/24/11	3430.21	58.25	58.26	0.01	NA	NA	NA	3371.96	
MW-8	03/02/11	3430.21	58.20	58.21	0.01	NA	NA	NA	3372.01	
MW-8	03/08/11	3430.21	58.21	58.22	0.01	NA	NA	NA	3372.00	
MW-8	03/16/11	3430.21	58.21	58.22	0.01	NA	NA	NA	3372.00	
MW-8	03/23/11	3430.21	58.24	58.25	0.01	NA	NA	NA	3371.97	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-8	03/30/11	3430.21	58.19	58.20	0.01		0.10	9.90	3372.02	
MW-8	03/30/11	3430.21	ND	59.69	ND	NA	NA	NA	3370.52	
MW-8	04/08/11	3430.21	ND	58.24	ND	NA	NA	NA	3371.97	
MW-8	04/13/11	3430.21	58.23	58.24	0.01	NA	NA	NA	3371.98	
MW-8	04/20/11	3430.21	58.23	58.24	0.01	NA	NA	NA	3371.98	
MW-8	04/27/11	3430.21	58.34	58.35	0.01		0.10	9.90	3371.87	
MW-8	04/27/11	3430.21	ND	59.71	ND	NA	NA	NA	3370.50	
MW-8	05/04/11	3430.21	58.26	58.27	0.01	NA	NA	NA	3371.95	
MW-8	05/11/11	3430.21	58.31	58.32	0.01	NA	NA	NA	3371.90	
MW-8	05/19/11	3430.21	58.30	58.31	0.01	NA	NA	NA	3371.91	
MW-8	05/24/11	3430.21	58.28	58.29	0.01	NA	NA	NA	3371.93	
MW-8	06/03/11	3430.21	58.47	58.48	0.01	NA	NA	NA	3371.74	Sampled
MW-8	06/08/11	3430.21	58.45	58.46	0.01	NA	NA	NA	3371.76	
MW-8	06/17/11	3430.21	58.44	58.45	0.01	NA	NA	NA	3371.77	
MW-8	06/21/11	3430.21	58.38	58.39	0.01	NA	NA	NA	3371.83	
MW-8	06/29/11	3430.21	58.53	58.54	0.01	NA	NA	NA	3371.68	
MW-8	07/06/11	3430.21	58.59	58.60	0.01	NA	NA	NA	3371.62	
MW-8	07/13/11	3430.21	58.57	58.58	0.01	NA	NA	NA	3371.64	
MW-8	07/21/11	3430.21	58.61	58.62	0.01	NA	NA	NA	3371.60	
MW-8	07/27/11	3430.21	58.61	58.62	0.01	NA	NA	NA	3371.60	
MW-8	08/03/11	3430.21	58.66	58.67	0.01	NA	NA	NA	3371.55	
MW-8	08/11/11	3430.21	58.69	58.70	0.01	NA	NA	NA	3371.52	
MW-8	08/17/11	3430.21	58.60	58.61	0.01	NA	NA	NA	3371.61	
MW-8	08/24/11	3430.21	58.74	58.75	0.01	NA	NA	NA	3371.47	
MW-8	08/29/11	3430.21	58.74	58.75	0.01	NA	NA	NA	3371.47	
MW-8	09/07/11	3430.21	58.80	58.81	0.01	NA	NA	NA	3371.41	
MW-8	09/14/11	3430.21	58.78	58.79	0.01	NA	NA	NA	3371.43	
MW-8	09/21/11	3430.21	58.81	58.82	0.01	NA	NA	NA	3371.40	
MW-8	09/26/11	3430.21	58.79	58.80	0.01	NA	NA	NA	3371.42	
MW-8	10/05/11	3430.21	58.76	58.77	0.01	NA	NA	NA	3371.45	
MW-8	10/12/11	3430.21	58.83	58.84	0.01	NA	NA	NA	3371.38	
MW-8	10/18/11	3430.21	58.81	58.82	0.01	NA	NA	NA	3371.40	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-8	10/28/11	3430.21	58.84	58.85	0.01	NA	NA	NA	3371.37	
MW-8	11/02/11	3430.21	Sheen	58.89	Sheen	NA	NA	NA	3371.32	
MW-8	11/09/11	3430.21	58.89	58.90	0.01	NA	NA	NA	3371.32	
MW-8	11/18/11	3430.21	58.83	58.84	0.01	NA	NA	NA	3371.38	
MW-8	11/23/11	3430.21	58.87	58.88	0.01	NA	NA	NA	3371.34	
MW-8	11/29/11	3430.21	58.85	58.86	0.01	NA	NA	NA	3371.36	
MW-8	12/13/11	3430.21	58.82	58.83	0.01	NA	NA	NA	3371.39	
MW-8	12/20/11	3430.21	58.83	58.84	0.01	NA	NA	NA	3371.38	
MW-8	12/27/11	3430.21	58.84	58.88	0.04	NA	NA	NA	3371.36	
MW-8	01/04/12	3430.21	58.86	58.87	0.01	NA	NA	NA	3371.35	
MW-8	01/13/12	3430.21	58.85	58.86	0.01	NA	NA	NA	3371.36	
MW-8	01/18/12	3430.21	58.84	58.85	0.01	NA	NA	NA	3371.37	
MW-8	01/27/12	3430.21	58.84	58.85	0.01	NA	NA	NA	3371.37	
MW-8	02/02/12	3430.21	58.82	58.83	0.01	NA	NA	NA	3371.39	
MW-8	02/08/12	3430.21	58.87	58.88	0.01	NA	NA	NA	3371.34	
MW-8	02/15/12	3430.21	58.84	58.85	0.01	NA	NA	NA	3371.37	
MW-8	02/23/12	3430.21	58.79	58.80	0.01	NA	NA	NA	3371.42	
MW-8	02/29/12	3430.21	58.83	58.84	0.01	NA	NA	NA	3371.38	
MW-8	03/14/12	3430.21	58.87	58.88	0.01	NA	NA	NA	3371.34	
MW-8	03/21/12	3430.21	58.76	58.77	0.01	NA	NA	NA	3371.45	
MW-8	03/29/12	3430.21	58.18	58.19	0.01	NA	NA	NA	3372.03	
MW-8	04/03/12	3430.21	58.85	58.86	0.01	NA	NA	NA	3371.36	
MW-8	04/11/12	3430.21	58.82	58.83	0.01	NA	NA	NA	3371.39	
MW-8	04/20/12	3430.21	ND	58.77	ND	NA	NA	NA	3371.44	
MW-8	04/26/12	3430.21	58.85	58.86	0.01	NA	NA	NA	3371.36	
MW-8	05/02/12	3430.21	58.88	58.89	0.01	NA	NA	NA	3371.33	
MW-8	05/09/12	3430.21	58.86	58.87	0.01	NA	NA	NA	3371.35	
MW-8	05/16/12	3430.21	58.90	58.91	0.01	NA	NA	NA	3371.31	
MW-8	05/24/12	3430.21	ND	58.88	ND	NA	NA	NA	3371.33	
MW-8	05/29/12	3430.21	Sheen	58.83	Sheen	NA	NA	NA	3371.38	
MW-8	06/06/12	3430.21	ND	58.89	ND	NA	NA	NA	3371.32	
MW-8	06/13/12	3430.21	ND	58.85	ND	NA	NA	NA	3371.36	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-8	06/19/12	3430.21	Sheen	58.85	Sheen	NA	NA	NA	3371.36	
MW-8	06/27/12	3430.21	Sheen	58.91	Sheen	NA	NA	NA	3371.30	
MW-8	07/05/12	3430.21	Heavy Sheen	58.98	Heavy Sheen	NA	NA	NA	3371.23	
MW-8	07/11/12	3430.21	ND	58.99	ND	NA	NA	NA	3371.22	
MW-8	07/18/12	3430.21	Heavy Sheen	59.00	Heavy Sheen	NA	NA	NA	3371.21	
MW-8	07/25/12	3430.21	Sheen	59.00	Sheen	NA	NA	NA	3371.21	
MW-8	07/31/12	3430.21	59.03	59.04	0.01	NA	NA	NA	3371.18	
MW-8	08/08/12	3430.21	ND	59.08	ND	NA	NA	NA	3371.13	
MW-8	08/13/12	3430.21	ND	59.08	ND	NA	NA	NA	3371.13	
MW-8	08/20/12	3430.21	Sheen	59.08	Sheen	NA	NA	NA	3371.13	
MW-8	09/05/12	3430.21	ND	59.11	ND	NA	NA	NA	3371.10	
MW-8	09/12/12	3430.21	ND	59.08	ND	NA	NA	NA	3371.13	
MW-8	10/02/12	3430.21	ND	59.11	ND	NA	NA	NA	3371.10	
MW-8	10/10/12	3430.21	ND	59.11	ND	NA	NA	NA	3371.10	
MW-8	10/16/12	3430.21	ND	59.10	ND	NA	NA	NA	3371.11	
MW-8	10/24/12	3430.21	ND	59.10	ND	NA	NA	NA	3371.11	
MW-8	10/30/12	3430.21	59.11	59.12	0.01	NA	NA	NA	3371.10	
MW-8	11/06/12	3430.21	ND	59.14	ND	NA	NA	NA	3371.07	
MW-8	11/13/12	3430.21	ND	59.13	ND	NA	NA	NA	3371.08	
MW-8	11/19/12	3430.21	59.14	59.15	0.01	NA	NA	NA	3371.07	
MW-8	12/05/12	3430.21	ND	59.12	ND	NA	NA	NA	3371.09	
MW-8	12/11/12	3430.21	58.16	58.17	0.01	NA	0.10	5.00	3372.05	
MW-8	12/11/12	3430.21	ND	59.63	ND	NA	NA	NA	3370.58	
MW-9	02/21/07	3429.88	57.50	57.55	0.05	NA	NA	NA	3372.37	Installed Sock
MW-9	03/07/07	3429.88	57.48	57.53	0.05	NA	NA	NA	3372.39	Flipped Sock
MW-9	03/14/07	3429.88	57.62	57.76	0.14	NA	NA	NA	3372.24	Flipped Sock
MW-9	03/21/07	3429.88	57.72	57.75	0.03	NA	NA	NA	3372.16	Socket
MW-9	03/28/07	3429.88	57.50	57.90	0.40	NA	NA	NA	3372.32	New Sock
MW-9	04/03/07	3429.88	57.60	57.68	0.08	NA	NA	NA	3372.27	New Sock
MW-9	04/10/07	3429.88	ND	57.64	ND	NA	NA	NA	3372.24	New Sock
MW-9	04/18/07	3429.88	ND	57.50	ND	NA	NA	NA	3372.38	Socket

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-9	04/24/07	3429.88	ND	57.70	ND	NA	NA	NA	3372.18	Sock
MW-9	05/03/07	3429.88	57.58	57.68	0.10	NA	NA	NA	3372.29	Flipped Sock
MW-9	05/11/07	3429.88	57.49	57.79	0.30	NA	NA	NA	3372.35	New Sock
MW-9	05/16/07	3429.88	ND	57.55	ND	NA	NA	NA	3372.33	New Sock
MW-9	05/23/07	3429.88	ND	57.56	ND	NA	NA	NA	3372.32	Sock
MW-9	05/31/07	3429.88	ND	57.52	ND	NA	NA	NA	3372.36	Sock
MW-9	06/06/07	3429.88	ND	57.44	ND	NA	NA	NA	3372.44	Sock
MW-9	06/13/07	3429.88	ND	57.64	ND	NA	NA	NA	3372.24	New Sock
MW-9	06/19/07	3429.88	ND	57.50	ND	NA	NA	NA	3372.38	Flipped Sock
MW-9	06/27/07	3429.88	ND	57.86	ND	NA	NA	NA	3372.02	Sock
MW-9	07/05/07	3429.88	57.45	57.51	0.06	NA	NA	NA	3372.42	Sock
MW-9	07/11/07	3429.88	ND	57.54	ND	NA	NA	NA	3372.34	Sock
MW-9	07/11/07	3429.88	ND	57.47	ND	NA	NA	NA	3372.41	Flipped Sock
MW-9	07/24/07	3429.88	ND	57.50	ND	NA	NA	NA	3372.38	Sock
MW-9	07/31/07	3429.88	ND	57.52	ND	NA	NA	NA	3372.36	Sock
MW-9	08/09/07	3429.88	ND	57.77	ND	NA	NA	NA	3372.11	New Sock
MW-9	08/16/07	3429.88	ND	57.54	ND	NA	NA	NA	3372.34	Sock
MW-9	08/22/07	3429.88	ND	57.44	ND	NA	NA	NA	3372.44	Sock
MW-9	08/28/07	3429.88	ND	57.61	ND	NA	NA	NA	3372.27	Sock
MW-9	09/06/07	3429.88	ND	57.49	ND	NA	NA	NA	3372.39	Sock
MW-9	09/13/07	3429.88	ND	57.85	ND	NA	NA	NA	3372.03	Flipped Sock
MW-9	09/18/07	3429.88	ND	57.83	ND	NA	NA	NA	3372.05	Sock
MW-9	09/26/07	3429.88	ND	57.88	ND	NA	NA	NA	3372.00	Sock
MW-9	10/04/07	3429.88	58.00	58.01	0.01	NA	NA	NA	3371.88	New Sock
MW-9	10/10/07	3429.88	ND	57.62	ND	NA	NA	NA	3372.26	Flipped Sock
MW-9	10/17/07	3429.88	ND	57.64	ND	NA	NA	NA	3372.24	Sock
MW-9	10/24/07	3429.88	57.83	57.89	0.06	NA	NA	NA	3372.04	Sock
MW-9	10/31/07	3429.88	57.97	58.00	0.03	NA	NA	NA	3371.91	New Sock
MW-9	11/07/07	3429.88	ND	58.10	ND	NA	NA	NA	3371.78	Sock
MW-9	11/13/07	3429.88	57.75	57.79	0.04	NA	NA	NA	3372.12	Sock
MW-9	11/20/07	3429.88	ND	57.79	ND	NA	NA	NA	3372.09	New Sock
MW-9	11/27/07	3429.88	ND	57.77	ND	NA	NA	NA	3372.11	Sock

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-9	12/05/07	3429.88	57.73	57.74	0.01	NA	NA	NA	3372.15	Flipped Sock
MW-9	12/12/07	3429.88	ND	57.72	ND	NA	NA	NA	3372.16	Sock
MW-9	12/18/07	3429.88	ND	57.88	ND	NA	NA	NA	3372.00	New Sock
MW-9	12/27/07	3429.88	57.72	57.74	0.02	NA	NA	NA	3372.16	Flipped Sock
MW-9	01/03/08	3429.88	57.82	57.86	0.04	NA	NA	NA	3372.05	New Sock
MW-9	01/09/08	3429.88	ND	57.48	ND	NA	NA	NA	3372.40	Flipped Sock
MW-9	01/17/08	3429.88	ND	57.58	ND	NA	NA	NA	3372.30	New Sock
MW-9	01/23/08	3429.88	57.55	57.57	0.02	NA	NA	NA	3372.33	Flipped Sock
MW-9	01/30/08	3429.88	57.59	57.60	0.01	NA	NA	NA	3372.29	New Sock
MW-9	01/30/08	3429.88	ND	62.45	ND	Hand Bailed	1.00	13.00	3367.43	
MW-9	02/06/08	3429.88	ND	57.52	ND	NA	NA	NA	3372.36	New Sock
MW-9	02/06/08	3429.88	ND	63.09	ND	Hand Bailed	1.00	19.00	3366.79	
MW-9	02/13/08	3429.88	ND	57.46	ND	NA	NA	NA	3372.42	Sock
MW-9	02/13/08	3429.88	ND	61.78	ND	Hand Bailed	1.00	19.00	3368.10	
MW-9	02/19/08	3429.88	ND	57.51	ND	NA	NA	NA	3372.37	Sock
MW-9	02/19/08	3429.88	ND	59.87	ND	Hand Bailed	1.00	19.00	3370.01	
MW-9	02/27/08	3429.88	ND	57.72	ND	NA	NA	NA	3372.16	Sock
MW-9	03/04/08	3429.88	ND	57.67	ND	NA	NA	NA	3372.21	Sock
MW-9	03/12/08	3429.88	ND	57.48	ND	NA	NA	NA	3372.40	Sock
MW-9	03/12/08	3429.88	ND	61.18	ND	NA	NA	NA	3368.70	Sock
MW-9	03/19/08	3429.88	ND	57.51	ND	NA	NA	NA	3372.37	Sock
MW-9	03/26/08	3429.88	ND	57.42	ND	NA	NA	NA	3372.46	Sock
MW-9	03/26/08	3429.88	ND	61.00	ND	Pumped	0.00	20.00	3368.88	
MW-9	04/02/08	3429.88	ND	57.57	ND	NA	NA	NA	3372.31	Sock
MW-9	04/02/08	3429.88	ND	60.09	ND	Hand Bailed	0.50	19.50	3369.79	
MW-9	04/09/08	3429.88	ND	57.73	ND	NA	NA	NA	3372.15	Sock
MW-9	04/09/08	3429.88	ND	60.50	ND	Hand Bailed	0.00	15.00	3369.38	
MW-9	04/16/08	3429.88	ND	57.79	ND	NA	NA	NA	3372.09	Sock
MW-9	04/16/08	3429.88	ND	60.64	ND	Hand Bailed	0.00	15.00	3369.24	
MW-9	04/24/08	3429.88	ND	57.49	ND	NA	NA	NA	3372.39	Sock
MW-9	04/24/08	3429.88	ND	59.58	ND	Hand Bailed	0.00	20.00	3370.30	
MW-9	04/30/08	3429.88	ND	57.48	ND	NA	NA	NA	3372.40	Sock

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							PSH	H ₂ O		
MW-9	04/30/08	3429.88	ND	61.92	ND	Hand Bailed	0.00	20.00	3367.96	
MW-9	05/07/08	3429.88	ND	57.51	ND	NA	NA	NA	3372.37	Sock
MW-9	05/07/08	3429.88	ND	61.99	ND	Hand Bailed	0.00	20.00	3367.89	
MW-9	05/14/08	3429.88	ND	57.54	ND	NA	NA	NA	3372.34	Sock
MW-9	05/14/08	3429.88	ND	61.83	ND		0.00	20.00	3368.05	New Sock
MW-9	05/20/08	3429.88	ND	57.57	ND	NA	NA	NA	3372.31	Sock
MW-9	05/20/08	3429.88	ND	60.12	ND	Hand Bailed	0.00	20.00	3369.76	
MW-9	05/29/08	3429.88	ND	57.55	ND	NA	NA	NA	3372.33	Sock
MW-9	05/29/08	3429.88	ND	60.12	ND	Hand Bailed	0.00	19.00	3369.76	
MW-9	06/04/08	3429.88	ND	57.57	ND	NA	NA	NA	3372.31	Sock
MW-9	06/04/08	3429.88	ND	60.42	ND	Hand Bailed	0.00	20.00	3369.46	
MW-9	06/11/08	3429.88	ND	57.61	ND	NA	NA	NA	3372.27	Sock
MW-9	06/11/08	3429.88	ND	59.89	ND	Hand Bailed	0.00	20.00	3369.99	
MW-9	06/18/08	3429.88	ND	57.64	ND	NA	NA	NA	3372.24	Sock
MW-9	06/26/08	3429.88	ND	57.69	ND	NA	NA	NA	3372.19	Sock
MW-9	06/26/08	3429.88	ND	60.01	ND	Hand Bailed	0.00	20.00	3369.87	
MW-9	07/02/08	3429.88	ND	57.71	ND	NA	NA	NA	3372.17	Sock
MW-9	07/02/08	3429.88	ND	59.56	ND	Hand Bailed	0.00	20.00	3370.32	
MW-9	07/07/08	3429.88	ND	57.79	ND	Hand Bailed	0.00	20.00	3372.09	
MW-9	07/07/08	3429.88	ND	59.02	ND	NA	NA	NA	3370.86	New Sock
MW-9	07/16/08	3429.88	ND	57.70	ND	Pumped	0.00	20.00	3372.18	
MW-9	07/16/08	3429.88	ND	58.26	ND	NA	NA	NA	3371.62	Sock
MW-9	07/21/08	3429.88	ND	57.73	ND	Pumped	0.00	20.00	3372.15	
MW-9	07/21/08	3429.88	ND	58.38	ND	NA	NA	NA	3371.50	Sock
MW-9	07/29/08	3429.88	ND	57.76	ND	Pumped	0.00	20.00	3372.12	
MW-9	07/29/08	3429.88	ND	58.61	ND	NA	NA	NA	3371.27	Sock
MW-9	08/06/08	3429.88	ND	57.77	ND	NA	NA	NA	3372.11	Sock
MW-9	08/13/08	3429.88	ND	57.78	ND	Pumped	0.00	20.00	3372.10	
MW-9	08/13/08	3429.88	ND	58.61	ND	NA	NA	NA	3371.27	New Sock
MW-9	08/18/08	3429.88	ND	57.66	ND	NA	NA	NA	3372.22	Sock
MW-9	08/27/08	3429.88	ND	57.68	ND	Pumped	0.00	20.00	3372.20	
MW-9	08/27/08	3429.88	ND	59.91	ND	NA	NA	NA	3369.97	Sock

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							PSH	H ₂ O		
MW-9	09/02/08	3429.88	ND	57.73	ND	Pumped	0.00	20.00	3372.15	
MW-9	09/02/08	3429.88	ND	60.21	ND	NA	NA	NA	3369.67	Sock
MW-9	09/09/08	3429.88	ND	57.77	ND	Pumped	0.00	20.00	3372.11	
MW-9	09/09/08	3429.88	ND	60.46	ND	NA	NA	NA	3369.42	Sock
MW-9	09/17/08	3429.88	57.90	57.94	0.04	Pumped	0.00	10.00	3371.97	
MW-9	09/17/08	3429.88	ND	60.22	ND	NA	NA	NA	3369.66	Sock
MW-9	09/24/08	3429.88	57.63	58.15	0.52	Pumped	1.00	15.00	3372.17	
MW-9	09/24/08	3429.88	ND	63.00	ND	NA	NA	NA	3366.88	Sock
MW-9	10/01/08	3429.88	57.73	57.74	0.01	Pumped	0.00	20.00	3372.15	
MW-9	10/01/08	3429.88	ND	62.96	ND	NA	NA	NA	3366.92	Sock
MW-9	10/08/08	3429.88	57.72	57.74	0.02	Pumped	1.00	19.00	3372.16	
MW-9	10/08/08	3429.88	ND	61.64	ND	NA	NA	NA	3368.24	Sock
MW-9	10/15/08	3429.88	ND	57.71	ND	Pumped	0.00	20.00	3372.17	
MW-9	10/15/08	3429.88	ND	60.30	ND	NA	NA	NA	3369.58	Sock
MW-9	10/22/08	3429.88	ND	57.68	ND	Pumped	2.00	18.00	3372.20	
MW-9	10/22/08	3429.88	ND	60.54	ND	NA	NA	NA	3369.34	Sock
MW-9	10/29/08	3429.88	ND	57.70	ND	Pumped	0.00	20.00	3372.18	
MW-9	10/29/08	3429.88	ND	61.59	ND	NA	NA	NA	3368.29	Sock
MW-9	11/05/08	3429.88	ND	57.72	ND	Pumped	NA	25.00	3372.16	
MW-9	11/05/08	3429.88	ND	61.27	ND	NA	NA	NA	3368.61	Sock
MW-9	11/20/08	3429.88	57.88	58.05	0.17		0.00	25.00	3371.97	Sock
MW-9	11/26/08	3429.88	57.78	57.84	0.06	Pumped	0.75	14.25	3372.09	
MW-9	11/26/08	3429.88	ND	59.12	ND		0.75	14.25	3370.76	Sock
MW-9	12/03/08	3429.88	57.30	57.84	0.54	Pumped	0.25	19.75	3372.50	
MW-9	12/03/08	3429.88	ND	57.69	ND	NA	NA	NA	3372.19	New Sock
MW-9	12/10/08	3429.88	ND	57.71	ND	NA	NA	NA	3372.17	Sock
MW-9	12/17/08	3429.88	ND	57.76	ND	NA	NA	NA	3372.12	
MW-9	12/17/08	3429.88	ND	59.34	ND	NA	NA	NA	3370.54	
MW-9	12/21/08	3429.88	57.78	57.85	0.07	NA	NA	NA	3372.09	
MW-9	12/21/08	3429.88	ND	60.15	ND	NA	NA	NA	3369.73	Sock
MW-9	12/31/08	3429.88	ND	57.70	ND		0.50	19.50	3372.18	Flipped Sock
MW-9	12/31/08	3429.88	ND	58.07	ND	NA	NA	NA	3371.81	

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							PSH	H ₂ O		
MW-9	01/02/09	3429.88	ND	57.70	ND		0.50	19.50	3372.18	Flipped Sock
MW-9	01/02/09	3429.88	ND	58.07	ND	NA	NA	NA	3371.81	NA
MW-9	01/07/09	3429.88	ND	57.74	ND		0.50	9.50	3372.14	New sock
MW-9	01/07/09	3429.88	57.73	57.74	0.01	NA	NA	NA	3372.15	
MW-9	01/15/09	3429.88	ND	57.73	ND	Pumped	0.50	9.50	3372.15	
MW-9	01/15/09	3429.88	ND	58.01	ND	NA	NA	NA	3371.87	
MW-9	01/22/09	3429.88	ND	57.62	ND	Pumped	0.25	9.75	3372.26	New Sock
MW-9	01/22/09	3429.88	ND	58.07	ND	NA	NA	NA	3371.81	
MW-9	01/28/09	3429.88	ND	57.66	ND	Pumped	0.00	20.00	3372.22	
MW-9	01/28/09	3429.88	ND	58.88	ND	NA	NA	NA	3371.00	
MW-9	02/04/09	3429.88	ND	57.64	ND	Pumped	1.00	19.00	3372.24	Flipped Sock
MW-9	02/04/09	3429.88	ND	57.84	ND	NA	NA	NA	3372.04	
MW-9	02/11/09	3429.88	ND	57.66	ND	Pumped	0.25	19.75	3372.22	Sock
MW-9	02/11/09	3429.88	ND	57.84	ND	NA	NA	NA	3372.04	
MW-9	02/18/09	3429.88	ND	57.61	ND	Pumped	0.25	19.75	3372.27	Flipped Sock
MW-9	02/18/09	3429.88	ND	58.56	ND	NA	NA	NA	3371.32	
MW-9	02/25/09	3429.88	ND	57.60	ND	Pumped	0.25	19.75	3372.28	Sock
MW-9	02/25/09	3429.88	ND	58.55	ND	NA	NA	NA	3371.33	
MW-9	03/04/09	3429.88	ND	57.61	ND	Pumped	0.25	14.75	3372.27	Flipped Sock
MW-9	03/04/09	3429.88	ND	58.25	ND	NA	NA	NA	3371.63	
MW-9	03/11/09	3429.88	ND	57.67	ND		0.25	19.75	3372.21	New Sock
MW-9	03/11/09	3429.88	ND	58.15	ND	NA	NA	NA	3371.73	
MW-9	03/18/09	3429.88	ND	57.59	ND	Pumped	0.25	14.75	3372.29	
MW-9	03/18/09	3429.88	ND	58.41	ND	NA	NA	NA	3371.47	
MW-9	03/25/09	3429.88	ND	57.58	ND	NA	NA	NA	3372.30	Flipped Sock
MW-9	04/01/09	3429.88	ND	57.56	ND	Pumped	1.50	18.50	3372.32	Sock
MW-9	04/01/09	3429.88	ND	58.18	ND	NA	NA	NA	3371.70	
MW-9	04/08/09	3429.88	ND	57.66	ND	Pumped	0.50	17.50	3372.22	Sock
MW-9	04/08/09	3429.88	ND	59.39	ND	NA	NA	NA	3370.49	
MW-9	04/15/09	3429.88	ND	57.62	ND	Pumped	0.50	19.50	3372.26	Sock
MW-9	04/15/09	3429.88	ND	60.06	ND	NA	NA	NA	3369.82	
MW-9	04/22/09	3429.88	ND	57.62	ND	Pumped	0.00	15.00	3372.26	Sock

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							PSH	H ₂ O		
MW-9	04/22/09	3429.88	ND	59.36	ND	NA	NA	NA	3370.52	
MW-9	04/29/09	3429.88	ND	57.58	ND	Pumped	0.10	14.90	3372.30	Sock
MW-9	04/29/09	3429.88	ND	60.12	ND	NA	NA	NA	3369.76	
MW-9	05/06/09	3429.88	ND	57.63	ND	NA	NA	NA	3372.25	
MW-9	05/06/09	3429.88	ND	59.87	ND	Pumped	0.25	14.75	3370.01	Sock
MW-9	05/14/09	3429.88	ND	59.81	ND	NA	NA	NA	3370.07	
MW-9	05/14/09	3429.88	ND	60.47	ND	Pumped	0.50	14.50	3369.41	Sock
MW-9	05/20/09	3429.88	ND	57.69	ND	NA	NA	NA	3372.19	
MW-9	05/27/09	3429.88	ND	57.80	ND	NA	NA	NA	3372.08	
MW-9	05/27/09	3429.88	ND	58.20	ND	Pumped	0.50	29.50	3371.68	Sock
MW-9	06/03/09	3429.88	ND	57.66	ND	NA	NA	NA	3372.22	
MW-9	06/03/09	3429.88	ND	58.08	ND	Pumped	0.50	15.00	3371.80	Sock
MW-9	06/11/09	3429.88	ND	57.70	ND	NA	NA	NA	3372.18	
MW-9	06/11/09	3429.88	ND	58.13	ND	Pumped	0.50	14.50	3371.75	Sock
MW-9	06/17/09	3429.88	57.82	57.90	0.08	NA	NA	NA	3372.05	
MW-9	06/17/09	3429.88	ND	58.18	ND	Pumped	0.75	14.25	3371.70	Sock
MW-9	06/23/09	3429.88	ND	57.80	ND	Pumped	0.25	14.75	3372.08	Sock
MW-9	07/01/09	3429.88	57.76	57.80	0.04	Pumped	NA	10.00	3372.11	Sock
MW-9	07/07/09	3429.88	57.74	57.76	0.02	Pumped	0.50	14.50	3372.14	Sock
MW-9	07/07/09	3429.88	ND	58.84	ND	NA	NA	NA	3371.04	
MW-9	07/15/09	3429.88	57.79	57.90	0.11	Pumped	0.25	9.75	3372.07	Flipped Sock
MW-9	07/15/09	3429.88	ND	59.95	ND	NA	NA	NA	3369.93	
MW-9	07/22/09	3429.88	57.98	58.00	0.02	Pumped	0.50	9.50	3371.90	New Sock
MW-9	07/22/09	3429.88	ND	59.27	ND	NA	NA	NA	3370.61	
MW-9	07/29/09	3429.88	ND	57.88	ND	Pumped	0.50	9.50	3372.00	
MW-9	07/29/09	3429.88	ND	59.99	ND	NA	NA	NA	3369.89	
MW-9	08/05/09	3429.88	57.87	57.89	0.02	Pumped	0.25	9.75	3372.01	Flipped Sock
MW-9	08/05/09	3429.88	ND	59.80	ND	NA	NA	NA	3370.08	
MW-9	08/12/09	3429.88	ND	57.85	ND	NA	NA	NA	3372.03	
MW-9	08/19/09	3429.88	57.81	57.83	0.02	NA	0.25	9.75	3372.07	
MW-9	08/19/09	3429.88	ND	58.99	ND	NA	NA	NA	3370.89	
MW-9	08/27/09	3429.88	ND	57.90	ND	NA	0.10	14.90	3371.98	

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							PSH	H ₂ O		
MW-9	08/27/09	3429.88	ND	57.95	ND	NA	NA	NA	3371.93	
MW-9	09/02/09	3429.88	ND	57.93	ND	NA	0.25	14.75	3371.95	
MW-9	09/02/09	3429.88	ND	59.14	ND	NA	NA	NA	3370.74	
MW-9	09/09/09	3429.88	ND	57.91	ND	NA	NA	NA	3371.97	
MW-9	09/16/09	3429.88	57.98	58.00	0.02	NA	NA	NA	3371.90	
MW-9	09/16/09	3429.88	ND	59.69	ND	NA	NA	NA	3370.19	
MW-9	09/23/09	3429.88	58.03	58.05	0.02	Pumped	1.00	19.00	3371.85	New Sock
MW-9	09/23/09	3429.88	ND	61.57	ND	NA	NA	NA	3368.31	
MW-9	09/30/09	3429.88	ND	57.92	ND	Pumped	0.25	9.75	3371.96	
MW-9	09/30/09	3429.88	ND	59.86	ND	NA	NA	NA	3370.02	
MW-9	10/07/09	3429.88	ND	57.94	ND	Pumped	0.25	9.75	3371.94	
MW-9	10/07/09	3429.88	ND	60.02	ND	NA	NA	NA	3369.86	
MW-9	10/14/09	3429.88	ND	57.95	ND	Pumped	1.00	9.00	3371.93	
MW-9	10/14/09	3429.88	ND	61.05	ND	NA	NA	NA	3368.83	
MW-9	10/21/09	3429.88	ND	57.90	ND	Hand Bailed	0.50	9.50	3371.98	
MW-9	10/21/09	3429.88	ND	61.05	ND	NA	NA	NA	3368.83	
MW-9	10/29/09	3429.88	ND	57.99	ND	Pumped	1.50	20.00	3371.89	
MW-9	10/29/09	3429.88	ND	58.82	ND	NA	NA	NA	3371.06	
MW-9	11/04/09	3429.88	ND	57.91	ND	NA	NA	NA	3371.97	
MW-9	11/11/09	3429.88	57.97	58.00	0.03	Pumped	1.00	9.00	3371.91	
MW-9	11/11/09	3429.88	ND	59.25	ND	NA	NA	NA	3370.63	
MW-9	11/17/09	3429.88	ND	57.96	ND	Pumped	1.00	9.00	3371.92	
MW-9	11/17/09	3429.88	ND	59.63	ND	NA	NA	NA	3370.25	
MW-9	11/25/09	3429.88	57.92	57.94	0.02	Pumped	1.00	9.00	3371.96	
MW-9	11/25/09	3429.88	ND	59.35	ND	NA	NA	NA	3370.53	
MW-9	12/02/09	3429.88	57.91	57.93	0.02	Pumped	1.00	14.00	3371.97	
MW-9	12/02/09	3429.88	59.35	59.43	0.08	NA	NA	NA	3370.52	
MW-9	12/09/09	3429.88	57.98	58.00	0.02	Pumped	1.00	14.00	3371.90	
MW-9	12/09/09	3429.88	ND	60.57	ND	NA	NA	NA	3369.31	
MW-9	12/15/09	3429.88	ND	57.93	ND	Pumped	1.00	14.00	3371.95	
MW-9	12/15/09	3429.88	ND	60.83	ND	NA	NA	NA	3369.05	
MW-9	12/23/09	3429.88	ND	57.97	ND	Pumped	0.75	9.25	3371.91	

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							PSH	H ₂ O		
MW-9	12/23/09	3429.88	ND	59.43	ND	NA	NA	NA	3370.45	
MW-9	12/30/09	3429.88	ND	58.00	ND	Pumped	0.75	9.25	3371.88	
MW-9	12/30/09	3429.88	ND	59.83	ND	NA	NA	NA	3370.05	
MW-9	01/06/10	3429.88	58.94	58.95	0.01	Pumped	1.00	9.00	3370.94	
MW-9	01/06/10	3429.88	ND	60.23	ND	NA	NA	NA	3369.65	
MW-9	01/13/10	3429.88	ND	58.00	ND	Pumped	0.50	9.50	3371.88	
MW-9	01/13/10	3429.88	ND	60.46	ND	NA	NA	NA	3369.42	
MW-9	01/20/10	3429.88	57.88	57.94	0.06	Pumped	1.00	14.00	3371.99	
MW-9	01/20/10	3429.88	ND	59.71	ND	NA	NA	NA	3370.17	
MW-9	01/27/10	3429.88	58.00	58.01	0.01	Pumped	1.00	14.00	3371.88	
MW-9	01/27/10	3429.88	ND	59.73	ND	NA	NA	NA	3370.15	
MW-9	02/11/10	3429.88	58.05	58.09	0.04	Pumped	1.00	9.00	3371.82	
MW-9	02/11/10	3429.88	ND	60.26	ND	NA	NA	NA	3369.62	
MW-9	02/17/10	3429.88	57.92	57.93	0.01	Pumped	1.00	14.00	3371.96	
MW-9	02/17/10	3429.88	ND	59.77	ND	NA	NA	NA	3370.11	
MW-9	03/02/10	3429.88	ND	57.87	ND	Pumped	1.00	9.00	3372.01	
MW-9	03/02/10	3429.88	ND	59.31	ND	NA	NA	NA	3370.57	
MW-9	03/10/10	3429.88	57.81	57.84	0.03	Pumped	1.00	9.00	3372.07	
MW-9	03/10/10	3429.88	ND	58.83	ND	NA	NA	NA	3371.05	
MW-9	03/17/10	3429.88	ND	57.87	ND	Pumped	1.00	9.00	3372.01	
MW-9	03/17/10	3429.88	ND	59.60	ND	NA	NA	NA	3370.28	
MW-9	03/24/10	3429.88	57.88	57.89	0.01	NA	NA	NA	3372.00	
MW-9	03/31/10	3429.88	57.80	57.90	0.10	Pumped	1.00	14.00	3372.07	
MW-9	03/31/10	3429.88	ND	59.02	ND	NA	NA	NA	3370.86	
MW-9	04/07/10	3429.88	57.84	57.92	0.08	Pumped	1.00	14.00	3372.03	
MW-9	04/07/10	3429.88	ND	58.32	ND	NA	NA	NA	3371.56	
MW-9	04/14/10	3429.88	57.84	57.92	0.08	Pumped	0.10	14.90	3372.03	
MW-9	04/14/10	3429.88	ND	59.21	ND	NA	NA	NA	3370.67	
MW-9	04/21/10	3429.88	57.80	57.83	0.03	Pumped	0.10	14.90	3372.08	
MW-9	04/21/10	3429.88	ND	58.90	ND	NA	NA	NA	3370.98	
MW-9	04/28/10	3429.88	57.82	57.86	0.04	Pumped	0.10	19.90	3372.05	
MW-9	04/28/10	3429.88	ND	58.50	ND	NA	NA	NA	3371.38	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-9	05/05/10	3429.88	57.80	57.81	0.01	Hand Bailed	0.10	9.90	3372.08	
MW-9	05/05/10	3429.88	ND	61.98	ND	NA	NA	NA	3367.90	
MW-9	05/12/10	3429.88	57.80	57.81	0.01	Pumped	0.25	23.00	3372.08	
MW-9	05/12/10	3429.88	ND	58.72	ND	NA	NA	NA	3371.16	
MW-9	05/19/10	3429.88	57.91	57.93	0.02	Pumped	0.50	14.50	3371.97	
MW-9	05/19/10	3429.88	ND	58.87	ND	NA	NA	NA	3371.01	
MW-9	05/29/10	3429.88	57.93	57.95	0.02	Pumped	0.50	14.50	3371.95	
MW-9	05/29/10	3429.88	ND	59.86	ND	NA	NA	NA	3370.02	
MW-9	06/02/10	3429.88	57.92	57.93	0.01	Pumped	0.25	9.75	3371.96	
MW-9	06/02/10	3429.88	ND	60.10	ND	NA	NA	NA	3369.78	
MW-9	06/12/10	3429.88	57.96	58.01	0.05	Pumped	<25	15.00	3371.91	
MW-9	06/12/10	3429.88	ND	59.96	ND	NA	NA	NA	3369.92	
MW-9	06/15/10	3429.88	ND	57.88	ND	Pumped	<25	9.75	3372.00	
MW-9	06/15/10	3429.88	ND	60.88	ND	NA	NA	NA	3369.00	
MW-9	06/25/10	3429.88	57.99	58.03	0.04	Pumped	0.50	9.50	3371.88	
MW-9	06/30/10	3429.88	58.02	58.03	0.01	Pumped	<25	10.00	3371.86	
MW-9	06/30/10	3429.88	ND	60.95	ND	NA	NA	NA	3368.93	
MW-9	07/07/10	3429.88	58.01	58.02	0.01	Pumped	<25	5.00	3371.87	
MW-9	07/07/10	3429.88	ND	59.62	ND	NA	NA	NA	3370.26	
MW-9	07/14/10	3429.88	58.01	58.03	0.02	Pumped	0.25	9.75	3371.87	
MW-9	07/14/10	3429.88	ND	60.65	ND	NA	NA	NA	3369.23	
MW-9	07/21/10	3429.88	57.99	58.00	0.01	Pumped	<0.25	15.00	3371.89	
MW-9	07/21/10	3429.88	ND	59.65	ND	NA	NA	NA	3370.23	
MW-9	07/28/10	3429.88	57.98	58.00	0.02	Pumped	0.25	9.75	3371.90	
MW-9	07/28/10	3429.88	ND	59.11	ND	NA	NA	NA	3370.77	
MW-9	08/03/10	3429.88	57.96	57.97	0.01	Pumped	0.25	9.75	3371.92	
MW-9	08/03/10	3429.88	ND	60.07	ND	NA	NA	NA	3369.81	
MW-9	08/11/10	3429.88	57.94	57.95	0.01	Pumped	0.25	9.75	3371.94	
MW-9	08/11/10	3429.88	ND	59.91	ND	NA	NA	NA	3369.97	
MW-9	08/18/10	3429.88	57.95	57.96	0.01	Pumped	0.25	9.75	3371.93	
MW-9	08/18/10	3429.88	ND	59.48	ND	NA	NA	NA	3370.40	
MW-9	08/25/10	3429.88	57.97	57.99	0.02	Pumped	<25	10.00	3371.91	

TAB
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 Plains Marketing, L.P.
 Hugh Gathering
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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-9	08/25/10	3429.88	ND	60.50	ND	NA	NA	NA	3369.38	
MW-9	09/01/10	3429.88	57.92	57.93	0.01	Pumped	0.10	9.90	3371.96	
MW-9	09/01/10	3429.88	ND	60.39	ND	NA	NA	NA	3369.49	
MW-9	09/08/10	3429.88	57.93	57.94	0.01	Pumped	0.10	9.90	3371.95	
MW-9	09/08/10	3429.88	ND	59.80	ND	NA	NA	NA	3370.08	
MW-9	09/15/10	3429.88	57.91	57.92	0.01	Pumped	0.10	9.90	3371.97	
MW-9	09/15/10	3429.88	ND	60.16	ND	NA	NA	NA	3369.72	
MW-9	09/21/10	3429.88	57.92	57.93	0.01	Pumped	0.10	9.90	3371.96	
MW-9	09/21/10	3429.88	ND	59.80	ND	NA	NA	NA	3370.08	
MW-9	10/01/10	3429.88	57.95	58.04	0.09	Pumped	0.10	14.90	3371.92	
MW-9	10/01/10	3429.88	ND	60.16	ND	NA	NA	NA	3369.72	
MW-9	10/06/10	3429.88	57.97	57.98	0.01	Pumped	0.10	9.90	3371.91	
MW-9	10/06/10	3429.88	ND	58.50	ND	NA	NA	NA	3371.38	
MW-9	10/13/10	3429.88	57.95	57.96	0.01	Pumped	<.25	10.00	3371.93	
MW-9	10/13/10	3429.88	ND	59.25	ND	NA	NA	NA	3370.63	
MW-9	10/22/10	3429.88	ND	57.94	ND	Pumped	<.25	10.00	3371.94	
MW-9	10/22/10	3429.88	ND	59.18	ND	NA	NA	NA	3370.70	
MW-9	10/27/10	3429.88	57.92	57.93	0.01	NA	NA	NA	3371.96	
MW-9	11/10/10	3429.88	57.87	57.88	0.01	Pumped	0.10	9.90	3372.01	
MW-9	11/10/10	3429.88	ND	59.05	ND	NA	NA	NA	3370.83	
MW-9	11/16/10	3429.88	57.91	57.92	0.01	Pumped	0.10	9.90	3371.97	
MW-9	11/16/10	3429.88	ND	60.36	ND	NA	NA	NA	3369.52	
MW-9	11/23/10	3429.88	57.84	57.85	0.01	Pumped	<.25	10.00	3372.04	
MW-9	11/23/10	3429.88	ND	60.21	ND	NA	NA	NA	3369.67	
MW-9	12/01/10	3429.88	57.86	57.89	0.03	Pumped	0.10	14.90	3372.02	
MW-9	12/01/10	3429.88	ND	60.27	ND	NA	NA	NA	3369.61	
MW-9	12/08/10	3429.88	57.85	57.86	0.01	Pumped	<.25	15.00	3372.03	
MW-9	12/08/10	3429.88	ND	60.48	ND	NA	NA	NA	3369.40	
MW-9	12/15/10	3429.88	57.81	57.82	0.01	Pumped	0.10	9.90	3372.07	
MW-9	12/15/10	3429.88	ND	59.20	ND	NA	NA	NA	3370.68	
MW-9	12/21/10	3429.88	57.86	57.87	0.01	Pumped	0.10	9.90	3372.02	
MW-9	12/21/10	3429.88	ND	57.98	ND	NA	NA	NA	3371.90	

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HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
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SRS #2002-10235
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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-9	12/28/10	3429.88	NG	NG	NG	Pumped	0.10	19.90	NG	Interface
MW-9	01/08/11	3429.88	57.83	57.95	0.12	Pumped	1.00	9.00	3372.03	
MW-9	01/08/11	3429.88	ND	58.11	ND	NA	NA	NA	3371.77	
MW-9	01/12/11	3429.88	57.91	57.92	0.01	Hand Bailed	0.20	4.80	3371.97	
MW-9	01/12/11	3429.88	ND	59.95	ND	NA	NA	NA	3369.93	
MW-9	01/19/11	3429.88	57.80	57.87	0.07	Pumped	1.00	9.00	3372.07	
MW-9	01/19/11	3429.88	ND	59.44	ND	NA	NA	NA	3370.44	
MW-9	01/25/11	3429.88	57.85	57.86	0.01	NA	0.50	9.50	3372.03	
MW-9	01/25/11	3429.88	ND	58.09	ND	NA	NA	NA	3371.79	
MW-9	02/04/11	3429.88	57.85	57.87	0.02	NA	0.25	9.75	3372.03	
MW-9	02/04/11	3429.88	ND	61.16	ND	NA	NA	NA	3368.72	
MW-9	02/08/11	3429.88	ND	57.83	ND	NA	NA	NA	3372.05	
MW-9	02/16/11	3429.88	57.78	57.95	0.17	NA	0.25	9.75	3372.07	
MW-9	02/16/11	3429.88	ND	59.28	ND	NA	NA	NA	3370.60	
MW-9	02/24/11	3429.88	57.90	57.94	0.04	NA	0.25	9.75	3371.97	
MW-9	02/24/11	3429.88	ND	59.36	ND	NA	NA	NA	3370.52	
MW-9	03/02/11	3429.88	57.86	57.87	0.01	NA	0.20	9.80	3372.02	
MW-9	03/02/11	3429.88	ND	58.51	ND	NA	NA	NA	3371.37	
MW-9	03/08/11	3429.88	57.87	57.88	0.01	NA	0.10	4.90	3372.01	
MW-9	03/08/11	3429.88	ND	58.18	ND	NA	NA	NA	3371.70	
MW-9	03/16/11	3429.88	57.88	57.95	0.07	NA	0.10	4.90	3371.99	
MW-9	03/16/11	3429.88	ND	59.10	ND	NA	NA	NA	3370.78	
MW-9	03/23/11	3429.88	57.88	57.98	0.10	NA	0.10	4.90	3371.99	
MW-9	03/23/11	3429.88	ND	59.91	ND	NA	NA	NA	3369.97	
MW-9	03/30/11	3429.88	57.79	58.15	0.36	NA	<0.25	10.00	3372.04	
MW-9	03/30/11	3429.88	ND	58.10	ND	NA	NA	NA	3371.78	
MW-9	04/08/11	3429.88	57.87	57.93	0.06	NA	0.10	4.90	3372.00	
MW-9	04/08/11	3429.88	ND	59.56	ND	NA	NA	NA	3370.32	
MW-9	04/13/11	3429.88	57.88	58.00	0.12	NA	0.10	9.90	3371.98	
MW-9	04/13/11	3429.88	ND	59.45	ND	NA	NA	NA	3370.43	
MW-9	04/20/11	3429.88	57.88	58.00	0.12	NA	0.10	4.90	3371.98	
MW-9	04/20/11	3429.88	ND	59.48	ND	NA	NA	NA	3370.40	

TAB
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 Hugh Gathering
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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)			Corrected Groundwater Elevation (ft)	Comments
							PSH	sheen	H ₂ O		
MW-9	04/27/11	3429.88	57.94	58.06	0.12	NA		sheen	10.00	3371.92	
MW-9	04/27/11	3429.88	ND	60.46	ND	NA		NA	NA	3369.42	
MW-9	05/04/11	3429.88	57.92	57.94	0.02	NA		heavy sheen	10.00	3371.96	
MW-9	05/04/11	3429.88	ND	60.09	ND	NA		NA	NA	3369.79	
MW-9	05/11/11	3429.88	57.97	58.02	0.05	NA		0.50	9.50	3371.90	
MW-9	05/11/11	3429.88	ND	59.65	ND	NA		NA	NA	3370.23	
MW-9	05/19/11	3429.88	57.92	57.99	0.07	NA		0.25	14.75	3371.95	
MW-9	05/19/11	3429.88	ND	61.31	ND	NA		NA	NA	3368.57	
MW-9	05/24/11	3429.88	57.95	57.96	0.01	NA		NA	NA	3371.93	
MW-9	06/02/11	3429.88	58.03	58.31	0.28	NA		NA	NA	3371.81	
MW-9	06/03/11	3429.88	58.13	58.14	0.01	NA		NA	NA	3371.75	Sampled
MW-9	06/08/11	3429.88	58.00	58.25	0.25	NA		0.00	15.00	3371.84	
MW-9	06/08/11	3429.88	ND	59.86	ND	NA		NA	NA	3370.02	
MW-9	06/17/11	3429.88	57.96	58.26	0.30	NA		0.00	15.00	3371.88	
MW-9	06/17/11	3429.88	ND	59.86	ND	NA		NA	NA	3370.02	
MW-9	06/21/11	3429.88	57.96	58.41	0.45	NA		0.10	14.90	3371.85	
MW-9	06/21/11	3429.88	ND	59.98	ND	NA		NA	NA	3369.90	
MW-9	06/29/11	3429.88	58.17	58.30	0.13	NA		NA	NA	3371.69	
MW-9	07/06/11	3429.88	58.20	58.47	0.27	NA		0.10	9.90	3371.64	
MW-9	07/06/11	3429.88	ND	59.97	ND	NA		NA	NA	3369.91	
MW-9	07/13/11	3429.88	58.20	58.36	0.16	NA		0.20	4.80	3371.66	
MW-9	07/13/11	3429.88	ND	60.96	ND	NA		NA	NA	3368.92	
MW-9	07/21/11	3429.88	58.24	58.48	0.24	NA		0.10	4.90	3371.60	
MW-9	07/21/11	3429.88	ND	60.58	ND	NA		NA	NA	3369.30	
MW-9	07/27/11	3429.88	58.24	58.55	0.31	NA		0.10	9.90	3371.59	
MW-9	07/27/11	3429.88	ND	59.70	ND	NA		NA	NA	3370.18	
MW-9	08/03/11	3429.88	58.30	58.47	0.17	NA		0.10	9.90	3371.55	
MW-9	08/03/11	3429.88	ND	61.10	ND	NA		NA	NA	3368.78	
MW-9	08/11/11	3429.88	58.32	58.51	0.19	NA		0.10	4.90	3371.53	
MW-9	08/11/11	3429.88	ND	59.52	ND	NA		NA	NA	3370.36	
MW-9	08/17/11	3429.88	58.24	58.45	0.21	NA		0.10	4.90	3371.61	
MW-9	08/17/11	3429.88	ND	59.60	ND	NA		NA	NA	3370.28	

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							PSH	H ₂ O		
MW-9	08/24/11	3429.88	58.37	58.68	0.31	NA	0.10	9.90	3371.46	
MW-9	08/24/11	3429.88	ND	59.62	ND	NA	NA	NA	3370.26	
MW-9	08/29/11	3429.88	58.38	58.65	0.27	NA	0.10	4.90	3371.46	
MW-9	08/29/11	3429.88	ND	59.72	ND	NA	NA	NA	3370.16	
MW-9	09/07/11	3429.88	58.40	58.79	0.39	NA	0.10	4.90	3371.42	
MW-9	09/07/11	3429.88	ND	59.40	ND	NA	NA	NA	3370.48	
MW-9	09/14/11	3429.88	58.40	58.71	0.31	NA	0.10	9.90	3371.43	
MW-9	09/14/11	3429.88	ND	59.76	ND	NA	NA	NA	3370.12	
MW-9	09/21/11	3429.88	58.43	58.75	0.32	NA	0.10	4.90	3371.40	
MW-9	09/21/11	3429.88	ND	59.34	ND	NA	NA	NA	3370.54	
MW-9	09/26/11	3429.88	58.39	58.80	0.41	NA	0.10	4.90	3371.43	
MW-9	09/26/11	3429.88	ND	59.82	ND	NA	NA	NA	3370.06	
MW-9	10/05/11	3429.88	58.39	58.63	0.24	NA	0.20	9.80	3371.45	
MW-9	10/05/11	3429.88	ND	59.91	ND	NA	NA	NA	3369.97	
MW-9	10/12/11	3429.88	58.46	58.72	0.26	NA	<.25	10.00	3371.38	
MW-9	10/12/11	3429.88	ND	60.66	ND	NA	NA	NA	3369.22	
MW-9	10/18/11	3429.88	58.48	58.67	0.19	NA	0.10	9.90	3371.37	
MW-9	10/18/11	3429.88	ND	60.81	ND	NA	NA	NA	3369.07	
MW-9	10/28/11	3429.88	58.48	58.80	0.32	NA	<.25	10.00	3371.35	
MW-9	10/28/11	3429.88	ND	60.00	ND	NA	NA	NA	3369.88	
MW-9	11/02/11	3429.88	58.53	58.71	0.18	NA	0.10	14.90	3371.32	
MW-9	11/02/11	3429.88	ND	59.43	ND	NA	NA	NA	3370.45	
MW-9	11/09/11	3429.88	58.52	58.80	0.28	NA	0.10	4.90	3371.32	
MW-9	11/09/11	3429.88	ND	59.54	ND	NA	NA	NA	3370.34	
MW-9	11/18/11	3429.88	58.47	58.90	0.43	NA	0.10	4.90	3371.35	
MW-9	11/18/11	3429.88	ND	59.81	ND	NA	NA	NA	3370.07	
MW-9	11/23/11	3429.88	58.48	58.93	0.45	NA	0.10	9.90	3371.33	
MW-9	11/23/11	3429.88	ND	60.53	ND	NA	NA	NA	3369.35	
MW-9	11/29/11	3429.88	58.47	58.74	0.27	NA	NA	NA	3371.37	
MW-9	12/13/11	3429.88	58.35	59.23	0.88	NA	0.50	9.50	3371.40	
MW-9	12/13/11	3429.88	ND	60.93	ND	NA	NA	NA	3368.95	
MW-9	12/20/11	3429.88	58.44	58.82	0.38	NA	0.10	9.90	3371.38	

TAB. 1
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.
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							PSH	H ₂ O		
MW-9	12/20/11	3429.88	ND	58.98	ND	NA	NA	NA	3370.90	
MW-9	12/27/11	3429.88	58.46	58.76	0.30		0.10	9.90	3371.38	
MW-9	12/27/11	3429.88	ND	61.15	ND	NA	NA	NA	3368.73	
MW-9	01/04/12	3429.88	58.46	58.80	0.34	Hand Bailed	0.10	4.90	3371.37	
MW-9	01/04/12	3429.88	ND	59.84	ND	NA	NA	NA	3370.04	
MW-9	01/13/12	3429.88	58.44	59.07	0.63	Hand Bailed	0.10	9.90	3371.35	
MW-9	01/13/12	3429.88	ND	59.87	ND	NA	NA	NA	3370.01	
MW-9	01/18/12	3429.88	58.45	58.89	0.44		0.10	9.90	3371.36	
MW-9	01/18/12	3429.88	ND	62.15	ND	NA	NA	NA	3367.73	
MW-9	01/27/12	3429.88	58.46	58.84	0.38		0.10	9.90	3371.36	
MW-9	01/27/12	3429.88	ND	61.56	ND	NA	NA	NA	3368.32	
MW-9	02/02/12	3429.88	58.45	58.75	0.30		0.10	19.90	3371.39	
MW-9	02/02/12	3429.88	ND	61.90	ND	NA	NA	NA	3367.98	
MW-9	02/08/12	3429.88	58.49	58.78	0.29		0.10	9.90	3371.35	
MW-9	02/08/12	3429.88	ND	60.82	ND	NA	NA	NA	3369.06	
MW-9	02/15/12	3429.88	58.43	58.82	0.39		0.10	9.90	3371.39	
MW-9	02/15/12	3429.88	ND	65.11	ND	NA	NA	NA	3364.77	
MW-9	02/23/12	3429.88	58.42	58.81	0.39		NA	NA	3371.40	
MW-9	02/29/12	3429.88	58.40	59.10	0.70		1.00	9.00	3371.38	
MW-9	02/29/12	3429.88	ND	61.06	ND	NA	NA	NA	3368.82	
MW-9	03/14/12	3429.88	58.47	58.88	0.41		NA	NA	3371.35	
MW-9	03/21/12	3429.88	58.44	58.92	0.48		0.10	10.00	3371.37	
MW-9	03/21/12	3429.88	ND	60.38	ND	NA	NA	NA	3369.50	
MW-9	03/29/12	3429.88	58.52	58.75	0.23		0.10	14.90	3371.33	
MW-9	03/29/12	3429.88	ND	60.00	ND	NA	NA	NA	3369.88	
MW-9	04/03/12	3429.88	58.34	59.60	1.26		0.10	9.90	3371.35	
MW-9	04/03/12	3429.88	ND	60.50	ND	NA	NA	NA	3369.38	
MW-9	04/11/12	3429.88	58.30	58.82	0.52		0.10	9.90	3371.50	
MW-9	04/11/12	3429.88	ND	61.02	ND	NA	NA	NA	3368.86	
MW-9	04/20/12	3429.88	58.30	60.15	1.85		2.00	23.00	3371.30	
MW-9	04/20/12	3429.88	ND	61.06	ND	NA	NA	NA	3368.82	
MW-9	04/26/12	3429.88	58.45	58.82	0.37		0.10	14.90	3371.37	

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 Plains Marketing, L.P.
 Hugh Gathering
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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-9	04/26/12	3429.88	ND	61.10	ND	NA	NA	NA	3368.78	
MW-9	05/02/12	3429.88	58.54	59.00	0.46		0.10	9.90	3371.27	
MW-9	05/02/12	3429.88	ND	60.58	ND	NA	NA	NA	3369.30	
MW-9	05/09/12	3429.88	58.49	58.83	0.34		0.10	14.90	3371.34	
MW-9	05/09/12	3429.88	ND	60.40	ND	NA	NA	NA	3369.48	
MW-9	05/16/12	3429.88	58.50	58.63	0.13		0.10	9.90	3371.36	
MW-9	05/16/12	3429.88	ND	60.11	ND	NA	NA	NA	3369.77	
MW-9	05/24/12	3429.88	58.44	59.14	0.70		NA	NA	3371.34	
MW-9	05/29/12	3429.88	58.37	59.14	0.77		0.50	9.50	3371.39	
MW-9	05/29/12	3429.88	ND	61.13	ND	NA	NA	NA	3368.75	
MW-9	06/06/12	3429.88	58.47	59.10	0.63		0.00	10.00	3371.32	
MW-9	06/06/12	3429.88	ND	60.45	ND	NA	NA	NA	3369.43	
MW-9	06/13/12	3429.88	58.40	59.11	0.71		0.00	10.00	3371.37	
MW-9	06/13/12	3429.88	ND	61.35	ND	NA	NA	NA	3368.53	
MW-9	06/19/12	3429.88	58.37	59.37	1.00				3371.36	
MW-9	06/19/12	3429.88	ND	60.54	ND	NA	NA	NA	3369.34	
MW-9	06/27/12	3429.88	58.52	59.02	0.50		0.10	9.90	3371.29	
MW-9	06/27/12	3429.88	ND	61.53	ND	NA	NA	NA	3368.35	
MW-9	07/05/12	3429.88	58.58	59.03	0.45		0.10	15.00	3371.23	
MW-9	07/05/12	3429.88	ND	60.64	ND	NA	NA	NA	3369.24	
MW-9	07/11/12	3429.88	58.55	59.36	0.81		0.10	20.00	3371.21	
MW-9	07/11/12	3429.88	ND	60.60	ND	NA	NA	NA	3369.28	
MW-9	07/18/12	3429.88	58.52	59.55	1.03		1.00	14.00	3371.21	
MW-9	07/25/12	3429.88	58.61	58.92	0.31		0.25	19.75	3371.22	
MW-9	07/31/12	3429.88	58.63	59.20	0.57		1.00	19.00	3371.16	
MW-9	07/31/12	3429.88	ND	61.15	ND	NA	NA	NA	3368.73	
MW-9	08/08/12	3429.88	58.62	59.49	0.87		NA	NA	3371.13	
MW-9	08/13/12	3429.88	58.69	59.10	0.41		0.50	19.50	3371.13	
MW-9	08/13/12	3429.88	ND	59.61	ND	NA	NA	NA	3370.27	
MW-9	08/20/12	3429.88	58.70	58.98	0.28		0.10	15.00	3371.14	
MW-9	09/05/12	3429.88	58.72	58.99	0.27		0.10	20.00	3371.12	
MW-9	09/05/12	3429.88	ND	59.33	ND	NA	NA	NA	3370.55	

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							PSH	H ₂ O		
MW-9	09/12/12	3429.88	ND	58.60	ND	NA	NA	NA	3371.28	
MW-9	10/02/12	3429.88	58.75	58.97	0.22	NA	0.10	15.00	3371.10	
MW-9	10/02/12	3429.88	ND	60.85	ND	NA	0.10	15.00	3369.03	
MW-9	10/10/12	3429.88	58.70	59.17	0.47	NA	0.10	15.00	3371.11	
MW-9	10/10/12	3429.88	ND	60.62	ND	NA	0.10	15.00	3369.26	
MW-9	10/16/12	3429.88	58.67	59.30	0.63	NA	0.10	15.00	3371.12	
MW-9	10/24/12	3429.88	59.41	59.55	0.14	NA	0.10	15.00	3370.45	
MW-9	10/30/12	3429.88	58.70	59.20	0.50	NA	0.10	15.00	3371.11	
MW-9	11/06/12	3429.88	58.67	59.35	0.68	NA	0.10	10.00	3371.11	
MW-9	11/06/12	3429.88	ND	60.59	ND	NA	NA	NA	3369.29	
MW-9	11/13/12	3429.88	58.65	59.44	0.79	NA	0.50	9.50	3371.11	
MW-9	11/19/12	3429.88	58.78	58.93	0.15	NA	NA	NA	3371.08	
MW-9	12/05/12	3429.88	58.69	59.25	0.56	NA	0.50	9.50	3371.11	
MW-9	12/05/12	3429.88	ND	61.60	ND	NA	NA	NA	3368.28	
MW-9	12/11/12	3429.88	58.18	59.13	0.95	NA	0.10	10.00	3371.56	
MW-9	12/11/12	3429.88	ND	59.95	ND	NA	NA	NA	3369.93	
MW-10	02/21/07	3430.65	58.20	58.30	0.10	NA	NA	NA	3372.44	Installed Sock
MW-10	03/07/07	3430.65	58.19	58.29	0.10	NA	NA	NA	3372.45	Flipped Sock
MW-10	03/14/07	3430.65	ND	58.46	ND	NA	NA	NA	3372.19	Sock
MW-10	03/21/07	3430.65	ND	58.42	ND	NA	NA	NA	3372.23	New Sock
MW-10	03/28/07	3430.65	ND	58.72	ND	NA	NA	NA	3371.93	New Sock
MW-10	03/28/07	3430.65	ND	58.72	ND	NA	NA	NA	3371.93	Sock
MW-10	04/03/07	3430.65	ND	58.30	ND	NA	NA	NA	3372.35	Sock
MW-10	04/10/07	3430.65	ND	58.38	ND	NA	NA	NA	3372.27	Flipped Sock
MW-10	04/18/07	3430.65	ND	58.17	ND	NA	NA	NA	3372.48	Sock
MW-10	04/24/07	3430.65	ND	58.23	ND	NA	NA	NA	3372.42	Sock
MW-10	05/03/07	3430.65	ND	58.24	ND	NA	NA	NA	3372.41	Sock
MW-10	05/11/07	3430.65	ND	58.26	ND	NA	NA	NA	3372.39	Sock
MW-10	05/16/07	3430.65	ND	58.32	ND	NA	NA	NA	3372.33	Sock
MW-10	05/23/07	3430.65	ND	58.32	ND	NA	NA	NA	3372.33	Sock
MW-10	05/31/07	3430.65	ND	58.31	ND	NA	NA	NA	3372.34	Sock

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-10	06/06/07	3430.65	ND	58.18	ND	NA	NA	NA	3372.47	Sock
MW-10	06/13/07	3430.65	ND	58.35	ND	NA	NA	NA	3372.30	New Sock
MW-10	06/19/07	3430.65	ND	58.20	ND	NA	NA	NA	3372.45	Sock
MW-10	06/27/07	3430.65	ND	58.75	ND	NA	NA	NA	3371.90	Sock
MW-10	07/05/07	3430.65	ND	58.19	ND	NA	NA	NA	3372.46	Sock
MW-10	07/11/07	3430.65	ND	58.21	ND	NA	NA	NA	3372.44	Sock
MW-10	07/19/07	3430.65	ND	58.18	ND	NA	NA	NA	3372.47	Flipped Sock
MW-10	07/24/07	3430.65	ND	58.21	ND	NA	NA	NA	3372.44	Sock
MW-10	07/31/07	3430.65	ND	58.22	ND	NA	NA	NA	3372.43	Sock
MW-10	08/09/07	3430.65	ND	58.25	ND	NA	NA	NA	3372.40	Sock
MW-10	08/16/07	3430.65	ND	58.21	ND	NA	NA	NA	3372.44	Sock
MW-10	08/22/07	3430.65	ND	58.13	ND	NA	NA	NA	3372.52	Sock
MW-10	08/28/07	3430.65	ND	57.95	ND	NA	NA	NA	3372.70	New Sock
MW-10	09/06/07	3430.65	ND	57.74	ND	NA	NA	NA	3372.91	Sock
MW-10	09/13/07	3430.65	ND	58.29	ND	NA	NA	NA	3372.36	Sock
MW-10	09/18/07	3430.65	ND	58.27	ND	NA	NA	NA	3372.38	Sock
MW-10	09/26/07	3430.65	ND	58.32	ND	NA	NA	NA	3372.33	Sock
MW-10	10/04/07	3430.65	ND	58.38	ND	NA	NA	NA	3372.27	New Sock
MW-10	10/10/07	3430.65	ND	58.31	ND	NA	NA	NA	3372.34	New Sock
MW-10	10/17/07	3430.65	ND	58.32	ND	NA	NA	NA	3372.33	Sock
MW-10	10/24/07	3430.65	ND	58.30	ND	NA	NA	NA	3372.35	Sock
MW-10	10/31/07	3430.65	ND	58.33	ND	NA	NA	NA	3372.32	Sock
MW-10	11/07/07	3430.65	ND	58.40	ND	NA	NA	NA	3372.25	Sock
MW-10	11/13/07	3430.65	ND	58.28	ND	NA	NA	NA	3372.37	Sock
MW-10	11/20/07	3430.65	ND	58.31	ND	NA	NA	NA	3372.34	Flipped Sock
MW-10	11/27/07	3430.65	ND	58.29	ND	NA	NA	NA	3372.36	Sock
MW-10	12/05/07	3430.65	ND	58.29	ND	NA	NA	NA	3372.36	Sock
MW-10	12/12/07	3430.65	ND	58.28	ND	NA	NA	NA	3372.37	Sock
MW-10	12/18/07	3430.65	ND	58.31	ND	NA	NA	NA	3372.34	Sock
MW-10	12/27/07	3430.65	ND	58.26	ND	NA	NA	NA	3372.39	Sock
MW-10	01/03/08	3430.65	ND	58.28	ND	NA	NA	NA	3372.37	Sock
MW-10	01/09/08	3430.65	ND	58.17	ND	NA	NA	NA	3372.48	Sock

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							PSH	H ₂ O		
MW-10	01/17/08	3430.65	ND	58.22	ND	NA	NA	NA	3372.43	Sock
MW-10	01/23/08	3430.65	ND	58.25	ND	NA	NA	NA	3372.40	Sock
MW-10	01/30/08	3430.65	ND	58.28	ND	NA	NA	NA	3372.37	Sock
MW-10	02/06/08	3430.65	ND	58.15	ND	NA	NA	NA	3372.50	Sock
MW-10	02/13/08	3430.65	ND	58.18	ND	NA	NA	NA	3372.47	Sock
MW-10	02/19/08	3430.65	ND	58.19	ND	NA	NA	NA	3372.46	Sock
MW-10	02/27/08	3430.65	ND	58.20	ND	NA	NA	NA	3372.45	Sock
MW-10	03/04/08	3430.65	ND	58.26	ND	NA	NA	NA	3372.39	Sock
MW-10	03/12/08	3430.65	ND	58.19	ND	NA	NA	NA	3372.46	Sock
MW-10	03/19/08	3430.65	ND	58.22	ND	NA	NA	NA	3372.43	Sock
MW-10	03/26/08	3430.65	ND	58.21	ND	NA	NA	NA	3372.44	Sock
MW-10	04/02/08	3430.65	ND	58.23	ND	NA	NA	NA	3372.42	Sock
MW-10	04/09/08	3430.65	ND	58.23	ND	NA	NA	NA	3372.42	Sock
MW-10	04/16/08	3430.65	ND	58.27	ND	NA	NA	NA	3372.38	Sock
MW-10	04/24/08	3430.65	ND	58.20	ND	NA	NA	NA	3372.45	Sock
MW-10	04/30/08	3430.65	ND	58.22	ND	NA	NA	NA	3372.43	Sock
MW-10	05/07/08	3430.65	ND	58.24	ND	NA	NA	NA	3372.41	Sock
MW-10	05/14/08	3430.65	ND	58.28	ND	NA	NA	NA	3372.37	Sock
MW-10	05/20/08	3430.65	ND	58.32	ND	NA	NA	NA	3372.33	Sock
MW-10	05/29/08	3430.65	ND	58.33	ND	NA	NA	NA	3372.32	Sock
MW-10	06/04/08	3430.65	ND	58.37	ND	NA	NA	NA	3372.28	Sock
MW-10	06/11/08	3430.65	ND	58.41	ND	NA	NA	NA	3372.24	Sock
MW-10	06/18/08	3430.65	ND	58.43	ND	NA	NA	NA	3372.22	Sock
MW-10	06/26/08	3430.65	ND	58.49	ND	NA	NA	NA	3372.16	Sock
MW-10	07/02/08	3430.65	ND	58.52	ND	NA	NA	NA	3372.13	Sock
MW-10	07/07/08	3430.65	ND	58.45	ND	NA	NA	NA	3372.20	Sock
MW-10	07/16/08	3430.65	ND	58.48	ND	NA	NA	NA	3372.17	Sock
MW-10	07/21/08	3430.65	ND	58.52	ND	NA	NA	NA	3372.13	Sock
MW-10	07/29/08	3430.65	ND	58.55	ND	NA	NA	NA	3372.10	Sock
MW-10	08/06/08	3430.65	ND	58.55	ND	NA	NA	NA	3372.10	Sock
MW-10	08/13/08	3430.65	ND	58.55	ND	NA	NA	NA	3372.10	New Sock
MW-10	08/18/08	3430.65	ND	58.40	ND	NA	NA	NA	3372.25	Sock

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							PSH	H ₂ O		
MW-10	08/27/08	3430.65	ND	58.42	ND	NA	NA	NA	3372.23	Sock
MW-10	09/02/08	3430.65	ND	58.46	ND	NA	NA	NA	3372.19	Sock
MW-10	09/09/08	3430.65	ND	58.50	ND	NA	NA	NA	3372.15	Sock
MW-10	09/17/08	3430.65	ND	58.38	ND	NA	NA	NA	3372.27	Sock
MW-10	09/24/08	3430.65	ND	58.38	ND	NA	NA	NA	3372.27	Sock
MW-10	10/01/08	3430.65	ND	58.34	ND	NA	NA	NA	3372.31	Sock
MW-10	10/08/08	3430.65	ND	58.36	ND	NA	NA	NA	3372.29	Sock
MW-10	10/15/08	3430.65	ND	58.38	ND	NA	NA	NA	3372.27	Sock
MW-10	10/22/08	3430.65	ND	58.34	ND	NA	NA	NA	3372.31	Sock
MW-10	10/29/08	3430.65	ND	58.36	ND	NA	NA	NA	3372.29	Sock
MW-10	11/05/08	3430.65	ND	58.30	ND	NA	NA	NA	3372.35	Sock
MW-10	11/20/08	3430.65	ND	58.42	ND	NA	NA	NA	3372.23	Sock
MW-10	11/26/08	3430.65	ND	58.37	ND	NA	NA	NA	3372.28	Sock
MW-10	12/03/08	3430.65	ND	58.39	ND	NA	NA	NA	3372.26	Sock
MW-10	12/10/08	3430.65	ND	58.43	ND	NA	NA	NA	3372.22	Sock
MW-10	12/17/08	3430.65	ND	58.51	ND	NA	NA	NA	3372.14	Sock
MW-10	12/21/08	3430.65	ND	58.45	ND	NA	NA	NA	3372.20	Sock
MW-10	12/31/08	3430.65	ND	58.45	ND	NA	NA	NA	3372.20	Sock
MW-10	01/02/09	3430.65	ND	58.45	ND	NA	NA	NA	3372.20	Sock
MW-10	01/07/09	3430.65	ND	58.41	ND	NA	NA	NA	3372.24	Sock
MW-10	01/15/09	3430.65	ND	58.42	ND	NA	NA	NA	3372.23	Sock
MW-10	01/22/09	3430.65	ND	58.34	ND	NA	NA	NA	3372.31	Flipped Sock
MW-10	02/04/09	3430.65	ND	58.31	ND	NA	NA	NA	3372.34	Sock
MW-10	02/11/09	3430.65	ND	58.38	ND	NA	NA	NA	3372.27	Sock
MW-10	02/18/09	3430.65	ND	58.33	ND	NA	NA	NA	3372.32	Sock
MW-10	02/25/09	3430.65	ND	58.30	ND	NA	NA	NA	3372.35	New sock
MW-10	03/04/09	3430.65	ND	58.30	ND	NA	NA	NA	3372.35	Sock
MW-10	03/11/09	3430.65	ND	58.34	ND	NA	NA	NA	3372.31	Sock
MW-10	03/18/09	3430.65	ND	58.28	ND	NA	NA	NA	3372.37	Sock
MW-10	03/25/09	3430.65	ND	58.33	ND	NA	NA	NA	3372.32	Sock
MW-10	04/01/09	3430.65	ND	58.30	ND	NA	NA	NA	3372.35	Sock
MW-10	04/08/09	3430.65	ND	57.31	ND	NA	NA	NA	3373.34	Sock

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							PSH	H ₂ O		
MW-10	04/15/09	3430.65	ND	58.89	ND	NA	NA	NA	3371.76	Sock
MW-10	04/22/09	3430.65	ND	58.30	ND	NA	NA	NA	3372.35	Sock
MW-10	05/06/09	3430.65	ND	58.29	ND	NA	NA	NA	3372.36	Sock
MW-10	05/14/09	3430.65	ND	58.38	ND	NA	NA	NA	3372.27	Sock
MW-10	05/20/09	3430.65	ND	58.29	ND	NA	NA	NA	3372.36	Sock
MW-10	05/27/09	3430.65	ND	58.37	ND	NA	NA	NA	3372.28	Sock
MW-10	06/03/09	3430.65	ND	58.31	ND	NA	NA	NA	3372.34	Sock
MW-10	06/11/09	3430.65	ND	58.35	ND	NA	NA	NA	3372.30	Sock
MW-10	06/17/09	3430.65	ND	58.43	ND	NA	NA	NA	3372.22	Sock
MW-10	06/23/09	3430.65	ND	58.43	ND	NA	NA	NA	3372.22	Sock
MW-10	07/01/09	3430.65	ND	58.44	ND	NA	NA	NA	3372.21	Sock
MW-10	07/07/09	3430.65	ND	58.42	ND	NA	NA	NA	3372.23	Sock
MW-10	07/15/09	3430.65	ND	58.46	ND	NA	NA	NA	3372.19	Sock
MW-10	07/22/09	3430.65	ND	58.44	ND	NA	NA	NA	3372.21	Sock
MW-10	07/29/09	3430.65	ND	58.54	ND	NA	NA	NA	3372.11	Sock
MW-10	08/05/09	3430.65	ND	58.53	ND	NA	NA	NA	3372.12	Sock
MW-10	08/12/09	3430.65	ND	58.53	ND	NA	NA	NA	3372.12	Sock
MW-10	08/19/09	3430.65	ND	58.49	ND	NA	NA	NA	3372.16	Sock
MW-10	08/27/09	3430.65	ND	58.54	ND	NA	NA	NA	3372.11	Sock
MW-10	09/02/09	3430.65	ND	58.51	ND	NA	NA	NA	3372.14	Sock
MW-10	09/09/09	3430.65	ND	58.54	ND	NA	NA	NA	3372.11	Sock
MW-10	09/16/09	3430.65	ND	58.61	ND	NA	NA	NA	3372.04	Sock
MW-10	09/23/09	3430.65	ND	58.61	ND	NA	NA	NA	3372.04	Sock
MW-10	09/30/09	3430.65	ND	58.60	ND	NA	NA	NA	3372.05	Sock
MW-10	10/07/09	3430.65	ND	58.62	ND	NA	NA	NA	3372.03	Sock
MW-10	10/14/09	3430.65	ND	58.63	ND	NA	NA	NA	3372.02	Sock
MW-10	10/21/09	3430.65	ND	58.60	ND	NA	NA	NA	3372.05	Sock
MW-10	10/29/09	3430.65	ND	58.60	ND	NA	NA	NA	3372.05	Sock
MW-10	11/04/09	3430.65	58.60	58.63	0.03	NA	NA	NA	3372.05	Sock
MW-10	11/11/09	3430.65	ND	58.65	ND	NA	NA	NA	3372.00	Sock
MW-10	11/17/09	3430.65	ND	58.56	ND	NA	NA	NA	3372.09	Flipped Sock
MW-10	11/25/09	3430.65	ND	58.62	ND	NA	NA	NA	3372.03	Sock

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-10	12/02/09	3430.65	ND	58.59	ND	NA	NA	NA	3372.06	Sock
MW-10	12/09/09	3430.65	ND	58.69	ND	NA	NA	NA	3371.96	Sock
MW-10	12/16/09	3430.65	ND	58.62	ND	NA	NA	NA	3372.03	Sock
MW-10	12/23/09	3430.65	ND	58.25	ND	NA	NA	NA	3372.40	Sock
MW-10	12/30/09	3430.65	ND	58.64	ND	Pumped	0.10	4.90	3372.01	
MW-10	12/30/09	3430.65	ND	59.77	ND	NA	NA	NA	3370.88	
MW-10	01/06/10	3430.65	ND	58.65	ND	NA	NA	NA	3372.00	
MW-10	01/13/10	3430.65	ND	58.64	ND	NA	NA	NA	3372.01	
MW-10	01/20/10	3430.65	ND	58.59	ND	NA	NA	NA	3372.06	
MW-10	01/27/10	3430.65	ND	58.67	ND	NA	NA	NA	3371.98	
MW-10	02/11/10	3430.65	ND	58.66	ND	NA	NA	NA	3371.99	
MW-10	02/17/10	3430.65	ND	58.68	ND	NA	NA	NA	3371.97	
MW-10	03/02/10	3430.65	ND	58.51	ND	NA	NA	NA	3372.14	
MW-10	03/10/10	3430.65	ND	58.50	ND	NA	NA	NA	3372.15	
MW-10	03/17/10	3430.65	ND	58.55	ND	NA	NA	NA	3372.10	
MW-10	03/24/10	3430.65	ND	58.58	ND	NA	NA	NA	3372.07	
MW-10	03/31/10	3430.65	ND	58.49	ND	NA	NA	NA	3372.16	
MW-10	04/07/10	3430.65	ND	58.54	ND	NA	NA	NA	3372.11	
MW-10	04/14/10	3430.65	ND	58.50	ND	NA	NA	NA	3372.15	
MW-10	04/21/10	3430.65	ND	58.55	ND	NA	NA	NA	3372.10	
MW-10	04/28/10	3430.65	ND	58.50	ND	NA	NA	NA	3372.15	
MW-10	05/05/10	3430.65	ND	58.49	ND	NA	NA	NA	3372.16	
MW-10	05/12/10	3430.65	ND	58.47	ND	NA	NA	NA	3372.18	
MW-10	05/19/10	3430.65	ND	58.59	ND	NA	NA	NA	3372.06	
MW-10	05/29/10	3430.65	ND	58.61	ND	NA	NA	NA	3372.04	
MW-10	06/02/10	3430.65	ND	58.60	ND	NA	NA	NA	3372.05	
MW-10	06/12/10	3430.65	ND	58.66	ND	NA	NA	NA	3371.99	
MW-10	06/15/10	3430.65	ND	58.57	ND	NA	NA	NA	3372.08	
MW-10	06/25/10	3430.65	ND	58.68	ND		0.00	5.00	3371.97	
MW-10	06/25/10	3430.65	ND	60.95	ND	NA	NA	NA	3369.70	
MW-10	06/30/10	3430.65	ND	58.69	ND	NA	NA	NA	3371.96	
MW-10	07/07/10	3430.65	ND	58.68	ND	NA	NA	NA	3371.97	

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							PSH	H ₂ O		
MW-10	07/14/10	3430.65	ND	58.68	ND	NA	NA	NA	3371.97	
MW-10	07/21/10	3430.65	ND	58.66	ND	NA	NA	NA	3371.99	
MW-10	07/28/10	3430.65	ND	58.64	ND	NA	NA	NA	3372.01	
MW-10	08/03/10	3430.65	58.63	58.64	0.01	Pumped	0.10	9.90	3372.02	
MW-10	08/03/10	3430.65	ND	59.82	ND	NA	NA	NA	3370.83	
MW-10	08/11/10	3430.65	58.61	58.62	0.01	Pumped	0.10	9.90	3372.04	
MW-10	08/11/10	3430.65	ND	59.63	ND	NA	NA	NA	3371.02	
MW-10	08/18/10	3430.65	ND	58.63	ND	NA	NA	NA	3372.02	
MW-10	08/25/10	3430.65	58.63	58.64	0.01	NA	NA	NA	3372.02	
MW-10	09/01/10	3430.65	58.63	58.64	0.01	NA	NA	NA	3372.02	
MW-10	09/08/10	3430.65	58.59	58.60	0.01	Pumped	0.10	9.90	3372.06	
MW-10	09/08/10	3430.65	ND	60.15	ND	NA	NA	NA	3370.50	
MW-10	09/15/10	3430.65	58.58	58.59	0.01	Pumped	0.10	9.90	3372.07	
MW-10	09/15/10	3430.65	ND	59.44	ND	NA	NA	NA	3371.21	
MW-10	09/21/10	3430.65	58.59	58.60	0.01	NA	NA	NA	3372.06	
MW-10	10/01/10	3430.65	58.63	58.64	0.01	NA	NA	NA	3372.02	
MW-10	10/06/10	3430.65	58.63	58.64	0.01	NA	NA	NA	3372.02	
MW-10	10/13/10	3430.65	58.62	58.63	0.01	NA	NA	NA	3372.03	
MW-10	10/22/10	3430.65	58.61	58.62	0.01	NA	NA	NA	3372.04	
MW-10	10/27/10	3430.65	58.59	58.60	0.01	NA	NA	NA	3372.06	
MW-10	11/03/10	3430.65	58.61	58.62	0.01	NA	NA	NA	3372.04	
MW-10	11/10/10	3430.65	58.54	58.55	0.01	Pumped	0.10	9.90	3372.11	
MW-10	11/10/10	3430.65	ND	59.99	ND	NA	NA	NA	3370.66	
MW-10	11/16/10	3430.65	58.58	58.59	0.01	Pumped	0.10	9.90	3372.07	
MW-10	11/16/10	3430.65	ND	59.50	ND	NA	NA	NA	3371.15	
MW-10	11/23/10	3430.65	58.50	58.51	0.01	NA	NA	NA	3372.15	
MW-10	12/01/10	3430.65	ND	58.54	ND	NA	NA	NA	3372.11	
MW-10	12/08/10	3430.65	58.51	58.52	0.01	Pumped	0.10	14.90	3372.14	
MW-10	12/08/10	3430.65	ND	60.74	ND	NA	NA	NA	3369.91	
MW-10	12/15/10	3430.65	58.47	58.48	0.01	NA	NA	NA	3372.18	
MW-10	12/21/10	3430.65	58.52	58.53	0.01	NA	NA	NA	3372.13	
MW-10	01/08/11	3430.65	58.52	58.53	0.01	NA	NA	NA	3372.13	

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							PSH	H ₂ O		
MW-10	01/12/11	3430.65	ND	58.57	ND	NA	NA	NA	3372.08	droplets on probe
MW-10	01/19/11	3430.65	58.48	58.49	0.01	NA	NA	NA	3372.17	
MW-10	01/25/11	3430.65	ND	58.52	ND	NA	NA	NA	3372.13	
MW-10	02/04/11	3430.65	58.52	58.53	0.01	NA	NA	NA	3372.13	
MW-10	02/08/11	3430.65	58.49	58.50	0.01	NA	NA	NA	3372.16	
MW-10	02/16/11	3430.65	58.50	58.51	0.01	NA	NA	NA	3372.15	
MW-10	02/24/11	3430.65	58.57	58.58	0.01	NA	NA	NA	3372.08	
MW-10	03/02/11	3430.65	58.53	58.54	0.01	NA	NA	NA	3372.12	
MW-10	03/08/11	3430.65	58.54	58.55	0.01	NA	NA	NA	3372.11	
MW-10	03/16/11	3430.65	58.54	58.55	0.01	NA	NA	NA	3372.11	
MW-10	03/23/11	3430.65	58.58	58.59	0.01	NA	NA	NA	3372.07	
MW-10	03/30/11	3430.65	ND	58.56	ND	NA	NA	NA	3372.09	
MW-10	04/08/11	3430.65	58.56	58.57	0.01	NA	NA	NA	3372.09	
MW-10	04/13/11	3430.65	58.55	58.56	0.01	NA	NA	NA	3372.10	
MW-10	04/20/11	3430.65	Sheen	58.58	Sheen	NA	NA	NA	3372.07	
MW-10	04/27/11	3430.65	58.61	58.62	0.01	NA	NA	NA	3372.04	
MW-10	05/04/11	3430.65	58.58	58.59	0.01	NA	NA	NA	3372.07	
MW-10	05/11/11	3430.65	58.61	58.62	0.01		0.10	14.90	3372.04	
MW-10	05/11/11	3430.65	ND	60.89	ND	NA	NA	NA	3369.76	
MW-10	05/19/11	3430.65	58.62	58.63	0.01	NA	NA	NA	3372.03	
MW-10	05/24/11	3430.65	58.62	58.63	0.01	NA	NA	NA	3372.03	
MW-10	06/03/11	3430.65	58.79	58.80	0.01	NA	NA	NA	3371.86	Sampled
MW-10	06/08/11	3430.65	58.81	58.82	0.01	NA	NA	NA	3371.84	
MW-10	06/21/11	3430.65	Sheen	58.73	Sheen	NA	NA	NA	3371.92	
MW-10	06/29/11	3430.65	58.85	58.86	0.01	NA	NA	NA	3371.80	
MW-10	07/06/11	3430.65	58.90	58.91	0.01	NA	NA	NA	3371.75	
MW-10	07/13/11	3430.65	58.88	58.89	0.01	NA	NA	NA	3371.77	
MW-10	07/21/11	3430.65	58.93	58.94	0.01	NA	NA	NA	3371.72	
MW-10	07/27/11	3430.65	58.94	58.95	0.01	NA	NA	NA	3371.71	
MW-10	08/03/11	3430.65	58.98	58.99	0.01	NA	NA	NA	3371.67	
MW-10	08/11/11	3430.65	59.01	59.02	0.01	NA	NA	NA	3371.64	
MW-10	08/17/11	3430.65	58.93	58.94	0.01	NA	NA	NA	3371.72	

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							PSH	H ₂ O		
MW-10	08/24/11	3430.65	59.07	59.08	0.01	NA	NA	NA	3371.58	
MW-10	08/29/11	3430.65	59.06	59.07	0.01	NA	NA	NA	3371.59	
MW-10	09/07/11	3430.65	59.10	59.11	0.01	NA	NA	NA	3371.55	
MW-10	09/14/11	3430.65	58.90	58.91	0.01	NA	NA	NA	3371.75	
MW-10	09/21/11	3430.65	59.13	59.14	0.01	NA	NA	NA	3371.52	
MW-10	09/26/11	3430.65	59.12	59.13	0.01	NA	NA	NA	3371.53	
MW-10	10/05/11	3430.65	59.09	59.10	0.01	NA	NA	NA	3371.56	
MW-10	10/12/11	3430.65	59.15	59.16	0.01	NA	0.10	4.90	3371.50	
MW-10	10/12/11	3430.65	ND	61.19	ND	NA	NA	NA	3369.46	
MW-10	10/18/11	3430.65	Heavy Sheen	59.16	Heavy Sheen	NA	NA	NA	3371.49	sheen on probe
MW-10	10/28/11	3430.65	59.17	59.18	0.01	NA	NA	NA	3371.48	
MW-10	11/02/11	3430.65	59.21	59.22	0.01	NA	NA	NA	3371.44	
MW-10	11/09/11	3430.65	59.20	59.21	0.01	NA	0.10	4.90	3371.45	
MW-10	11/09/11	3430.65	ND	60.38	ND	NA	NA	NA	3370.27	
MW-10	11/18/11	3430.65	59.15	59.16	0.01	NA	NA	NA	3371.50	
MW-10	11/23/11	3430.65	59.21	59.22	0.01	NA	NA	NA	3371.44	
MW-10	11/29/11	3430.65	59.17	59.18	0.01	NA	NA	NA	3371.48	
MW-10	12/13/11	3430.65	59.17	59.18	0.01	NA	NA	NA	3371.48	
MW-10	12/20/11	3430.65	59.17	59.18	0.01	NA	NA	NA	3371.48	
MW-10	12/27/11	3430.65	59.12	59.13	0.01	NA	NA	NA	3371.53	
MW-10	01/04/12	3430.65	59.18	59.19	0.01	NA	NA	NA	3371.47	
MW-10	01/13/12	3430.65	59.18	59.19	0.01	NA	NA	NA	3371.47	
MW-10	01/18/12	3430.65	59.07	59.08	0.01	NA	NA	NA	3371.58	
MW-10	01/27/12	3430.65	59.18	59.20	0.02	NA	NA	NA	3371.47	
MW-10	02/02/12	3430.65	59.15	59.16	0.01	NA	0.10	9.90	3371.50	
MW-10	02/02/12	3430.65	ND	60.98	ND	NA	NA	NA	3369.67	
MW-10	02/08/12	3430.65	59.18	59.19	0.01	NA	NA	NA	3371.47	
MW-10	02/15/12	3430.65	59.19	59.20	0.01	NA	NA	NA	3371.46	
MW-10	02/23/12	3430.65	59.14	59.15	0.01	NA	NA	NA	3371.51	
MW-10	02/29/12	3430.65	59.18	59.21	0.03	NA	0.10	4.90	3371.47	
MW-10	02/29/12	3430.65	ND	60.97	ND	NA	NA	NA	3369.68	
MW-10	03/14/12	3430.65	59.22	59.25	0.03	NA	NA	NA	3371.43	

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							PSH	H ₂ O		
MW-10	03/21/12	3430.65	59.15	59.60	0.45	NA	NA	NA	3371.43	
MW-10	04/03/12	3430.65	59.19	59.20	0.01	NA	NA	NA	3371.46	
MW-10	04/11/12	3430.65	59.21	59.22	0.01	NA	NA	NA	3371.44	
MW-10	04/20/12	3430.65	59.25	59.27	0.02	NA	NA	NA	3371.40	
MW-10	04/26/12	3430.65	59.18	59.19	0.01	NA	NA	NA	3371.47	
MW-10	05/02/12	3430.65	59.20	59.21	0.01	NA	NA	NA	3371.45	
MW-10	05/09/12	3430.65	59.22	59.24	0.02	NA	NA	NA	3371.43	
MW-10	05/16/12	3430.65	59.26	59.27	0.01	NA	NA	NA	3371.39	
MW-10	05/24/12	3430.65	59.22	59.25	0.03	NA	NA	NA	3371.43	
MW-10	05/29/12	3430.65	59.15	59.16	0.01	NA	NA	NA	3371.50	
MW-10	06/06/12	3430.65	59.20	59.35	0.15	NA	NA	NA	3371.43	
MW-10	06/13/12	3430.65	59.18	59.20	0.02	NA	NA	NA	3371.47	
MW-10	06/19/12	3430.65	59.19	59.28	0.09	NA	NA	NA	3371.45	
MW-10	06/27/12	3430.65	59.24	59.35	0.11		0.00	5.00	3371.39	
MW-10	06/27/12	3430.65	ND	59.38	ND	NA	NA	NA	3371.27	
MW-10	07/05/12	3430.65	59.33	59.35	0.02	NA	NA	NA	3371.32	
MW-10	07/11/12	3430.65	59.32	59.35	0.03	NA	NA	NA	3371.33	
MW-10	07/18/12	3430.65	59.34	59.35	0.01	NA	NA	NA	3371.31	
MW-10	07/25/12	3430.65	59.32	59.34	0.02	NA	0.10	10.00	3371.33	
MW-10	07/31/12	3430.65	59.36	59.40	0.04	NA	0.10	10.00	3371.28	
MW-10	07/31/12	3430.65	ND	60.62	ND	NA	NA	NA	3370.03	
MW-10	08/08/12	3430.65	59.40	59.48	0.08	NA	NA	NA	3371.24	
MW-10	08/13/12	3430.65	59.41	59.56	0.15	NA	0.10	10.00	3371.22	
MW-10	08/13/12	3430.65	ND	60.11	ND	NA	NA	NA	3370.54	
MW-10	08/20/12	3430.65	Sheen	59.42	Sheen	NA	0.10	10.00	3371.23	
MW-10	08/20/12	3430.65	ND	60.03	ND	NA	NA	NA	3370.62	
MW-10	09/05/12	3430.65	59.42	59.48	0.06	NA	NA	10.00	3371.22	
MW-10	09/05/12	3430.65	ND	60.19	ND	NA	NA	NA	3370.46	
MW-10	09/12/12	3430.65	ND	59.43	ND	NA	NA	NA	3371.22	
MW-10	10/02/12	3430.65	59.44	59.48	0.04	NA	NA	NA	3371.20	
MW-10	10/10/12	3430.65	59.44	59.46	0.02	NA	NA	NA	3371.21	
MW-10	10/16/12	3430.65	59.42	59.45	0.03	NA	NA	NA	3371.23	

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							PSH	H ₂ O		
MW-10	10/24/12	3430.65	59.41	59.50	0.09	NA	NA	NA	3371.23	
MW-10	10/30/12	3430.65	59.46	59.50	0.04	NA	NA	NA	3371.18	
MW-10	11/06/12	3430.65	59.45	59.48	0.03	NA	NA	NA	3371.20	
MW-10	11/13/12	3430.65	59.78	59.82	0.04	NA	NA	NA	3370.86	
MW-10	11/19/12	3430.65	59.48	59.50	0.02	NA	NA	NA	3371.17	
MW-10	12/05/12	3430.65	59.48	59.48	0.00	NA	NA	NA	3371.17	
MW-10	12/11/12	3430.65	59.49	59.50	0.01	NA	NA	NA	3371.16	
MW-11	02/21/07	3430.94	ND	58.52	ND	NA	NA	NA	3372.42	
MW-11	03/01/07	3430.94	ND	58.48	ND	NA	NA	NA	3372.46	Sampled
MW-11	04/03/07	3430.94	ND	58.54	ND	NA	NA	NA	3372.40	
MW-11	05/03/07	3430.94	ND	58.45	ND	NA	NA	NA	3372.49	
MW-11	05/31/07	3430.94	ND	58.42	ND	NA	NA	NA	3372.52	Sampled
MW-11	06/06/07	3430.94	ND	58.46	ND	NA	NA	NA	3372.48	
MW-11	07/05/07	3430.94	ND	58.45	ND	NA	NA	NA	3372.49	
MW-11	07/31/07	3430.94	ND	58.48	ND	NA	NA	NA	3372.46	
MW-11	09/06/07	3430.94	ND	58.48	ND	NA	NA	NA	3372.46	Sampled
MW-11	10/04/07	3430.94	ND	58.53	ND	NA	NA	NA	3372.41	
MW-11	11/13/07	3430.94	ND	58.45	ND	NA	NA	NA	3372.49	Sampled
MW-11	12/05/07	3430.94	ND	58.50	ND	NA	NA	NA	3372.44	
MW-11	01/09/08	3430.94	ND	58.45	ND	NA	NA	NA	3372.49	
MW-11	02/08/08	3430.94	ND	58.48	ND	NA	NA	NA	3372.46	Sampled
MW-11	02/26/08	3430.94	ND	58.48	ND	NA	NA	NA	3372.49	
MW-11	04/02/08	3430.94	ND	58.45	ND	NA	NA	NA	3372.46	Sampled
MW-11	05/29/08	3430.94	ND	58.48	ND	NA	NA	NA	3372.46	
MW-11	06/26/08	3430.94	ND	58.63	ND	NA	NA	NA	3372.31	Sampled
MW-11	07/07/08	3430.94	ND	58.53	ND	NA	NA	NA	3372.41	
MW-11	08/18/08	3430.94	ND	58.50	ND	NA	NA	NA	3372.44	Sampled
MW-11	10/15/08	3430.94	ND	58.63	ND	NA	NA	NA	3372.31	
MW-11	11/20/08	3430.94	ND	58.61	ND	NA	NA	NA	3372.33	Sampled
MW-11	12/21/08	3430.94	ND	58.65	ND	NA	NA	NA	3372.29	
MW-11	01/07/09	3430.94	ND	58.53	ND	NA	NA	NA	3372.41	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-11	02/04/09	3430.94	ND	58.59	ND	NA	NA	NA	3372.35	
MW-11	02/18/09	3430.94	ND	58.56	ND	NA	NA	NA	3372.38	Sampled
MW-11	03/04/09	3430.94	ND	58.57	ND	NA	NA	NA	3372.37	
MW-11	04/08/09	3430.94	ND	58.56	ND	NA	NA	NA	3372.38	
MW-11	05/06/09	3430.94	ND	58.52	ND	NA	NA	NA	3372.42	
MW-11	05/20/09	3430.94	ND	58.52	ND	NA	NA	NA	3372.42	Sampled
MW-11	06/03/09	3430.94	ND	58.55	ND	NA	NA	NA	3372.39	
MW-11	07/15/09	3430.94	ND	58.73	ND	NA	NA	NA	3372.21	
MW-11	08/05/09	3430.94	ND	58.28	ND	NA	NA	NA	3372.66	
MW-11	08/27/09	3430.94	ND	58.75	ND	NA	NA	NA	3372.19	Sampled
MW-11	09/02/09	3430.94	ND	58.74	ND	NA	NA	NA	3372.20	
MW-11	10/07/09	3430.94	ND	58.74	ND	NA	NA	NA	3372.20	
MW-11	11/04/09	3430.94	ND	58.76	ND	NA	NA	NA	3372.18	
MW-11	11/17/09	3430.94	ND	58.78	ND	NA	NA	NA	3372.16	Sampled
MW-11	12/02/09	3430.94	ND	58.76	ND	NA	NA	NA	3372.18	
MW-11	01/06/10	3430.94	ND	58.73	ND	NA	NA	NA	3372.21	
MW-11	02/11/10	3430.94	ND	58.74	ND	NA	NA	NA	3372.20	Sampled
MW-11	03/10/10	3430.94	ND	58.72	ND	NA	NA	NA	3372.22	
MW-11	04/07/10	3430.94	ND	58.74	ND	NA	NA	NA	3372.20	
MW-11	05/05/10	3430.94	ND	58.75	ND	NA	NA	NA	3372.19	
MW-11	05/12/10	3430.94	ND	58.75	ND	NA	NA	NA	3372.19	Sampled
MW-11	06/02/10	3430.94	ND	58.77	ND	NA	NA	NA	3372.17	
MW-11	07/07/10	3430.94	ND	58.84	ND	NA	NA	NA	3372.10	
MW-11	08/03/10	3430.94	ND	58.79	ND	NA	NA	NA	3372.15	
MW-11	08/26/10	3430.94	ND	58.78	ND	NA	NA	NA	3372.16	Sampled
MW-11	09/01/10	3430.94	ND	58.76	ND	NA	NA	NA	3372.18	
MW-11	10/13/10	3430.94	ND	58.81	ND	NA	NA	NA	3372.13	
MW-11	11/18/10	3430.94	ND	58.86	ND	NA	NA	NA	3372.08	Sampled
MW-11	11/23/10	3430.94	ND	58.79	ND	NA	NA	NA	3372.15	
MW-11	12/08/10	3430.94	ND	58.82	ND	NA	NA	NA	3372.12	
MW-11	01/12/11	3430.94	ND	58.80	ND	NA	NA	NA	3372.14	
MW-11	02/08/11	3430.94	ND	58.80	ND	NA	NA	NA	3372.14	

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							PSH	H ₂ O		
MW-11	02/24/11	3430.94	ND	58.86	ND	NA	NA	NA	3372.08	Sampled
MW-11	03/08/11	3430.94	ND	58.84	ND	NA	NA	NA	3372.10	
MW-11	04/13/11	3430.94	ND	58.91	ND	NA	NA	NA	3372.03	
MW-11	06/02/11	3430.94	ND	58.95	ND	NA	NA	NA	3371.99	
MW-11	06/03/11	3430.94	ND	59.01	ND	NA	NA	NA	3371.93	Sampled
MW-11	07/27/11	3430.94	ND	59.12	ND	NA	NA	NA	3371.82	
MW-11	08/29/11	3430.94	ND	59.21	ND	NA	NA	NA	3371.73	Sampled
MW-11	09/14/11	3430.94	ND	59.32	ND	NA	NA	NA	3371.62	
MW-11	10/12/11	3430.94	ND	59.34	ND	NA	NA	NA	3371.60	
MW-11	11/29/11	3430.94	ND	59.38	ND	NA	NA	NA	3371.56	Sampled
MW-11	12/27/11	3430.94	ND	59.33	ND	NA	NA	NA	3371.61	
MW-11	01/18/12	3430.94	ND	59.35	ND	NA	NA	NA	3371.59	
MW-11	02/23/12	3430.94	ND	59.33	ND	NA	NA	NA	3371.61	
MW-11	04/20/12	3430.94	ND	59.40	ND	NA	NA	NA	3371.54	
MW-11	05/24/12	3430.94	ND	59.41	ND	NA	NA	NA	3371.53	
MW-11	07/18/12	3430.94	ND	59.61	ND	NA	NA	NA	3371.33	
MW-11	09/12/12	3430.94	ND	59.68	ND	NA	NA	NA	3371.26	
MW-11	10/16/12	3430.94	ND	59.70	ND	NA	NA	NA	3371.24	
MW-11	11/19/12	3430.94	ND	59.76	ND	NA	NA	NA	3371.18	
MW-11	12/11/12	3430.94	ND	59.76	ND	NA	NA	NA	3371.18	
MW-12	02/21/07	3426.47	ND	54.58	ND	NA	NA	NA	3371.89	
MW-12	03/01/07	3426.47	ND	54.52	ND	NA	NA	NA	3371.95	Sampled
MW-12	04/02/07	3426.47	ND	54.57	ND	NA	NA	NA	3371.90	
MW-12	05/03/07	3426.47	ND	54.50	ND	NA	NA	NA	3371.97	
MW-12	05/31/07	3426.47	ND	54.51	ND	NA	NA	NA	3371.96	Sampled
MW-12	06/06/07	3426.47	ND	54.53	ND	NA	NA	NA	3371.94	
MW-12	07/05/07	3426.47	ND	54.50	ND	NA	NA	NA	3371.97	
MW-12	07/31/07	3426.47	ND	54.50	ND	NA	NA	NA	3371.97	
MW-12	09/06/07	3426.47	ND	54.53	ND	NA	NA	NA	3371.94	Sampled
MW-12	10/04/07	3426.47	ND	54.56	ND	NA	NA	NA	3371.91	
MW-12	11/13/07	3426.47	ND	54.52	ND	NA	NA	NA	3371.95	Sampled

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							PSH	H ₂ O		
MW-12	12/05/07	3426.47	ND	54.56	ND	NA	NA	NA	3371.91	
MW-12	01/09/08	3426.47	ND	54.58	ND	NA	NA	NA	3371.89	
MW-12	02/26/08	3426.47	ND	54.50	ND	NA	NA	NA	3371.97	Sampled
MW-12	04/02/08	3426.47	ND	NG	ND	NA	NA	NA	NG	
MW-12	05/29/08	3426.47	ND	54.48	ND	NA	NA	NA	3371.99	Sampled
MW-12	06/26/08	3426.47	ND	54.65	ND	NA	NA	NA	3371.82	
MW-12	07/07/08	3426.47	ND	54.57	ND	NA	NA	NA	3371.90	
MW-12	08/18/08	3426.47	ND	54.64	ND	NA	NA	NA	3371.83	Sampled
MW-12	10/15/08	3426.47	ND	54.68	ND	NA	NA	NA	3371.79	
MW-12	11/20/08	3426.47	ND	54.69	ND	NA	NA	NA	3371.78	Sampled
MW-12	12/21/08	3426.47	ND	54.70	ND	NA	NA	NA	3371.77	
MW-12	01/07/09	3426.47	ND	54.64	ND	NA	NA	NA	3371.83	
MW-12	02/04/09	3426.47	ND	54.63	ND	NA	NA	NA	3371.84	
MW-12	02/18/09	3426.47	ND	54.61	ND	NA	NA	NA	3371.86	Sampled
MW-12	03/04/09	3426.47	ND	54.62	ND	NA	NA	NA	3371.85	
MW-12	04/08/09	3426.47	ND	54.51	ND	NA	NA	NA	3371.96	
MW-12	05/06/09	3426.47	ND	54.52	ND	NA	NA	NA	3371.95	
MW-12	05/20/09	3426.47	ND	54.58	ND	NA	NA	NA	3371.89	Sampled
MW-12	06/03/09	3426.47	ND	54.61	ND	NA	NA	NA	3371.86	
MW-12	07/15/09	3426.47	ND	54.75	ND	NA	NA	NA	3371.72	
MW-12	08/05/09	3426.47	ND	54.70	ND	NA	NA	NA	3371.77	
MW-12	08/27/09	3426.47	ND	54.75	ND	NA	NA	NA	3371.72	Sampled
MW-12	09/02/09	3426.47	ND	54.79	ND	NA	NA	NA	3371.68	
MW-12	10/07/09	3426.47	ND	54.78	ND	NA	NA	NA	3371.69	
MW-12	11/04/09	3426.47	ND	54.80	ND	NA	NA	NA	3371.67	
MW-12	11/17/09	3426.47	ND	54.81	ND	NA	NA	NA	3371.66	Sampled
MW-12	12/02/09	3426.47	ND	54.80	ND	NA	NA	NA	3371.67	
MW-12	01/06/10	3426.47	ND	54.75	ND	NA	NA	NA	3371.72	
MW-12	02/11/10	3426.47	ND	54.78	ND	NA	NA	NA	3371.69	Sampled
MW-12	03/10/10	3426.47	ND	54.72	ND	NA	NA	NA	3371.75	
MW-12	05/05/10	3426.47	ND	54.75	ND	NA	NA	NA	3371.72	
MW-12	05/12/10	3426.47	ND	54.68	ND	NA	NA	NA	3371.79	Sampled

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							PSH	H ₂ O		
MW-12	06/02/10	3426.47	ND	54.78	ND	NA	NA	NA	3371.69	
MW-12	07/07/10	3426.47	ND	54.86	ND	NA	NA	NA	3371.61	
MW-12	08/03/10	3426.47	ND	54.79	ND	NA	NA	NA	3371.68	
MW-12	08/26/10	3426.47	ND	54.71	ND	NA	NA	NA	3371.76	Sampled
MW-12	09/01/10	3426.47	ND	54.74	ND	NA	NA	NA	3371.73	
MW-12	10/13/10	3426.47	ND	54.75	ND	NA	NA	NA	3371.72	
MW-12	11/18/10	3426.47	ND	54.84	ND	NA	NA	NA	3371.63	Sampled
MW-12	11/23/10	3426.47	ND	54.75	ND	NA	NA	NA	3371.72	
MW-12	12/08/10	3426.47	ND	54.78	ND	NA	NA	NA	3371.69	
MW-12	01/12/11	3426.47	ND	54.81	ND	NA	NA	NA	3371.66	
MW-12	02/08/11	3426.47	ND	54.79	ND	NA	NA	NA	3371.68	
MW-12	02/24/11	3426.47	ND	54.84	ND	NA	NA	NA	3371.63	Sampled
MW-12	03/08/11	3426.47	ND	54.82	ND	NA	NA	NA	3371.65	
MW-12	04/13/11	3426.47	ND	54.85	ND	NA	NA	NA	3371.62	
MW-12	06/03/11	3426.47	ND	55.03	ND	NA	NA	NA	3371.44	Sampled
MW-12	07/27/11	3426.47	ND	55.13	ND	NA	NA	NA	3371.34	
MW-12	08/29/11	3426.47	ND	55.24	ND	NA	NA	NA	3371.23	Sampled
MW-12	09/14/11	3426.47	ND	55.33	ND	NA	NA	NA	3371.14	
MW-12	10/12/11	3426.47	ND	55.35	ND	NA	NA	NA	3371.12	
MW-12	11/29/11	3426.47	ND	55.44	ND	NA	NA	NA	3371.03	Sampled
MW-12	12/27/11	3426.47	ND	55.35	ND	NA	NA	NA	3371.12	
MW-12	01/18/12	3426.47	ND	55.35	ND	NA	NA	NA	3371.12	
MW-12	02/02/12	3426.47	ND	55.36	ND	NA	NA	NA	3371.11	
MW-12	02/23/12	3426.47	ND	55.32	ND	NA	NA	NA	3371.15	
MW-12	04/20/12	3426.47	ND	55.40	ND	NA	NA	NA	3371.07	
MW-12	05/24/12	3426.47	ND	55.43	ND	NA	NA	NA	3371.04	
MW-12	07/18/12	3426.47	ND	55.60	ND	NA	NA	NA	3370.87	
MW-12	07/25/12	3426.47	ND	55.61	ND	NA	NA	20.00	3370.86	
MW-12	07/25/12	3426.47	ND	56.05	ND	NA	NA	NA	3370.42	
MW-12	09/12/12	3426.47	ND	55.70	ND	NA	NA	NA	3370.77	
MW-12	10/16/12	3426.47	ND	55.70	ND	NA	NA	NA	3370.77	
MW-12	11/19/12	3426.47	ND	55.76	ND	NA	NA	NA	3370.71	

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							PSH	H ₂ O		
MW-12	12/11/12	3426.47	ND	55.78	ND	NA	NA	NA	3370.69	
MW 13	09/24/08	3431.13	ND	59.33	ND	NA	NA	NA	3371.80	
MW 13	10/15/08	3431.13	ND	59.33	ND	NA	NA	NA	3371.80	
MW 13	11/20/08	3431.13	ND	59.33	ND	NA	NA	NA	3371.80	Sampled
MW 13	12/21/08	3431.13	ND	59.32	ND	NA	NA	NA	3371.81	
MW 13	01/07/09	3431.13	ND	59.31	ND	NA	NA	NA	3371.82	
MW 13	02/04/09	3431.13	ND	59.32	ND	NA	NA	NA	3371.81	
MW 13	02/18/09	3431.13	ND	59.26	ND	NA	NA	NA	3371.87	Sampled
MW 13	03/04/09	3431.13	ND	59.32	ND	NA	NA	NA	3371.81	
MW 13	04/08/09	3431.13	ND	59.02	ND	NA	NA	NA	3372.11	
MW 13	05/06/09	3431.13	ND	59.20	ND	NA	NA	NA	3371.93	
MW 13	05/20/09	3431.13	ND	59.25	ND	NA	NA	NA	3371.88	Sampled
MW 13	06/03/09	3431.13	ND	59.28	ND	NA	NA	NA	3371.85	
MW 13	07/15/09	3431.13	ND	59.39	ND	NA	NA	NA	3371.74	
MW 13	08/05/09	3431.13	ND	59.40	ND	NA	NA	NA	3371.73	
MW 13	08/27/09	3431.13	ND	59.36	ND	NA	NA	NA	3371.77	Sampled
MW 13	09/02/09	3431.13	ND	59.39	ND	NA	NA	NA	3371.74	
MW 13	10/07/09	3431.13	ND	59.41	ND	NA	NA	NA	3371.72	
MW 13	11/04/09	3431.13	ND	59.45	ND	NA	NA	NA	3371.68	
MW 13	11/17/09	3431.13	ND	59.44	ND	NA	NA	NA	3371.69	Sampled
MW 13	12/02/09	3431.13	ND	59.43	ND	NA	NA	NA	3371.70	
MW 13	01/06/10	3431.13	ND	59.41	ND	NA	NA	NA	3371.72	
MW 13	02/11/10	3431.13	ND	59.45	ND	NA	NA	NA	3371.68	Sampled
MW 13	03/10/10	3431.13	ND	59.42	ND	NA	NA	NA	3371.71	
MW 13	05/05/10	3431.13	ND	59.32	ND	NA	NA	NA	3371.81	
MW 13	05/12/10	3431.13	ND	59.34	ND	NA	NA	NA	3371.79	Sampled
MW 13	06/02/10	3431.13	ND	59.64	ND	NA	NA	NA	3371.49	
MW 13	06/25/10	3431.13	ND	59.51	ND	Pumped	0.00	15.00	3371.62	
MW 13	06/25/10	3431.13	ND	59.71	ND	NA	NA	NA	3371.42	
MW 13	06/30/10	3431.13	ND	59.54	ND	Pumped	0.00	20.00	3371.59	
MW 13	06/30/10	3431.13	ND	59.65	ND	NA	NA	NA	3371.48	

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							PSH	H ₂ O		
MW 13	07/07/10	3431.13	ND	59.54	ND	Pumped	0.00	20.00	3371.59	
MW 13	07/07/10	3431.13	ND	59.66	ND	NA	NA	NA	3371.47	
MW 13	07/28/10	3431.13	ND	59.43	ND	Pumped	0.00	20.00	3371.70	
MW 13	07/28/10	3431.13	ND	59.48	ND	NA	NA	NA	3371.65	
MW 13	08/03/10	3431.13	ND	59.43	ND	Pumped	0.00	20.00	3371.70	
MW 13	08/03/10	3431.13	ND	59.52	ND	NA	NA	NA	3371.61	
MW 13	08/11/10	3431.13	ND	59.43	ND	Pumped	0.00	20.00	3371.70	
MW 13	08/11/10	3431.13	ND	59.46	ND	NA	NA	NA	3371.67	
MW 13	08/18/10	3431.13	ND	59.48	ND	Pumped	0.00	20.00	3371.65	
MW 13	08/18/10	3431.13	ND	59.46	ND	NA	NA	NA	3371.67	
MW 13	08/25/10	3431.13	ND	59.42	ND	Pumped	0.00	20.00	3371.71	
MW 13	08/25/10	3431.13	ND	59.51	ND	NA	NA	NA	3371.62	
MW 13	08/26/10	3431.13	ND	59.38	ND	NA	NA	NA	3371.75	Sampled
MW 13	09/01/10	3431.13	ND	59.41	ND	Pumped	0.00	20.00	3371.72	
MW 13	09/01/10	3431.13	ND	59.50	ND	NA	NA	NA	3371.63	
MW 13	09/08/10	3431.13	ND	59.40	ND	Pumped	0.00	20.00	3371.73	
MW 13	09/08/10	3431.13	ND	59.47	ND	NA	NA	NA	3371.66	
MW 13	09/15/10	3431.13	ND	59.42	ND	Pumped	0.00	20.00	3371.71	
MW 13	09/15/10	3431.13	ND	59.51	ND	NA	NA	NA	3371.62	
MW 13	10/06/10	3431.13	ND	59.42	ND	Pumped	0.00	20.00	3371.71	
MW 13	10/06/10	3431.13	ND	59.57	ND	NA	NA	NA	3371.56	
MW 13	10/13/10	3431.13	ND	59.45	ND	Pumped	0.00	20.00	3371.68	
MW 13	10/13/10	3431.13	ND	59.76	ND	NA	NA	NA	3371.37	
MW 13	11/03/10	3431.13	ND	59.44	ND	Pumped	0.00	20.00	3371.69	
MW 13	11/03/10	3431.13	ND	59.56	ND	NA	NA	NA	3371.57	
MW 13	11/18/10	3431.13	ND	59.49	ND	NA	NA	NA	3371.64	Sampled
MW 13	11/23/10	3431.13	ND	59.44	ND	NA	NA	NA	3371.69	
MW 13	12/01/10	3431.13	ND	59.48	ND	Pumped	0.00	15.00	3371.65	
MW 13	12/01/10	3431.13	ND	59.58	ND	NA	NA	NA	3371.55	
MW 13	12/08/10	3431.13	ND	59.45	ND	Pumped	0.00	15.00	3371.68	
MW 13	12/08/10	3431.13	ND	59.57	ND	NA	NA	NA	3371.56	
MW 13	12/15/10	3431.13	ND	59.43	ND	Pumped	0.00	15.00	3371.70	

TAB
HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
 Plains Marketing, L.P.
 Hugh Gathering
 SRS #2002-10235
 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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW 13	12/15/10	3431.13	ND	59.55	ND	NA	NA	NA	3371.58	
MW 13	12/21/10	3431.13	ND	59.46	ND	Pumped	0.00	10.00	3371.67	
MW 13	12/21/10	3431.13	ND	59.51	ND	NA	NA	NA	3371.62	
MW 13	01/12/11	3431.13	ND	59.48	ND		0.00	15.00	3371.65	
MW 13	01/12/11	3431.13	ND	59.54	ND	NA	NA	NA	3371.59	
MW 13	01/25/11	3431.13	ND	59.46	ND		0.00	20.00	3371.67	
MW 13	01/25/11	3431.13	ND	59.50	ND	NA	NA	NA	3371.63	
MW 13	02/08/11	3431.13	ND	59.46	ND		0.00	10.00	3371.67	
MW 13	02/08/11	3431.13	ND	59.54	ND	NA	NA	NA	3371.59	
MW 13	02/24/11	3431.13	ND	59.51	ND	NA	NA	NA	3371.62	Sampled
MW 13	03/08/11	3431.13	ND	59.46	ND		0.00	20.00	3371.67	
MW 13	03/08/11	3431.13	ND	59.52	ND	NA	NA	NA	3371.61	
MW 13	03/23/11	3431.13	ND	59.53	ND		0.00	20.00	3371.60	
MW 13	03/23/11	3431.13	ND	59.63	ND	NA	NA	NA	3371.50	
MW 13	04/13/11	3431.13	ND	59.53	ND	NA	NA	NA	3371.60	
MW 13	05/04/11	3431.13	ND	59.54	ND		0.00	10.00	3371.59	
MW 13	05/04/11	3431.13	ND	59.59	ND	NA	NA	NA	3371.54	
MW 13	06/03/11	3431.13	ND	59.68	ND	NA	NA	NA	3371.45	Sampled
MW 13	07/27/11	3431.13	ND	59.80	ND	NA	NA	NA	3371.33	
MW 13	08/29/11	3431.13	ND	59.90	ND	NA	NA	NA	3371.23	Sampled
MW 13	09/14/11	3431.13	ND	59.99	ND	NA	NA	NA	3371.14	
MW 13	10/12/11	3431.13	ND	60.00	ND	NA	NA	NA	3371.13	
MW 13	11/29/11	3431.13	ND	60.05	ND	NA	NA	NA	3371.08	Sampled
MW 13	12/07/11	3431.13	ND	60.03	ND	NA	NA	NA	3371.10	PAHs sampling
MW 13	12/27/11	3431.13	ND	60.02	ND	NA	NA	NA	3371.11	
MW 13	01/18/12	3431.13	ND	60.04	ND	NA	NA	NA	3371.09	
MW 13	02/02/12	3431.13	ND	60.01	ND	NA	NA	NA	3371.12	
MW 13	02/23/12	3431.13	ND	60.02	ND	NA	NA	NA	3371.11	
MW 13	04/20/12	3431.13	ND	60.08	ND	NA	NA	NA	3371.05	
MW 13	05/24/12	3431.13	ND	60.09	ND	NA	NA	NA	3371.04	
MW 13	07/18/12	3431.13	ND	60.31	ND	NA	NA	NA	3370.82	
MW 13	07/25/12	3431.13	ND	60.28	ND	NA	NA	20.00	3370.85	

TAE

HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.

Hugh Gathering

SRS #2002-10235

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 (ft)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW 13	07/25/12	3431.13	ND	60.62	ND	NA	NA	NA	3370.51	
MW 13	07/31/12	3431.13	NG	NG	NG	NA	NA	NA	NG	
MW 13	09/12/12	3431.13	ND	60.35	ND	NA	NA	NA	3370.78	
MW 13	10/16/12	3431.13	ND	60.35	ND	NA	NA	NA	3370.78	
MW 13	11/19/12	3431.13	ND	60.43	ND	NA	NA	NA	3370.70	
MW 13	12/11/12	3431.13	ND	60.44	ND	NA	NA	NA	3370.69	
Tank	03/28/07	NA	Sheen	5.18	Sheen	NA	NA	NA	NA	
Tank	07/19/07	NA	4.63	4.65	0.02	NA	NA	NA	NA	
Tank	12/17/08	NA	3.14			NA	NA	NA	NA	Before
Tank	12/17/08	NA	4.50			NA	NA	NA	NA	After

NA: Not applicable

ND: Not detected

NG: Not gauged

TABLE 3
2012 GROUNDWATER ANALYTICAL RESULTS

Plains Marketing, L.P.
 Hugh Gathering
 SRS #2002-10235
 Lea County, New Mexico

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
		NMOCD Remediation Criteria			
		0.01	0.750	0.750	0.620
MW-1	02/23/12	NS	NS	NS	NS
MW-1	05/24/12	3.6	1.5	0.8	1.7
MW-1	09/12/12	NS	NS	NS	NS
MW-1	11/19/12	NS	NS	NS	NS
MW-2	02/23/12	NS	NS	NS	NS
MW-2	05/24/12	1.9	0.061	0.41	0.4
MW-2	09/12/12	NS	NS	NS	NS
MW-2	11/19/12	NS	NS	NS	NS
MW-4	02/23/12	NS	NS	NS	NS
MW-4	05/24/12	0.38	<0.0050	0.25	0.076
MW-4	09/12/12	NS	NS	NS	NS
MW-4	11/19/12	NS	NS	NS	NS
MW-5	02/23/12	0.0014	0.0046	0.076	0.038
MW-5	05/24/12	0.0026	0.0032	0.14	0.065
MW-5	09/12/12	0.0013	0.0025	0.097	0.043
MW-5	11/19/12	0.0011	<0.001	0.056	0.014
MW-6	02/23/12	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	05/24/12	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	09/12/12	0.00056 J	<0.0010	<0.0010	<0.0030
MW-6	11/19/12	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	02/23/12	0.007	<0.0010	<0.0010	<0.0030
MW-7	05/24/12	0.014	<0.0010	<0.0010	<0.0030
MW-7	09/12/12	0.018	<0.0010	<0.0010	0.0016 J
MW-7	11/19/12	<0.001	<0.0010	<0.0010	<0.0030
MW-8	02/23/12	NS	NS	NS	NS
MW-8	05/24/12	3.7	<0.001	0.49	0.39
MW-8	09/12/12	NS	NS	NS	NS
MW-8	11/19/12	NS	NS	NS	NS
MW-9	02/23/12	NS	NS	NS	NS
MW-9	05/24/12	6.0	3.0	1.1	2.2
MW-9	09/12/12	NS	NS	NS	NS
MW-9	11/19/12	NS	NS	NS	NS

TABLE 3
2012 GROUNDWATER ANALYTICAL RESULTS

Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
Lea County, New Mexico

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylenes (mg/L)
		NMOCD Remediation Criteria			
		0.01	0.750	0.750	0.620
MW-10	02/23/12	NS	NS	NS	NS
MW-10	05/24/12	0.28	0.0083	0.059	0.057
MW-10	09/12/12	NS	NS	NS	NS
MW-10	11/19/12	NS	NS	NS	NS
MW-11	02/23/12	<0.0010	<0.0010	<0.0010	<0.0030
MW-11	05/24/12	<0.0010	<0.0010	<0.0010	<0.0030
MW-11	09/12/12	0.0015	<0.0010	<0.0010	<0.0030
MW-11	11/19/12	<0.001	<0.0010	<0.0010	<0.0030
MW-12	02/23/12	0.32	<0.0050	<0.0050	0.025
MW-12	05/24/12	0.32	<0.0010	<0.0010	0.03
MW-12	09/12/12	0.25	<0.0010	<0.0010	0.023
MW-12	11/19/12	0.0022	<0.0010	<0.0010	<0.0030
MW-13	02/23/12	0.66	<0.0050	<0.0050	<0.015
MW-13	05/24/12	0.81	<0.0050	<0.0050	<0.015
MW-13	09/12/12	0.63	<0.0050	<0.0050	3.6 J
MW-13	11/19/12	0.01	<0.0010	<0.0010	<0.0030

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

TABLE 4
GROUNDWATER ANALYTICAL RESULTS

Plains Marketing, L.P.

Hugh Gathering

SRS #2002-10235

Lea County, New Mexico

Well Number	Sample Date	MTBE (mg/L)	SW 846-8021B				Total Dissolved Solids
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	
NMOC Remediation Criteria							
0.010	0.750	0.750	0.620				
MW-1	02/23/12	NA	NS	NS	NS	NS	
MW-1	05/24/12	NA	3.6	1.5	0.8	1.7	
MW-1	09/12/12	NA	NS	NS	NS	NS	
MW-1	11/19/12	NA	NS	NS	NS	NS	
MW-2	06/03/11	NA	1.8	0.14	0.22	0.27	
MW-2	02/23/12	NA	NS	NS	NS	NS	
MW-2	05/24/12	NA	1.9	0.061	0.41	0.4	
MW-2	09/12/12	NA	NS	NS	NS	NS	
MW-2	11/19/12	NA	NS	NS	NS	NS	
MW-4	06/03/11	NA	0.59	0.0018	0.26	0.16	
MW-4	02/23/12	NA	NS	NS	NS	NS	
MW-4	05/24/12	NA	0.38	<0.0050	0.250	0.076	
MW-4	09/12/12	NA	NS	NS	NS	NS	
MW-4	11/19/12	NA	NS	NS	NS	NS	
MW-5	03/01/07	NA	0.1720 ^a	0.0062	0.1380	0.0900	
MW-5	06/01/07	NA	0.1210	0.0101	0.1030	0.0608	
MW-5	09/06/07	NA	0.0477	0.0113	0.0523	0.0335	
MW-5	11/13/07	NA	0.0775	0.0285	0.0906	0.0531	
MW-5	02/26/08	NA	0.00097 ^J	<0.00023	0.0031	<0.00055	
MW-5	05/29/08	NA	0.05730	0.0134	0.0804	0.0625	
MW-5	08/18/08	NA	0.01010	0.0039	0.0349	0.0194	
MW-5	11/20/08	NA	0.0290	0.00670	0.0827	0.0307	
MW-5	02/18/09	NA	0.0256	0.00220	0.1090	0.0403	
MW-5	05/20/09	NA	0.0131	0.00150	0.0589	0.02430 ^b	
MW-5	08/27/09	NA	0.0073	<0.000188	0.0452	0.01360	
MW-5	11/17/09	<0.000160	0.00600	0.000500 ^J	0.0408	0.0157	
MW-5	02/11/10	NA	0.00770	<0.000208	0.0596	0.0225	
MW-5	05/12/10	NA	0.013	0.001700	0.0880	0.0420	
MW-5	08/26/10	NA	0.0026	<0.00020	0.0340	0.011	
MW-5	11/18/10	NA	0.0043	<0.0002	0.0570	0.021	
MW-5	02/24/11	NA	0.002	<0.0010	0.0370	0.015	
MW-5	06/03/11	NA	0.0011	<0.0010	0.0071	0.022	
MW-5	08/29/11	NA	0.0019	0.0036 ^P	0.068	0.029	
MW-5	11/29/11	NA	<0.0010	0.0023	0.074	0.028	
MW-5	02/23/12	NA	0.0014	0.0046	0.076	0.038	
MW-5	05/24/12	NA	0.0026	0.0032	0.140	0.065	
MW-5	09/12/12	NA	0.0013	0.0025	0.097	0.043	
MW-5	11/19/12	NA	0.0011	<0.001	0.056	0.014	
MW-6	03/01/07	NA	<0.00035	<0.00020	<0.00033	<0.00036	
MW-6	06/01/07	NA	<0.00021	<0.00023	<0.00035	<0.00055	
MW-6	09/06/07	NA	<0.00021	<0.00023	<0.00035	<0.00055	
MW-6	11/13/07	NA	<0.0005	<0.0005	<0.0005	<0.001	
MW-6	02/26/08	NA	<0.00021	<0.00023	<0.00035	<0.00055	
MW-6	05/29/08	NA	<0.00021	<0.00023	<0.00035	<0.00055	
MW-6	08/18/08	NA	<0.0005	<0.0005	<0.0005	<0.001	
MW-6	11/20/08	NA	<0.00100	<0.00100	<0.00100	<0.00100	

TABLE 4
GROUNDWATER ANALYTICAL RESULTS

Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
Lea County, New Mexico

Well Number	Sample Date	MTBE (mg/L)	SW 846-8021B				Total Dissolved Solids
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	
			NMOCD Remediation Criteria				
			0.010	0.750	0.750	0.620	
MW-6	02/18/09	NA	<0.00100	<0.00100	0.0019	<0.00100	
MW-6	05/20/09	NA	<0.000149	<0.000188	<0.000178	<0.000163	
MW-6	08/27/09	NA	<0.000149	<0.000188	<0.000178	<0.000163	
MW-6	11/17/09	<0.000160	<0.000133	<0.000281	<0.000535	<0.000960	
MW-6	02/11/10	NA	<0.000208	<0.000208	<0.000303	<0.000326	
MW-6	05/12/10	NA	<0.00020	<0.00020	0.00039 J	<0.00070	
MW-6	08/26/10	NA	<0.00020	<0.00020	<0.00020	<0.00070	
MW-6	11/18/10	NA	<0.00020	<0.00020	<0.00020	<0.00070	
MW-6	02/24/11	NA	<0.0010	<0.0010	<0.0010	<0.0030	
MW-6	06/03/11	NA	<0.0010	<0.0010	<0.0010	<0.0030	
MW-6	08/29/11	NA	<0.0010	<0.0010	<0.0010	<0.0030	
MW-6	11/29/11	NA	<0.0010	<0.0010	<0.0010	<0.0030	
MW-6	02/23/12	NA	<0.0010	<0.0010	<0.0010	<0.0030	
MW-6	05/24/12	NA	<0.0010	<0.0010	<0.0010	<0.0030	
MW-6	09/12/12	NA	0.00056 J	<0.0010	<0.0010	<0.0030	
MW-6	11/19/12	NA	<0.001	<0.0010	<0.0010	<0.0030	
MW 7	03/01/07	NA	<0.00035	<0.00020	<0.00033	<0.00036	
MW 7	06/01/07	NA	<0.00021	<0.00023	<0.00035	<0.00055	
MW 7	09/06/07	NA	<0.00021	<0.00023	<0.00035	<0.00055	
MW 7	11/13/07	NA	<0.0005	<0.0005	<0.0005	<0.001	
MW 7	02/26/08	NA	<0.00021	<0.00023	<0.00035	<0.00055	
MW 7	05/29/08	NA	<0.00021	<0.00023	<0.00035	<0.00055	
MW 7	08/18/08	NA	<0.0005	<0.0005	<0.0005	<0.001	
MW 7	11/20/08	NA	<0.00100	<0.00100	<0.00100	<0.00100	
MW 7	02/18/09	NA	<0.00100	<0.00100	<0.00100	<0.00100	
MW 7	05/20/09	NA	<0.000149	<0.000188	<0.000178	<0.000163	
MW 7	08/27/09	NA	0.0008 J	<0.000188	<0.000178	0.0014	
MW 7	11/17/09	<0.000160	0.0031	<0.000281	<0.000535	0.0039	
MW 7	02/11/10	NA	0.0026	<0.000208	<0.000303	0.0030	
MW 7	05/12/10	NA	0.0030	<0.00020	<0.00020	0.0025 J	
MW 7	08/26/10	NA	0.0052	<0.00020	<0.00020	0.0033	
MW 7	11/18/10	NA	0.0020	<0.00020	<0.00020	<0.0007	
MW 7	02/24/11	NA	0.0032	<0.0010	<0.0010	<0.0030	
MW 7	06/03/11	NA	0.0014	<0.0010	<0.0010	<0.0030	
MW 7	08/29/11	NA	0.0090	<0.0010	<0.0010	<0.0030	
MW 7	11/29/11	NA	0.0110	<0.0010	<0.0010	<0.0030	
MW 7	02/23/12	NA	0.0070	<0.0010	<0.0010	<0.0030	
MW 7	05/24/12	NA	0.014	<0.0010	<0.0010	<0.0030	
MW 7	09/12/12	NA	0.018	<0.0010	<0.0010	<0.0030	
MW 7	11/19/12	NA	<0.001	<0.0010	<0.0010	<0.0030	
MW-8	06/03/11	NA	3.9	0.014 P	0.49	0.59	
MW-8	02/23/12	NA	NS	NS	NS	NS	
MW-8	05/24/12	NA	3.7	<0.05	0.49	0.39	
MW-8	09/12/12	NA	NS	NS	NS	NS	
MW-8	11/19/12	NA	NS	NS	NS	NS	
MW-9	06/03/11	NA	1.2	0.53	0.27	0.51	
MW-9	02/23/12	NA	NS	NS	NS	NS	

TABLE 4
GROUNDWATER ANALYTICAL RESULTS

Plains Marketing, L.P.

Hugh Gathering

SRS #2002-10235

Lea County, New Mexico

Well Number	Sample Date	MTBE (mg/L)	SW 846-8021B				Total Dissolved Solids
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	
NMOCD Remediation Criteria							
0.010	0.750	0.750	0.620				
MW-9	05/24/12	NA	6.0	3.0	1.1	2.2	
MW-9	09/12/12	NA	NS	NS	NS	NS	
MW-9	11/19/12	NA	NS	NS	NS	NS	
MW-10	06/03/11	NA	0.54	0.11	0.1	0.15	
MW-10	02/23/12	NA	NS	NS	NS	NS	
MW-10	05/24/12	NA	0.28	0.0083	0.059	0.057	
MW-10	09/12/12	NA	NS	NS	NS	NS	
MW-10	11/19/12	NA	NS	NS	NS	NS	
MW 11	03/01/07	NA	<0.00035	<0.00020	<0.00033	<0.00036	
MW 11	06/01/07	NA	<0.00021	<0.00023	<0.00035	<0.00055	
MW 11	09/06/07	NA	<0.00021	<0.00023	<0.00035	<0.00055	
MW 11	11/13/07	NA	<0.0005	<0.0005	<0.0005	<0.001	
MW 11	02/26/08	NA	<0.00021	<0.00023	<0.00035	<0.00055	
MW 11	05/29/08	NA	<0.00021	0.0003 J	<0.00035	<0.00055	
MW 11	08/18/08	NA	<0.0005	<0.0005	<0.0005	<0.001	
MW 11	11/20/08	NA	<0.00100	<0.00100	<0.00100	<0.00100	
MW 11	02/18/09	NA	<0.00100	<0.00100	<0.00100	<0.00100	
MW 11	05/20/09	NA	<0.000149	<0.000188	<0.000178	<0.000163	
MW 11	08/27/09	NA	<0.000149	<0.000188	<0.000178	<0.000163	
MW 11	11/17/09	<0.000160	<0.000133	<0.000281	<0.000535	<0.000960	
MW 11	02/11/10	NA	<0.000208	<0.000208	<0.000303	<0.000326	
MW 11	05/12/10	NA	0.00027 J	<0.00020	<0.00020	<0.00070	
MW 11	08/26/10	NA	<0.00020	<0.00020	<0.00020	<0.00070	
MW 11	11/18/10	NA	<0.00020	<0.00020	<0.00020	<0.00070	
MW 11	02/24/11	NA	<0.0010	<0.0010	<0.0010	<0.0030	
MW 11	06/03/11	NA	<0.0010	<0.0010	<0.0010	<0.0030	
MW 11	08/29/11	NA	<0.0010	<0.0010	<0.0010	<0.0030	
MW 11	11/29/11	NA	<0.0010	<0.0010	<0.0010	<0.0030	
MW 11	02/23/12	NA	<0.0010	<0.0010	<0.0010	<0.0030	
MW 11	05/24/12	NA	<0.0010	<0.0010	<0.0010	<0.0030	
MW 11	09/12/12	NA	0.0015	<0.0010	<0.0010	<0.0030	
MW 11	11/19/12	NA	<0.001	<0.0010	<0.0010	<0.0030	
MW 12	03/01/07	NA	<0.00035	<0.00020	<0.00033	<0.00036	
MW 12	06/01/07	NA	<0.00021	<0.00023	<0.00035	<0.00055	
MW 12	09/06/07	NA	<0.00021	<0.00023	<0.00035	<0.00055	
MW 12	11/13/07	NA	<0.0005	<0.0005	<0.0005	<0.001	
MW 12	02/26/08	NA	<0.00021	<0.00023	<0.00035	<0.00055	
MW 12	05/29/08	NA	<0.00021	<0.00023	<0.00035	<0.00055	
MW 12	08/18/08	NA	<0.0005	<0.0005	<0.0005	<0.001	
MW 12	11/20/08	NA	<0.00100	<0.00100	<0.00100	<0.00100	
MW 12	02/18/09	NA	<0.00100	<0.00100	<0.00100	<0.00100	
MW 12	05/20/09	NA	0.0171	<0.000188	<0.000178	0.0019	
MW 12	08/27/09	NA	0.0281	<0.00094	<0.00089	<0.000815	
MW 12	11/17/09	<0.000160	0.0359	<0.000281	<0.000535	<0.000960	
MW 12	02/11/10	NA	<0.000208	<0.000208	<0.000303	<0.000326	
MW 12	05/12/10	NA	0.48	<0.00020	<0.00020	<0.00070	
MW 12	08/26/10	NA	0.23	<0.00020	<0.00020	<0.00070	

TABLE 4
GROUNDWATER ANALYTICAL RESULTS

Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
Lea County, New Mexico

Well Number	Sample Date	MTBE (mg/L)	SW 846-8021B				Total Dissolved Solids
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	
			NMOCD Remediation Criteria				
			0.010	0.750	0.750	0.620	
MW 12	11/18/10	NA	0.17	<0.00020	<0.00020	0.0060	
MW 12	02/24/11	NA	0.88	<0.0010	<0.0010	0.039	
MW 12	06/03/11	NA	0.20	<0.0010	<0.0010	0.013	
MW 12	08/29/11	NA	0.25	<0.0010	<0.0010	0.033	
MW 12	11/29/11	NA	0.36	<0.0010	<0.0010	0.021	
MW 12	02/23/12	NA	0.32	<0.0050	<0.0050	0.025	
MW 12	05/24/12	NA	0.32	<0.0050	<0.0050	0.030	
MW 12	09/12/12	NA	0.25	<0.0010	<0.0010	0.023	
MW 12	11/19/12	NA	0.0022	<0.0010	<0.0010	<0.0030	
MW 13	11/20/08	NA	1.51	<0.0100	<0.0100	0.126	
MW 13	02/18/09	NA	0.923	<0.00100	<0.00100	0.0456	
MW 13	05/20/09	NA	1.56	<0.00562	<0.0107	0.1190	
MW 13	08/27/09	NA	2.73	<0.0166	<0.0115	0.1770	
MW 13	11/17/09	<0.0150	2.52	<0.00664	<0.00460	0.112	
MW 13	02/11/10	NA	2.60	<0.00400	<0.00430	0.099	
MW 13	05/12/10	NA	2.00	0.00066 J	0.0010	0.075	
MW 13	08/26/10	NA	0.96	<0.00020	<0.00020	0.069	
MW 13	11/18/10	NA	1.10	<0.00020	<0.00020	0.0440	
MW 13	02/24/11	NA	0.72	<0.0010	<0.0010	0.045	
MW 13	06/03/11	NA	0.32	<0.0010	<0.0010	0.020	
MW 13	08/29/11	NA	0.11	<0.0010	<0.0010	0.0086 P	
MW 13	11/29/11	NA	0.25	<0.0010	<0.0010	0.005	
MW 13	02/23/12	NA	0.66	<0.0050	<0.0050	<0.015	
MW 13	05/24/12	NA	0.81	<0.0050	<0.0050	<0.015	
MW 13	09/12/12	NA	0.63	<0.0050	<0.0050	3.6 J	
MW 13	11/19/12	NA	0.01	<0.0010	<0.0010	<0.0030	

NMOCD: New Mexico Oil Conservation Division

Exceedences of NMOCD Remediation Criteria are shown in **bold**

^a Result is from run #2

^b Laboratory control spike recovery outside control limits, all reportable hits are considered to be an estimated concentration

J: Analyte detected below method detection limit (MDL) but above sample detection limit (SDL)

P: Dual Column results percent difference > 40%

TABLE 5
GROUNDWATER ANALYTICAL RESULTS for PAHs
Plains Marketing, L.P.
Hugh Gathering
SRS #2002-10235
Lea County, New Mexico

Monitoring Well	Sample Date	Lab ID	Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)-anthracene	Chrysene	Benzo (b)-fluoranthene	Benzo (j,k) fluoranthene	benzo(a) pyrene	Indeno(1,2,3-cd)pyrene	Dibenzofuran	Dibenz(a,h)-anthracene	Benzo(g,h,i)=perylene	1-Methylnaphthalene	2-Methylnaphthalene	Total Methylnaphthalene	TPH-GRO (C6-C10)	TPH (C10-C28)	TPH (C28-C35)
NMOC	Target Level 30 ug/L		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Other regulatory limits (Tap Water) *			***		365	243	1100	1830	1460	183	0.91	29.1	0.91	9.1	0.7**	0.91			0.091			***			
MW-1	5/24/2012	12051184-01	737	22.9	22.1	59.6	197	22.1	6.81	2.25	<1.90	25	<1.90	<1.90	<1.90	<1.90			<1.90						
MW-2	5/24/2012	12051184-02	59.4	0.471	0.555	2.23	4.64	<0.0959	<0.0959	<0.0959	<0.0959	0.567	<0.0959	<0.0959	<0.0959	<0.0959			<0.0959						
MW-4	5/24/2012	12051184-03	150	1.54	1.54	6.67	19.6	<0.0962	<0.0962	<0.0962	<0.0962	2.38	<0.0962	<0.0962	<0.0962	<0.0962			<0.0962						
MW-7	5/24/2012	12051184-06	0.356	<0.0982	<0.0982	<0.0982	<0.0982	<0.0982	<0.0982	<0.0982	<0.0982	<0.0982	<0.0982	<0.0982	<0.0982	<0.0982			<0.0982						
MW-8	6/1/2007	NA	Not Sampled due to PSH																						
MW-8	5/25/2008	T22388-8	273	<16.0	<15.0	<21.0	68.2	<18.0	<16.0	<11.0	<14.0	<130	<15.0	<16.0	<16.0	<24.0			<13.0	<25.0		512	26.1	157	
MW-8	5/27/2009	9060112	68.5	<0.353	<0.654	<0.262	7.05	<0.404	<0.404	<0.229	<0.151	<0.456	<0.315	<0.382	<0.253	<0.400	5.05		<0.279	<0.314		59.6	117.1	18.9	<0.876
MW-8	5/12/2010	1005465-08	40	0.47	0.62	1.9	4.5	0.37	<0.070	<0.070	<0.070	0.67	<0.090	<0.10	<0.080	<0.10	3.3		<0.080	<0.090		39	74	26	23
MW-8	5/24/2012	12051184-07	73.4	0.253	0.326	1.14	3.16	<0.0962	<0.0962	<0.0962	<0.0962	0.445	<0.0962	<0.0962	<0.0962	<0.0962			<0.0962	<0.0962					5.3
MW-9	3/2/2006	NA	Not Sampled due to PSH																						
MW-9	6/1/2007	NA	Not Sampled due to PSH																						
MW-9	5/25/2008	T22388-9	5.3	<1.6	<1.5	<2.1	19.1 J	<1.8	<1.6	<1.1	<1.4	<1.3	<1.5	<1.6	<1.6	<2.4			<1.3	<2.5		6.2	2.17	7.62	
MW-9	5/27/2009	9060112	7.63	<0.0710	<0.131	<0.0527	1.51	<0.0811	<0.0883	<0.0460	<0.0304	<0.0917	<0.0633	<0.0768	<0.0508	<0.0805	1.14		<0.0560	<0.0631		7.67	16.16	2.12	<0.876
MW-9	5/12/2010	1005465-10	0.68	<0.070	<0.090	0.13 J	0.34	<0.070	<0.070	<0.070	<0.070	<0.070	<0.090	<0.10	<0.080	<0.10	0.22		<0.080	<0.090		0.43	35	93	18
MW-9	5/24/2012	12051184-08	1280	19.0	16.4	64.6	284	19.6	<1.98	<1.98	<1.98	54.2	<1.98	<1.98	<1.98	<1.98			<1.98	<1.98					
MW-10	3/2/2006	NA	Not Sampled due to PSH																						
MW-10	6/1/2007	NA	Not Sampled due to PSH																						
MW-10	5/25/2008	T22388-10	5.3	<1.6	<1.5	<2.1	1.9 J	<1.8	<1.6	<1.1	<1.4	<1.3	<1.5	<1.6	<1.6	<2.4			<1.3	<2.5		6.2	2.17	7.62	
MW-10	5/27/2009	9060112	7.63	<0.0710	<0.131	<0.0527	1.51	<0.0811	<0.0883	<0.0460	<0.0304	<0.0914	<0.0633	<0.0768	<0.0508	<0.0805	1.14		<0.0560	<0.0631		7.67	16.16	2.12	<0.876
MW-10	5/12/2010	1005465-10	0.68	<0.070	<0.090	0.13 J	0.34	<0.070	<0.070	<0.070	<0.070	<0.070	<0.090	<0.10	<0.080	<0.10	0.22		<0.080	<0.090		0.43	35	93	18
MW-10	5/24/2012	12051184-09	0.0282	0.36	0.454	1.52	3.13	<0.0968	<0.0968	<0.0968	<0.0968	0.355	<0.0968	<0.0968	<0.0968	<0.0968			<0.0968	<0.0968					
MW-11	3/2/2006	177443	0.577	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			<0.05	<0.05					
MW-11	3/1/2007	T17665	<1.6	<2.4	<2.3	<2.3	<2.7	<2.7	<2.9	<3.6	<3.6	<3.2	<2.8	<3.0	<3.0	<2.5			<2.9	<2.7					
MW-12	3/2/2006	177461	0.548	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			<0.05	<0.05					
MW-12	6/1/2007	T17665	<1.6	<2.4	<2.3	<2.3	<2.7	<2.7	<2.9	<3.6	<3.6	<3.2	<2.8	<3.0	<3.0	<2.5			<2.9	<2.7					
MW-12	5/24/2012	12051184-11	5.91	<0.0982	<0.0982	0.186	0.267	<0.0982	<0.0982	<0.0982	<0.0982	<0.0982	<0.0982	<0.0982	<0.0982	<0.0982			<0.0982	<0.0982					
MW-13	12/7/2011	111225-01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			<0.002	<0.002					
MW-13	5/24/2012	12051184-12	7.75	<0.0948	<0.0948	0.254	0.563	0.138	<0.0948	<0.0948	<0.0948	<0.0948	<0.0948	<0.0948	<0.0948	<0.0948			<0.0948	<0.0948					

NMOC: New Mexico Oil Conservation Division
Exceedences of NMOC Remediation Criteria are shown in **bold**
^a Result is from run #2
^b Laboratory control spike recovery outside control limits, all reportable hits are considered to be an estimated concentration
J: Analyte detected below method detection limit (MDL) but above sample detection limit (SDL)
P: Dual Column results percent difference > 40%

TABLE 6
 PSH and Dissolved Phase Groundwater Recovery 2012
 Plains Marketing, L.P.
 Hugh Gathering
 SRS #2002-10235
 Lea County, New Mexico

Well	PSH Recovered (gallons)	Groundwater Recovered (gallons)	Total Fluids Recovered (gallons)
MW-1	16.6	177.5	194.1
MW-2	2.21	373.66	375.87
MW-4	0.3	44.7	45
MW-8	0.1	5	5.1
MW-9	10.15	526.25	536.4
MW-10	0.6	69.8	70.4
Totals for 2012	29.96	1196.91	1226.87

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

Appendix A

2012 LABORATORY ANALYTICAL DATA

1st Quarter 2012 – Sample ID# 1202873

2nd Quarter 2012 – Sample ID# 12051130

3rd Quarter 2012 – Sample ID# 1209743

4th Quarter 2012 – Sample ID# 1211764

And

2012 Chain of Custody Documentation



28-Feb-2012

Kathleen Buxton
EarthCon Consultants, Inc.
4800 Sugar Grove Blvd.
Suite 390
Houston, TX 77477

Tel: (281) 240-5200
Fax: (281) 240-5201

Re: Hugh Gathering

Work Order: **1202872**

Dear Kathleen,

ALS Environmental received 7 samples on 24-Feb-2012 09:12 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 15.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Electronically approved by: Yvan K. Ty

Patricia L. Lynch
Project Manager



Certificate No: TX: T104704231-11-5

Client: EarthCon Consultants, Inc.
Project: Hugh Gathering
Work Order: 1202872

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
1202872-01	MW 5	Groundwater		2/23/2012 14:10	2/24/2012 09:12	☐
1202872-02	MW 6	Groundwater		2/23/2012 14:00	2/24/2012 09:12	☐
1202872-03	MW 7	Groundwater		2/23/2012 14:05	2/24/2012 09:12	☐
1202872-04	MW 11	Groundwater		2/23/2012 14:15	2/24/2012 09:12	☐
1202872-05	MW 12	Groundwater		2/23/2012 14:20	2/24/2012 09:12	☐
1202872-06	MW 13	Groundwater		2/23/2012 14:25	2/24/2012 09:12	☐
1202872-07	Trip Blank - 020112-19	Water		2/23/2012	2/24/2012 09:12	☒

ALS Environmental*Date: 29-Feb-12***Client:** EarthCon Consultants, Inc.**Project:** Hugh Gathering**Work Order:** 1202872**Case Narrative**

A trip blank was received and placed on hold since it was not requested on the chain of custody.

Results are reported from 5-fold dilutions in samples MW12 and MW13 due to the concentration of benzene in these samples.

LS Environmental

Date: 28-Feb-12

Client: EarthCon Consultants, Inc.

Project: Hugh Gathering

Sample ID: MW 5

Collection Date: 2/23/2012 02:10 PM

Work Order: 1202872

Lab ID: 1202872-01

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
BTEX			SW8021B			Analyst: SMA
Benzene	0.0014		0.0010	mg/L	1	2/28/2012 04:35 AM
Toluene	0.0046		0.0010	mg/L	1	2/28/2012 04:35 AM
Ethylbenzene	0.076		0.0010	mg/L	1	2/28/2012 04:35 AM
Xylenes, Total	0.038		0.0030	mg/L	1	2/28/2012 04:35 AM
Surr: 4-Bromofluorobenzene	119		77-129	%REC	1	2/28/2012 04:35 AM
Surr: Trifluorotoluene	116		75-130	%REC	1	2/28/2012 04:35 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

LS Environmental**Date:** 28-Feb-12**Client:** EarthCon Consultants, Inc.**Project:** Hugh Gathering**Work Order:** 1202872**Sample ID:** MW 6**Lab ID:** 1202872-02**Collection Date:** 2/23/2012 02:00 PM**Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
BTEX			SW8021B			Analyst: SMA
Benzene	ND		0.0010	mg/L	1	2/28/2012 04:54 AM
Toluene	ND		0.0010	mg/L	1	2/28/2012 04:54 AM
Ethylbenzene	ND		0.0010	mg/L	1	2/28/2012 04:54 AM
Xylenes, Total	ND		0.0030	mg/L	1	2/28/2012 04:54 AM
Surr: 4-Bromofluorobenzene	110		77-129	%REC	1	2/28/2012 04:54 AM
Surr: Trifluorotoluene	107		75-130	%REC	1	2/28/2012 04:54 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

LS Environmental

Date: 28-Feb-12

Client: EarthCon Consultants, Inc.

Project: Hugh Gathering

Work Order: 1202872

Sample ID: MW 7

Lab ID: 1202872-03

Collection Date: 2/23/2012 02:05 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
BTEX			SW8021B			Analyst: SMA
Benzene	0.0070		0.0010	mg/L	1	2/28/2012 05:12 AM
Toluene	ND		0.0010	mg/L	1	2/28/2012 05:12 AM
Ethylbenzene	ND		0.0010	mg/L	1	2/28/2012 05:12 AM
Xylenes, Total	ND		0.0030	mg/L	1	2/28/2012 05:12 AM
Surr: 4-Bromofluorobenzene	109		77-129	%REC	1	2/28/2012 05:12 AM
Surr: Trifluorotoluene	108		75-130	%REC	1	2/28/2012 05:12 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

LS Environmental

Date: 28-Feb-12

Client: EarthCon Consultants, Inc.

Project: Hugh Gathering

Work Order: 1202872

Sample ID: MW 11

Lab ID: 1202872-04

Collection Date: 2/23/2012 02:15 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
BTEX			SW8021B			Analyst: SMA
Benzene	ND		0.0010	mg/L	1	2/28/2012 06:08 AM
Toluene	ND		0.0010	mg/L	1	2/28/2012 06:08 AM
Ethylbenzene	ND		0.0010	mg/L	1	2/28/2012 06:08 AM
Xylenes, Total	ND		0.0030	mg/L	1	2/28/2012 06:08 AM
Surr: 4-Bromofluorobenzene	107		77-129	%REC	1	2/28/2012 06:08 AM
Surr: Trifluorotoluene	106		75-130	%REC	1	2/28/2012 06:08 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental**Date:** 28-Feb-12**Client:** EarthCon Consultants, Inc.**Project:** Hugh Gathering**Work Order:** 1202872**Sample ID:** MW 12**Lab ID:** 1202872-05**Collection Date:** 2/23/2012 02:20 PM**Matrix:** GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
BTEX			SW8021B			Analyst: SMA
Benzene	0.32		0.0050	mg/L	5	2/28/2012 06:27 AM
Toluene	ND		0.0050	mg/L	5	2/28/2012 06:27 AM
Ethylbenzene	ND		0.0050	mg/L	5	2/28/2012 06:27 AM
Xylenes, Total	0.025		0.015	mg/L	5	2/28/2012 06:27 AM
Surr: 4-Bromofluorobenzene	111		77-129	%REC	5	2/28/2012 06:27 AM
Surr: Trifluorotoluene	111		75-130	%REC	5	2/28/2012 06:27 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: 28-Feb-12

Client: EarthCon Consultants, Inc.

Project: Hugh Gathering

Work Order: 1202872

Sample ID: MW 13

Lab ID: 1202872-06

Collection Date: 2/23/2012 02:25 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
BTEX			SW8021B			Analyst: SMA
Benzene	0.66		0.0050	mg/L	5	2/28/2012 07:23 AM
Toluene	ND		0.0050	mg/L	5	2/28/2012 07:23 AM
Ethylbenzene	ND		0.0050	mg/L	5	2/28/2012 07:23 AM
Xylenes, Total	ND		0.015	mg/L	5	2/28/2012 07:23 AM
Surr: 4-Bromofluorobenzene	120		77-129	%REC	5	2/28/2012 07:23 AM
Surr: Trifluorotoluene	120		75-130	%REC	5	2/28/2012 07:23 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: 28-Feb-12

Client: EarthCon Consultants, Inc.

QC BATCH REPORT

Order: 1202872

Project: Hugh Gathering

Batch ID: R124012 Instrument ID BTEX1 Method: SW8021B

MBLK		Sample ID: BBLKW2-120227-R124012				Units: µg/L		Analysis Date: 2/28/2012 03:02 AM		
Client ID:		Run ID: BTEX1_120227C				SeqNo: 2701601		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 4-Bromofluorobenzene	32.37	1.0	30	0	108	77-129	0			
Surr: Trifluorotoluene	32.05	1.0	30	0	107	75-130	0			

LCS		Sample ID: BLCSW2-120227-R124012				Units: µg/L		Analysis Date: 2/28/2012 02:24 AM		
Client ID:		Run ID: BTEX1_120227C				SeqNo: 2701599		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.62	1.0	20	0	93.1	77-126	0			
Toluene	18.75	1.0	20	0	93.8	80-124	0			
Ethylbenzene	19.1	1.0	20	0	95.5	76-125	0			
Xylenes, Total	56.85	3.0	60	0	94.7	79-124	0			
Surr: 4-Bromofluorobenzene	31.89	1.0	30	0	106	77-129	0			
Surr: Trifluorotoluene	32.5	1.0	30	0	108	75-130	0			

LCSD		Sample ID: BLCSW2-120227-R124012				Units: µg/L		Analysis Date: 2/28/2012 02:43 AM		
Client ID:		Run ID: BTEX1_120227C				SeqNo: 2701600		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.25	1.0	20	0	96.3	77-126	18.62	3.32	20	
Toluene	19.4	1.0	20	0	97	80-124	18.75	3.38	20	
Ethylbenzene	19.66	1.0	20	0	98.3	76-125	19.1	2.86	20	
Xylenes, Total	58.86	3.0	60	0	98.1	79-124	56.85	3.47	20	
Surr: 4-Bromofluorobenzene	32.98	1.0	30	0	110	77-129	31.89	3.35	20	
Surr: Trifluorotoluene	33.31	1.0	30	0	111	75-130	32.5	2.45	20	

MS		Sample ID: 1202872-05AMS				Units: µg/L		Analysis Date: 2/28/2012 06:46 AM		
Client ID: MW 12		Run ID: BTEX1_120227C				SeqNo: 2701612		Prep Date:		DF: 5
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	408.5	5.0	100	316	92.5	77-126	0			
Toluene	90.84	5.0	100	0	90.8	80-124	0			
Ethylbenzene	90.82	5.0	100	0	90.8	76-125	0			
Xylenes, Total	307.6	15	300	24.78	94.3	79-124	0			
Surr: 4-Bromofluorobenzene	171.1	5.0	150	0	114	77-129	0			
Surr: Trifluorotoluene	174.1	5.0	150	0	116	75-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: EarthCon Consultants, Inc.
Work Order: 1202872
Project: Hugh Gathering

QC BATCH REPORT

Batch ID: **R124012** Instrument ID **BTEX1** Method: **SW8021B**

MSD Sample ID: **1202872-05AMSD** Units: **µg/L** Analysis Date: **2/28/2012 07:04 AM**

Client ID: **MW 12** Run ID: **BTEX1_120227C** SeqNo: **2701613** Prep Date: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	421.2	5.0	100	316	105	77-126	408.5	3.07	20	
Toluene	107.1	5.0	100	0	107	80-124	90.84	16.5	20	
Ethylbenzene	107.7	5.0	100	0	108	76-125	90.82	17	20	
Xylenes, Total	352.6	15	300	24.78	109	79-124	307.6	13.6	20	
Surr: 4-Bromofluorobenzene	168.8	5.0	150	0	113	77-129	171.1	1.33	20	
Surr: Trifluorotoluene	169.1	5.0	150	0	113	75-130	174.1	2.9	20	

The following samples were analyzed in this batch:

1202872-01A	1202872-02A	1202872-03A
1202872-04A	1202872-05A	1202872-06A

ALS Environmental

Date: 28-Feb-12

Client: EarthCon Consultants, Inc.

Project: Hugh Gathering

WorkOrder: 1202872

QUALIFIERS, ACRONYMS, UNITS

<u>Qualifier</u>	<u>Description</u>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

<u>Acronym</u>	<u>Description</u>
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

<u>Units Reported</u>	<u>Description</u>
mg/L	Milligrams per Liter

ALS Environmental

Sample Receipt Checklist

Client Name: **PREMIER ENV**

Date/Time Received: **24-Feb-12 09:12**

Work Order: **1202872**

Received by: **PMG**

Checklist completed by *Parish M. Giza*
eSignature

24-Feb-12
Date

Reviewed by: *Hector Coronado*
eSignature

27-Feb-12
Date

Matrices: Groundwater

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Temperature(s)/Thermometer(s):	<u>2.0</u> <u>002</u>		
Cooler(s)/Kit(s):	<u>2019</u>		
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☒
pH adjusted?	Yes ☐	No ☐	N/A ☒
pH adjusted by:	<u>-</u>		

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:

Customer Information						Project Information											
Purchase Order		Project Name	Hugh Gathering	A	BTEX (8021)												
Work-Order		Project Number	207032	B													
Company Name	Premier Environmental Services	Bill To Company	Plains All America, LP	C													
Send Report To	Kathleen Buxton	Invoice Attn		D													
Address	4800 Sugar Grove Blvd.	Address	c/o ENV. Accounts Payable	E													
	Suite 390		P.O. Box 4648	F													
City/State/Zip	Houston, TX 77477	City/State/Zip	Houston, TX 77210-4648	G													
Phone	(281) 240-5200	Phone	(713) 646-4610	H													
Fax	(281) 240-5201	Fax	(713) 646-4188	I													
e-Mail Address		e-Mail Address		J													
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW 5	2-23-11	14:10	Grw	HCL	3	X										
2	MW 6	/	14:00	/	/	/	/										
3	MW 7	/	14:05	/	/	/	/										
4	MW 11	/	14:15	/	/	/	/										
5	MW 12	/	14:20	/	/	/	/										
6	MW 13	/	14:35	/	/	/	/										
7																	
8																	
9																	
10																	

QC Packages: (Check One Box Below)
☒ Level II Std QC
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other / EDD

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.

2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.

3. The Chain of Custody is a legal document. All information must be completed accurately.

Copyright 2011 by ALS Environmental.

 House of PD Tel. +1 281 530 5856 Fax. +1 281 530 5867 207.	CUSTODY SEAL		Seal Broken By ☒
	Date: <u>2-23-72</u> Name: <u>Matthew Grubbs</u> Company: <u>EarthLink</u>	Time: <u>17:30</u>	Date: <u>2.24.12</u>

nu <u>2-2342</u>	FedEx Tracking Number <u>7 898941672170</u>
indor's me <u>Matthew Grubbs</u>	Phone
Company <u>EarthLink</u>	
Address <u>30 W. Industrial Blvd.</u>	Dept./Room/Suite/Room <u>2</u>
y <u>Midland</u>	State <u>TX</u> ZIP <u>79701</u>
our Internal Billing Reference <u>207092 Hugh Grubbs</u>	



05-Jun-2012

Kathleen Buxton
EarthCon Consultants, Inc.
4800 Sugar Grove Blvd.
Suite 390
Houston, TX 77477

Tel: (281) 240-5200
Fax: (281) 240-5201

Re: Hugh Gathering

Work Order: **12051184**

Dear Kathleen,

ALS Environmental received 13 samples on 26-May-2012 09:25 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 31.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Electronically approved by: Patricia L. Lynch

Patricia L. Lynch
Project Manager



Certificate No: TX: T104704231-12-10



www.alsglobal.com

RIGHT SOLUTIONS

Client: EarthCon Consultants, Inc.
Project: Hugh Gathering
Work Order: 12051184

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
12051184-01	MW1	Water		5/24/2012 17:15	5/26/2012 09:25	☐
12051184-02	MW2	Water		5/24/2012 16:55	5/26/2012 09:25	☐
12051184-03	MW4	Water		5/24/2012 16:35	5/26/2012 09:25	☐
12051184-04	MW5	Water		5/24/2012 15:00	5/26/2012 09:25	☐
12051184-05	MW6	Water		5/24/2012 14:45	5/26/2012 09:25	☐
12051184-06	MW7	Water		5/24/2012 14:15	5/26/2012 09:25	☐
12051184-07	MW8	Water		5/24/2012 13:35	5/26/2012 09:25	☐
12051184-08	MW9	Water		5/24/2012 17:05	5/26/2012 09:25	☐
12051184-09	MW10	Water		5/24/2012 13:55	5/26/2012 09:25	☐
12051184-10	MW11	Water		5/24/2012 15:15	5/26/2012 09:25	☐
12051184-11	MW12	Water		5/24/2012 15:20	5/26/2012 09:25	☐
12051184-12	MW13	Water		5/24/2012 15:35	5/26/2012 09:25	☐
12051184-13	trip blank	Water		5/24/2012	5/26/2012 09:25	☐

Client: EarthCon Consultants, Inc.
Project: Hugh Gathering
Work Order: 12051184

Case Narrative

Surrogate recoveries for PAHs in samples MW1 and MW9 are diluted out in the secondary (200X) dilutions.

PAH surrogate recoveries are above the control limits in the higher dilutions for samples MW2, MW4, MW8 and MW10 due to dilution. The recoveries are in control in the primary runs analyzed without dilution.

The PAH results for samples MW13 and MW12 are flagged with H indicating that the extraction holding times were exceeded. These samples were extracted within the seven day holding time, but the surrogate recoveries were low. The data for the second extraction are reported because the results for the PAH compounds confirm the data from the original extraction, and the surrogate recoveries are acceptable.

Batch 61547, PAHs: LCS/LCSD RPDs for several target compounds are above the control limits. All percent recoveries are in control.

LS Environmental

Date: 05-Jun-12

Client: EarthCon Consultants, Inc.

Project: Hugh Gathering

Sample ID: MW1

Collection Date: 5/24/2012 05:15 PM

Work Order: 12051184

Lab ID: 12051184-01

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
BTEX			SW8021B			Analyst: SMA
Benzene	3.6		0.050	mg/L	50	5/31/2012 04:02 AM
Toluene	1.5		0.050	mg/L	50	5/31/2012 04:02 AM
Ethylbenzene	0.80		0.050	mg/L	50	5/31/2012 04:02 AM
Xylenes, Total	1.7		0.15	mg/L	50	5/31/2012 04:02 AM
Surr: 4-Bromofluorobenzene	113		75-129	%REC	50	5/31/2012 04:02 AM
Surr: Trifluorotoluene	99.3		75-130	%REC	50	5/31/2012 04:02 AM
LOW-LEVEL PAHS			SW8270		Prep Date: 5/30/2012	Analyst: LG
Acenaphthene	22.1		1.90	µg/L	20	6/2/2012 02:40 AM
Acenaphthylene	22.9		1.90	µg/L	20	6/2/2012 02:40 AM
Anthracene	23.1		1.90	µg/L	20	6/2/2012 02:40 AM
Benz(a)anthracene	ND		1.90	µg/L	20	6/2/2012 02:40 AM
Benzo(a)pyrene	ND		1.90	µg/L	20	6/2/2012 02:40 AM
Benzo(b)fluoranthene	ND		1.90	µg/L	20	6/2/2012 02:40 AM
Benzo(g,h,i)perylene	ND		1.90	µg/L	20	6/2/2012 02:40 AM
Benzo(k)fluoranthene	ND		1.90	µg/L	20	6/2/2012 02:40 AM
Chrysene	25.0		1.90	µg/L	20	6/2/2012 02:40 AM
Dibenz(a,h)anthracene	ND		1.90	µg/L	20	6/2/2012 02:40 AM
Fluoranthene	6.81		1.90	µg/L	20	6/2/2012 02:40 AM
Fluorene	59.6		1.90	µg/L	20	6/2/2012 02:40 AM
Indeno(1,2,3-cd)pyrene	ND		1.90	µg/L	20	6/2/2012 02:40 AM
Naphthalene	737		19.0	µg/L	200	6/2/2012 10:28 PM
Phenanthrene	197		19.0	µg/L	200	6/2/2012 10:28 PM
Pyrene	2.25		1.90	µg/L	20	6/2/2012 02:40 AM
Surr: 2-Fluorobiphenyl	107		40-125	%REC	20	6/2/2012 02:40 AM
Surr: 2-Fluorobiphenyl	0	S	40-125	%REC	200	6/2/2012 10:28 PM
Surr: 4-Terphenyl-d14	126		40-135	%REC	20	6/2/2012 02:40 AM
Surr: 4-Terphenyl-d14	0	S	40-135	%REC	200	6/2/2012 10:28 PM
Surr: Nitrobenzene-d5	75.8		41-120	%REC	20	6/2/2012 02:40 AM
Surr: Nitrobenzene-d5	0	S	41-120	%REC	200	6/2/2012 10:28 PM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

LS Environmental

Date: 05-Jun-12

Client: EarthCon Consultants, Inc.

Project: Hugh Gathering

Sample ID: MW2

Collection Date: 5/24/2012 04:55 PM

Work Order: 12051184

Lab ID: 12051184-02

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
BTEX			SW8021B			Analyst: SMA
Benzene	1.9		0.020	mg/L	20	5/31/2012 08:45 PM
Toluene	0.061		0.020	mg/L	20	5/31/2012 08:45 PM
Ethylbenzene	0.41		0.020	mg/L	20	5/31/2012 08:45 PM
Xylenes, Total	0.40		0.060	mg/L	20	5/31/2012 08:45 PM
Surr: 4-Bromofluorobenzene	121		75-129	%REC	20	5/31/2012 08:45 PM
Surr: Trifluorotoluene	121		75-130	%REC	20	5/31/2012 08:45 PM
LOW-LEVEL PAHS			SW8270		Prep Date: 5/30/2012	Analyst: LG
Acenaphthene	0.555		0.0959	µg/L	1	5/31/2012 04:01 AM
Acenaphthylene	0.471		0.0959	µg/L	1	5/31/2012 04:01 AM
Anthracene	ND		0.0959	µg/L	1	5/31/2012 04:01 AM
Benz(a)anthracene	ND		0.0959	µg/L	1	5/31/2012 04:01 AM
Benzo(a)pyrene	ND		0.0959	µg/L	1	5/31/2012 04:01 AM
Benzo(b)fluoranthene	ND		0.0959	µg/L	1	5/31/2012 04:01 AM
benzo(g,h,i)perylene	ND		0.0959	µg/L	1	5/31/2012 04:01 AM
Benzo(k)fluoranthene	ND		0.0959	µg/L	1	5/31/2012 04:01 AM
Chrysene	0.567		0.0959	µg/L	1	5/31/2012 04:01 AM
Dibenz(a,h)anthracene	ND		0.0959	µg/L	1	5/31/2012 04:01 AM
Fluoranthene	ND		0.0959	µg/L	1	5/31/2012 04:01 AM
Fluorene	2.23		0.0959	µg/L	1	5/31/2012 04:01 AM
Indeno(1,2,3-cd)pyrene	ND		0.0959	µg/L	1	5/31/2012 04:01 AM
Naphthalene	59.4		0.959	µg/L	10	6/2/2012 12:43 AM
Phenanthrene	4.64		0.0959	µg/L	1	5/31/2012 04:01 AM
Pyrene	ND		0.0959	µg/L	1	5/31/2012 04:01 AM
Surr: 2-Fluorobiphenyl	110		40-125	%REC	1	5/31/2012 04:01 AM
Surr: 2-Fluorobiphenyl	137	S	40-125	%REC	10	6/2/2012 12:43 AM
Surr: 4-Terphenyl-d14	102		40-135	%REC	1	5/31/2012 04:01 AM
Surr: 4-Terphenyl-d14	133		40-135	%REC	10	6/2/2012 12:43 AM
Surr: Nitrobenzene-d5	86.6		41-120	%REC	1	5/31/2012 04:01 AM
Surr: Nitrobenzene-d5	102		41-120	%REC	10	6/2/2012 12:43 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

LS Environmental

Date: 05-Jun-12

Client: EarthCon Consultants, Inc.

Project: Hugh Gathering

Sample ID: MW4

Collection Date: 5/24/2012 04:35 PM

Work Order: 12051184

Lab ID: 12051184-03

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
BTEX			SW8021B			Analyst: SMA
Benzene	0.38		0.0050	mg/L	5	5/31/2012 05:13 AM
Toluene	ND		0.0050	mg/L	5	5/31/2012 05:13 AM
Ethylbenzene	0.25		0.0050	mg/L	5	5/31/2012 05:13 AM
Xylenes, Total	0.076		0.015	mg/L	5	5/31/2012 05:13 AM
Surr: 4-Bromofluorobenzene	106		75-129	%REC	5	5/31/2012 05:13 AM
Surr: Trifluorotoluene	100		75-130	%REC	5	5/31/2012 05:13 AM
LOW-LEVEL PAHS			SW8270		Prep Date: 5/30/2012	Analyst: LG
Acenaphthene	1.54		0.0962	µg/L	1	5/31/2012 04:20 AM
Acenaphthylene	1.54		0.0962	µg/L	1	5/31/2012 04:20 AM
Anthracene	ND		0.0962	µg/L	1	5/31/2012 04:20 AM
Benz(a)anthracene	ND		0.0962	µg/L	1	5/31/2012 04:20 AM
Benzo(a)pyrene	ND		0.0962	µg/L	1	5/31/2012 04:20 AM
Benzo(b)fluoranthene	ND		0.0962	µg/L	1	5/31/2012 04:20 AM
Benzo(g,h,i)perylene	ND		0.0962	µg/L	1	5/31/2012 04:20 AM
Benzo(k)fluoranthene	ND		0.0962	µg/L	1	5/31/2012 04:20 AM
Chrysene	2.38		0.0962	µg/L	1	5/31/2012 04:20 AM
Dibenz(a,h)anthracene	ND		0.0962	µg/L	1	5/31/2012 04:20 AM
Fluoranthene	ND		0.0962	µg/L	1	5/31/2012 04:20 AM
Fluorene	6.67		0.0962	µg/L	1	5/31/2012 04:20 AM
Indeno(1,2,3-cd)pyrene	ND		0.0962	µg/L	1	5/31/2012 04:20 AM
Naphthalene	150		2.41	µg/L	25	6/2/2012 01:02 AM
Phenanthrene	19.6		2.41	µg/L	25	6/2/2012 01:02 AM
Pyrene	ND		0.0962	µg/L	1	5/31/2012 04:20 AM
Surr: 2-Fluorobiphenyl	104		40-125	%REC	1	5/31/2012 04:20 AM
Surr: 2-Fluorobiphenyl	138	S	40-125	%REC	25	6/2/2012 01:02 AM
Surr: 4-Terphenyl-d14	97.7		40-135	%REC	1	5/31/2012 04:20 AM
Surr: 4-Terphenyl-d14	144	S	40-135	%REC	25	6/2/2012 01:02 AM
Surr: Nitrobenzene-d5	101		41-120	%REC	1	5/31/2012 04:20 AM
Surr: Nitrobenzene-d5	101		41-120	%REC	25	6/2/2012 01:02 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

LS Environmental

Date: 05-Jun-12

Client: EarthCon Consultants, Inc.

Project: Hugh Gathering

Sample ID: MW5

Collection Date: 5/24/2012 03:00 PM

Work Order: 12051184

Lab ID: 12051184-04

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
BTEX			SW8021B			Analyst: SMA
Benzene	0.0026		0.0010	mg/L	1	5/31/2012 05:31 AM
Toluene	0.0032		0.0010	mg/L	1	5/31/2012 05:31 AM
Ethylbenzene	0.14		0.0010	mg/L	1	5/31/2012 05:31 AM
Xylenes, Total	0.065		0.0030	mg/L	1	5/31/2012 05:31 AM
Surr: 4-Bromofluorobenzene	102		75-129	%REC	1	5/31/2012 05:31 AM
Surr: Trifluorotoluene	117		75-130	%REC	1	5/31/2012 05:31 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

LS Environmental

Date: 05-Jun-12

Client: EarthCon Consultants, Inc.

Project: Hugh Gathering

Sample ID: MW6

Collection Date: 5/24/2012 02:45 PM

Work Order: 12051184

Lab ID: 12051184-05

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
BTEX			SW8021B			Analyst: SMA
Benzene	ND		0.0010	mg/L	1	5/31/2012 09:03 PM
Toluene	ND		0.0010	mg/L	1	5/31/2012 09:03 PM
Ethylbenzene	ND		0.0010	mg/L	1	5/31/2012 09:03 PM
Xylenes, Total	ND		0.0030	mg/L	1	5/31/2012 09:03 PM
Surr: 4-Bromofluorobenzene	107		75-129	%REC	1	5/31/2012 09:03 PM
Surr: Trifluorotoluene	99.5		75-130	%REC	1	5/31/2012 09:03 PM

ote: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: 05-Jun-12

Client: EarthCon Consultants, Inc.

Project: Hugh Gathering

Sample ID: MW7

Collection Date: 5/24/2012 02:15 PM

Work Order: 12051184

Lab ID: 12051184-06

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
BTEX			SW8021B			Analyst: SMA
Benzene	0.014		0.0010	mg/L	1	5/31/2012 06:06 AM
Toluene	ND		0.0010	mg/L	1	5/31/2012 06:06 AM
Ethylbenzene	ND		0.0010	mg/L	1	5/31/2012 06:06 AM
Xylenes, Total	ND		0.0030	mg/L	1	5/31/2012 06:06 AM
Surr: 4-Bromofluorobenzene	114		75-129	%REC	1	5/31/2012 06:06 AM
Surr: Trifluorotoluene	99.0		75-130	%REC	1	5/31/2012 06:06 AM
LOW-LEVEL PAHS			SW8270		Prep Date: 5/30/2012	Analyst: LG
Acenaphthene	ND		0.0982	µg/L	1	5/31/2012 04:39 AM
Acenaphthylene	ND		0.0982	µg/L	1	5/31/2012 04:39 AM
Anthracene	ND		0.0982	µg/L	1	5/31/2012 04:39 AM
Benz(a)anthracene	ND		0.0982	µg/L	1	5/31/2012 04:39 AM
Benzo(a)pyrene	ND		0.0982	µg/L	1	5/31/2012 04:39 AM
Benzo(b)fluoranthene	ND		0.0982	µg/L	1	5/31/2012 04:39 AM
Benzo(g,h,i)perylene	ND		0.0982	µg/L	1	5/31/2012 04:39 AM
Benzo(k)fluoranthene	ND		0.0982	µg/L	1	5/31/2012 04:39 AM
Chrysene	ND		0.0982	µg/L	1	5/31/2012 04:39 AM
Dibenz(a,h)anthracene	ND		0.0982	µg/L	1	5/31/2012 04:39 AM
Fluoranthene	ND		0.0982	µg/L	1	5/31/2012 04:39 AM
Fluorene	ND		0.0982	µg/L	1	5/31/2012 04:39 AM
Indeno(1,2,3-cd)pyrene	ND		0.0982	µg/L	1	5/31/2012 04:39 AM
Naphthalene	0.356		0.0982	µg/L	1	5/31/2012 04:39 AM
Phenanthrene	ND		0.0982	µg/L	1	5/31/2012 04:39 AM
Pyrene	ND		0.0982	µg/L	1	5/31/2012 04:39 AM
Surr: 2-Fluorobiphenyl	104		40-125	%REC	1	5/31/2012 04:39 AM
Surr: 4-Terphenyl-d14	66.3		40-135	%REC	1	5/31/2012 04:39 AM
Surr: Nitrobenzene-d5	92.6		41-120	%REC	1	5/31/2012 04:39 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

LS Environmental

Date: 05-Jun-12

Client: EarthCon Consultants, Inc.

Project: Hugh Gathering

Work Order: 12051184

Sample ID: MW8

Lab ID: 12051184-07

Collection Date: 5/24/2012 01:35 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
BTEX			SW8021B		Analyst: SMA	
Benzene	3.7		0.050	mg/L	50	5/31/2012 06:24 AM
Toluene	ND		0.050	mg/L	50	5/31/2012 06:24 AM
Ethylbenzene	0.49		0.050	mg/L	50	5/31/2012 06:24 AM
Xylenes, Total	0.39		0.15	mg/L	50	5/31/2012 06:24 AM
Surr: 4-Bromofluorobenzene	117		75-129	%REC	50	5/31/2012 06:24 AM
Surr: Trifluorotoluene	114		75-130	%REC	50	5/31/2012 06:24 AM
LOW-LEVEL PAHS			SW8270		Prep Date: 5/30/2012	Analyst: LG
Acenaphthene	0.326		0.0962	µg/L	1	5/31/2012 04:59 AM
Acenaphthylene	0.253		0.0962	µg/L	1	5/31/2012 04:59 AM
Anthracene	ND		0.0962	µg/L	1	5/31/2012 04:59 AM
Benz(a)anthracene	ND		0.0962	µg/L	1	5/31/2012 04:59 AM
Benzo(a)pyrene	ND		0.0962	µg/L	1	5/31/2012 04:59 AM
Benzo(b)fluoranthene	ND		0.0962	µg/L	1	5/31/2012 04:59 AM
Benzo(g,h,i)perylene	ND		0.0962	µg/L	1	5/31/2012 04:59 AM
Benzo(k)fluoranthene	ND		0.0962	µg/L	1	5/31/2012 04:59 AM
Chrysene	0.445		0.0962	µg/L	1	5/31/2012 04:59 AM
Dibenz(a,h)anthracene	ND		0.0962	µg/L	1	5/31/2012 04:59 AM
Fluoranthene	ND		0.0962	µg/L	1	5/31/2012 04:59 AM
Fluorene	1.14		0.0962	µg/L	1	5/31/2012 04:59 AM
Indeno(1,2,3-cd)pyrene	ND		0.0962	µg/L	1	5/31/2012 04:59 AM
Naphthalene	73.4		0.962	µg/L	10	6/2/2012 01:22 AM
Phenanthrene	3.16		0.0962	µg/L	1	5/31/2012 04:59 AM
Pyrene	ND		0.0962	µg/L	1	5/31/2012 04:59 AM
Surr: 2-Fluorobiphenyl	61.6		40-125	%REC	1	5/31/2012 04:59 AM
Surr: 2-Fluorobiphenyl	134	S	40-125	%REC	10	6/2/2012 01:22 AM
Surr: 4-Terphenyl-d14	90.3		40-135	%REC	1	5/31/2012 04:59 AM
Surr: 4-Terphenyl-d14	131		40-135	%REC	10	6/2/2012 01:22 AM
Surr: Nitrobenzene-d5	104		41-120	%REC	1	5/31/2012 04:59 AM
Surr: Nitrobenzene-d5	73.7		41-120	%REC	10	6/2/2012 01:22 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

LS Environmental

Date: 05-Jun-12

Client: EarthCon Consultants, Inc.

Project: Hugh Gathering

Sample ID: MW9

Collection Date: 5/24/2012 05:05 PM

Work Order: 12051184

Lab ID: 12051184-08

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
BTEX			SW8021B			Analyst: SMA
Benzene	6.0		0.10	mg/L	100	5/31/2012 09:21 PM
Toluene	3.0		0.10	mg/L	100	5/31/2012 09:21 PM
Ethylbenzene	1.1		0.10	mg/L	100	5/31/2012 09:21 PM
Xylenes, Total	2.2		0.30	mg/L	100	5/31/2012 09:21 PM
Surr: 4-Bromofluorobenzene	110		75-129	%REC	100	5/31/2012 09:21 PM
Surr: Trifluorotoluene	113		75-130	%REC	100	5/31/2012 09:21 PM
LOW-LEVEL PAHS			SW8270		Prep Date: 5/30/2012	Analyst: LG
Acenaphthene	16.4		1.98	µg/L	20	6/2/2012 02:59 AM
Acenaphthylene	19.0		1.98	µg/L	20	6/2/2012 02:59 AM
Anthracene	19.6		1.98	µg/L	20	6/2/2012 02:59 AM
Benz(a)anthracene	ND		1.98	µg/L	20	6/2/2012 02:59 AM
Benzo(a)pyrene	ND		1.98	µg/L	20	6/2/2012 02:59 AM
Benzo(b)fluoranthene	ND		1.98	µg/L	20	6/2/2012 02:59 AM
Benzo(g,h,i)perylene	ND		1.98	µg/L	20	6/2/2012 02:59 AM
Benzo(k)fluoranthene	ND		1.98	µg/L	20	6/2/2012 02:59 AM
Chrysene	54.2		1.98	µg/L	20	6/2/2012 02:59 AM
Dibenz(a,h)anthracene	ND		1.98	µg/L	20	6/2/2012 02:59 AM
Fluoranthene	ND		1.98	µg/L	20	6/2/2012 02:59 AM
Fluorene	64.6		1.98	µg/L	20	6/2/2012 02:59 AM
Indeno(1,2,3-cd)pyrene	ND		1.98	µg/L	20	6/2/2012 02:59 AM
Naphthalene	1,280		19.8	µg/L	200	6/2/2012 10:47 PM
Phenanthrene	284		19.8	µg/L	200	6/2/2012 10:47 PM
Pyrene	ND		1.98	µg/L	20	6/2/2012 02:59 AM
Surr: 2-Fluorobiphenyl	94.8		40-125	%REC	20	6/2/2012 02:59 AM
Surr: 2-Fluorobiphenyl	0	S	40-125	%REC	200	6/2/2012 10:47 PM
Surr: 4-Terphenyl-d14	118		40-135	%REC	20	6/2/2012 02:59 AM
Surr: 4-Terphenyl-d14	0	S	40-135	%REC	200	6/2/2012 10:47 PM
Surr: Nitrobenzene-d5	109		41-120	%REC	20	6/2/2012 02:59 AM
Surr: Nitrobenzene-d5	0	S	41-120	%REC	200	6/2/2012 10:47 PM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

LS Environmental

Date: 05-Jun-12

Client: EarthCon Consultants, Inc.

Project: Hugh Gathering

Work Order: 12051184

Sample ID: MW10

Lab ID: 12051184-09

Collection Date: 5/24/2012 01:55 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
BTEX			SW8021B			Analyst: SMA
Benzene	0.28		0.0050	mg/L	5	5/30/2012 07:09 PM
Toluene	0.0083		0.0050	mg/L	5	5/30/2012 07:09 PM
Ethylbenzene	0.059		0.0050	mg/L	5	5/30/2012 07:09 PM
Xylenes, Total	0.057		0.015	mg/L	5	5/30/2012 07:09 PM
Surr: 4-Bromofluorobenzene	118		75-129	%REC	5	5/30/2012 07:09 PM
Surr: Trifluorotoluene	114		75-130	%REC	5	5/30/2012 07:09 PM
LOW-LEVEL PAHS			SW8270		Prep Date: 5/30/2012	Analyst: LG
Acenaphthene	0.454		0.0968	µg/L	1	5/31/2012 05:18 AM
Acenaphthylene	0.360		0.0968	µg/L	1	5/31/2012 05:18 AM
Anthracene	ND		0.0968	µg/L	1	5/31/2012 05:18 AM
Benz(a)anthracene	ND		0.0968	µg/L	1	5/31/2012 05:18 AM
Benzo(a)pyrene	ND		0.0968	µg/L	1	5/31/2012 05:18 AM
Benzo(b)fluoranthene	ND		0.0968	µg/L	1	5/31/2012 05:18 AM
Benzo(g,h,i)perylene	ND		0.0968	µg/L	1	5/31/2012 05:18 AM
Benzo(k)fluoranthene	ND		0.0968	µg/L	1	5/31/2012 05:18 AM
Chrysene	0.355		0.0968	µg/L	1	5/31/2012 05:18 AM
Dibenz(a,h)anthracene	ND		0.0968	µg/L	1	5/31/2012 05:18 AM
Fluoranthene	ND		0.0968	µg/L	1	5/31/2012 05:18 AM
Fluorene	1.52		0.0968	µg/L	1	5/31/2012 05:18 AM
Indeno(1,2,3-cd)pyrene	ND		0.0968	µg/L	1	5/31/2012 05:18 AM
Naphthalene	0.0282		0.000484	µg/L	5	6/2/2012 01:41 AM
Phenanthrene	3.13		0.0968	µg/L	1	5/31/2012 05:18 AM
Pyrene	ND		0.0968	µg/L	1	5/31/2012 05:18 AM
Surr: 2-Fluorobiphenyl	113		40-125	%REC	1	5/31/2012 05:18 AM
Surr: 2-Fluorobiphenyl	142	S	40-125	%REC	5	6/2/2012 01:41 AM
Surr: 4-Terphenyl-d14	98.0		40-135	%REC	1	5/31/2012 05:18 AM
Surr: 4-Terphenyl-d14	127		40-135	%REC	5	6/2/2012 01:41 AM
Surr: Nitrobenzene-d5	93.1		41-120	%REC	1	5/31/2012 05:18 AM
Surr: Nitrobenzene-d5	97.9		41-120	%REC	5	6/2/2012 01:41 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

LS Environmental

Date: 05-Jun-12

Client: EarthCon Consultants, Inc.

Project: Hugh Gathering

Work Order: 12051184

Sample ID: MW11

Lab ID: 12051184-10

Collection Date: 5/24/2012 03:15 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
BTEX			SW8021B			Analyst: SMA
Benzene	ND		0.0010	mg/L	1	5/30/2012 07:27 PM
Toluene	ND		0.0010	mg/L	1	5/30/2012 07:27 PM
Ethylbenzene	ND		0.0010	mg/L	1	5/30/2012 07:27 PM
Xylenes, Total	ND		0.0030	mg/L	1	5/30/2012 07:27 PM
Surr: 4-Bromofluorobenzene	109		75-129	%REC	1	5/30/2012 07:27 PM
Surr: Trifluorotoluene	98.5		75-130	%REC	1	5/30/2012 07:27 PM

ote: See Qualifiers Page for a list of qualifiers and their explanation.

LS Environmental

Date: 05-Jun-12

Client: EarthCon Consultants, Inc.

Project: Hugh Gathering

Sample ID: MW12

Collection Date: 5/24/2012 03:20 PM

Work Order: 12051184

Lab ID: 12051184-11

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
BTEX			SW8021B		Analyst: SMA	
Benzene	0.32		0.0050	mg/L	5	5/30/2012 07:45 PM
Toluene	ND		0.0050	mg/L	5	5/30/2012 07:45 PM
Ethylbenzene	ND		0.0050	mg/L	5	5/30/2012 07:45 PM
Xylenes, Total	0.030		0.015	mg/L	5	5/30/2012 07:45 PM
Surr: 4-Bromofluorobenzene	108		75-129	%REC	5	5/30/2012 07:45 PM
Surr: Trifluorotoluene	109		75-130	%REC	5	5/30/2012 07:45 PM
LOW-LEVEL PAHS			SW8270		Prep Date: 6/1/2012	Analyst: LG
Acenaphthene	ND	H	0.0982	µg/L	1	6/2/2012 03:19 AM
Acenaphthylene	ND	H	0.0982	µg/L	1	6/2/2012 03:19 AM
Anthracene	ND	H	0.0982	µg/L	1	6/2/2012 03:19 AM
Benz(a)anthracene	ND	H	0.0982	µg/L	1	6/2/2012 03:19 AM
Benzo(a)pyrene	ND	H	0.0982	µg/L	1	6/2/2012 03:19 AM
Benzo(b)fluoranthene	ND	H	0.0982	µg/L	1	6/2/2012 03:19 AM
Benzo(g,h,i)perylene	ND	H	0.0982	µg/L	1	6/2/2012 03:19 AM
Benzo(k)fluoranthene	ND	H	0.0982	µg/L	1	6/2/2012 03:19 AM
Chrysene	ND	H	0.0982	µg/L	1	6/2/2012 03:19 AM
Dibenz(a,h)anthracene	ND	H	0.0982	µg/L	1	6/2/2012 03:19 AM
Fluoranthene	ND	H	0.0982	µg/L	1	6/2/2012 03:19 AM
Fluorene	0.186	H	0.0982	µg/L	1	6/2/2012 03:19 AM
Indeno(1,2,3-cd)pyrene	ND	H	0.0982	µg/L	1	6/2/2012 03:19 AM
Naphthalene	5.91	H	0.0982	µg/L	1	6/2/2012 03:19 AM
Phenanthrene	0.267	H	0.0982	µg/L	1	6/2/2012 03:19 AM
Pyrene	ND	H	0.0982	µg/L	1	6/2/2012 03:19 AM
Surr: 2-Fluorobiphenyl	111		40-125	%REC	1	6/2/2012 03:19 AM
Surr: 4-Terphenyl-d14	88.7		40-135	%REC	1	6/2/2012 03:19 AM
Surr: Nitrobenzene-d5	102		41-120	%REC	1	6/2/2012 03:19 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

LS Environmental

Date: 05-Jun-12

Client: EarthCon Consultants, Inc.

Project: Hugh Gathering

Sample ID: MW13

Collection Date: 5/24/2012 03:35 PM

Work Order: 12051184

Lab ID: 12051184-12

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
BTEX			SW8021B			Analyst: SMA
Benzene	0.81		0.0050	mg/L	5	5/30/2012 08:03 PM
Toluene	ND		0.0050	mg/L	5	5/30/2012 08:03 PM
Ethylbenzene	ND		0.0050	mg/L	5	5/30/2012 08:03 PM
Xylenes, Total	ND		0.015	mg/L	5	5/30/2012 08:03 PM
Surr: 4-Bromofluorobenzene	119		75-129	%REC	5	5/30/2012 08:03 PM
Surr: Trifluorotoluene	117		75-130	%REC	5	5/30/2012 08:03 PM
LOW-LEVEL PAHS			SW8270		Prep Date: 6/1/2012	Analyst: LG
Acenaphthene	ND	H	0.0948	µg/L	1	6/2/2012 03:38 AM
Acenaphthylene	ND	H	0.0948	µg/L	1	6/2/2012 03:38 AM
Anthracene	0.138	H	0.0948	µg/L	1	6/2/2012 03:38 AM
Benz(a)anthracene	ND	H	0.0948	µg/L	1	6/2/2012 03:38 AM
Benzo(a)pyrene	ND	H	0.0948	µg/L	1	6/2/2012 03:38 AM
Benzo(b)fluoranthene	ND	H	0.0948	µg/L	1	6/2/2012 03:38 AM
Benzo(g,h,i)perylene	ND	H	0.0948	µg/L	1	6/2/2012 03:38 AM
Benzo(k)fluoranthene	ND	H	0.0948	µg/L	1	6/2/2012 03:38 AM
Chrysene	ND	H	0.0948	µg/L	1	6/2/2012 03:38 AM
Dibenz(a,h)anthracene	ND	H	0.0948	µg/L	1	6/2/2012 03:38 AM
Fluoranthene	ND	H	0.0948	µg/L	1	6/2/2012 03:38 AM
Fluorene	0.254	H	0.0948	µg/L	1	6/2/2012 03:38 AM
Indeno(1,2,3-cd)pyrene	ND	H	0.0948	µg/L	1	6/2/2012 03:38 AM
Naphthalene	7.75	H	0.0948	µg/L	1	6/2/2012 03:38 AM
Phenanthrene	0.563	H	0.0948	µg/L	1	6/2/2012 03:38 AM
Pyrene	ND	H	0.0948	µg/L	1	6/2/2012 03:38 AM
Surr: 2-Fluorobiphenyl	111		40-125	%REC	1	6/2/2012 03:38 AM
Surr: 4-Terphenyl-d14	116		40-135	%REC	1	6/2/2012 03:38 AM
Surr: Nitrobenzene-d5	101		41-120	%REC	1	6/2/2012 03:38 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: 05-Jun-12

Client: EarthCon Consultants, Inc.

Order: 12051184

Project: Hugh Gathering

QC BATCH REPORT

Batch ID: R128703 Instrument ID BTEX1 Method: SW8021B

MBLK		Sample ID: BBLKW1-120530-R128703				Units: µg/L		Analysis Date: 5/30/2012 02:02 PM		
Client ID:		Run ID: BTEX1_120530C				SeqNo: 2801831		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 4-Bromofluorobenzene	31.48	1.0	30	0	105	75-129	0			
Surr: Trifluorotoluene	29.02	1.0	30	0	96.7	75-130	0			

LCS		Sample ID: BLCSW1-120530-R128703				Units: µg/L		Analysis Date: 5/30/2012 01:44 PM		
Client ID:		Run ID: BTEX1_120530C				SeqNo: 2801830		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	20.48	1.0	20	0	102	75-126	0			
Toluene	20.13	1.0	20	0	101	75-125	0			
Ethylbenzene	19.81	1.0	20	0	99.1	75-125	0			
Xylenes, Total	58.53	3.0	60	0	97.6	75-125	0			
Surr: 4-Bromofluorobenzene	32.47	1.0	30	0	108	75-129	0			
Surr: Trifluorotoluene	30.37	1.0	30	0	101	75-130	0			

MS		Sample ID: 12051193-01ZMS				Units: µg/L		Analysis Date: 5/30/2012 03:13 PM		
Client ID:		Run ID: BTEX1_120530C				SeqNo: 2801833		Prep Date:		DF: 20
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	463.5	20	400	0	116	75-126	0			
Toluene	459.9	20	400	0	115	75-125	0			
Ethylbenzene	453	20	400	0	113	75-125	0			
Xylenes, Total	1342	60	1200	0	112	75-125	0			
Surr: 4-Bromofluorobenzene	657.1	20	600	0	110	75-129	0			
Surr: Trifluorotoluene	608.2	20	600	0	101	75-130	0			

MSD		Sample ID: 12051193-01ZMSD				Units: µg/L		Analysis Date: 5/30/2012 03:31 PM		
Client ID:		Run ID: BTEX1_120530C				SeqNo: 2801834		Prep Date:		DF: 20
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	403.5	20	400	0	101	77-126	463.5	13.8	20	
Toluene	397.4	20	400	0	99.4	75-125	459.9	14.6	20	
Ethylbenzene	390.8	20	400	0	97.7	76-125	453	14.7	20	
Xylenes, Total	1156	60	1200	0	96.4	75-125	1342	14.8	20	
Surr: 4-Bromofluorobenzene	642.2	20	600	0	107	75-129	657.1	2.29	20	
Surr: Trifluorotoluene	602.8	20	600	0	100	75-130	608.2	0.895	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: EarthCon Consultants, Inc.
Work Order: 12051184
Project: Hugh Gathering

QC BATCH REPORT

Batch ID: **R128703** Instrument ID **BTEX1** Method: **SW8021B**

The following samples were analyzed in this batch:

12051184-09A	12051184-10A	12051184-11A
12051184-12A		

Client: EarthCon Consultants, Inc.
 Work Order: 12051184
 Project: Hugh Gathering

QC BATCH REPORT

Batch ID: R128705 Instrument ID BTEX1 Method: SW8021B

MBLK Sample ID: BBLKW2-120530-R128705 Units: µg/L Analysis Date: 5/30/2012 10:25 PM

Client ID: Run ID: BTEX1_120530D SeqNo: 2801871 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 4-Bromofluorobenzene	32.28	1.0	30	0	108	75-129	0			
Surr: Trifluorotoluene	29.29	1.0	30	0	97.6	75-130	0			

LCS Sample ID: BLCSW2-120530-R128705 Units: µg/L Analysis Date: 5/30/2012 09:49 PM

Client ID: Run ID: BTEX1_120530D SeqNo: 2801869 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.88	1.0	20	0	99.4	75-126	0			
Toluene	19.49	1.0	20	0	97.5	75-125	0			
Ethylbenzene	19.19	1.0	20	0	95.9	75-125	0			
Xylenes, Total	57.02	3.0	60	0	95	75-125	0			
Surr: 4-Bromofluorobenzene	32.38	1.0	30	0	108	75-129	0			
Surr: Trifluorotoluene	30.19	1.0	30	0	101	75-130	0			

LCSD Sample ID: BLCSDW2-120530-R128705 Units: µg/L Analysis Date: 5/30/2012 10:07 PM

Client ID: Run ID: BTEX1_120530D SeqNo: 2801870 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.78	1.0	20	0	98.9	75-126	19.88	0.51	20	
Toluene	19.36	1.0	20	0	96.8	75-125	19.49	0.651	20	
Ethylbenzene	19.07	1.0	20	0	95.4	75-125	19.19	0.597	20	
Xylenes, Total	56.66	3.0	60	0	94.4	75-125	57.02	0.63	20	
Surr: 4-Bromofluorobenzene	32.86	1.0	30	0	110	75-129	32.38	1.46	20	
Surr: Trifluorotoluene	30.67	1.0	30	0	102	75-130	30.19	1.56	20	

MS Sample ID: 12051129-01AMS Units: µg/L Analysis Date: 5/31/2012 02:33 AM

Client ID: Run ID: BTEX1_120530D SeqNo: 2801883 Prep Date: DF: 50

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1588	50	1000	548.5	104	75-126	0			
Toluene	2553	50	1000	1462	109	75-125	0			
Ethylbenzene	1608	50	1000	595.8	101	75-125	0			
Xylenes, Total	4504	150	3000	1527	99.2	75-125	0			
Surr: 4-Bromofluorobenzene	1682	50	1500	0	112	75-129	0			
Surr: Trifluorotoluene	1497	50	1500	0	99.8	75-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: EarthCon Consultants, Inc.
Work Order: 12051184
Project: Hugh Gathering

QC BATCH REPORT

Batch ID: **R128705** Instrument ID **BTEX1** Method: **SW8021B**

MSD Sample ID: **12051129-01AMSD** Units: **µg/L** Analysis Date: **5/31/2012 02:51 AM**

Client ID: Run ID: **BTEX1_120530D** SeqNo: **2801884** Prep Date: DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1566	50	1000	548.5	102	77-126	1588	1.36	20	
Toluene	2505	50	1000	1462	104	75-125	2553	1.89	20	
Ethylbenzene	1599	50	1000	595.8	100	76-125	1608	0.575	20	
Xylenes, Total	4478	150	3000	1527	98.4	75-125	4504	0.582	20	
Surr: 4-Bromofluorobenzene	1693	50	1500	0	113	75-129	1682	0.641	20	
Surr: Trifluorotoluene	1490	50	1500	0	99.3	75-130	1497	0.434	20	

The following samples were analyzed in this batch:

12051184-01A	12051184-03A	12051184-04A
12051184-06A	12051184-07A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: EarthCon Consultants, Inc.
 Work Order: 12051184
 Project: Hugh Gathering

QC BATCH REPORT

Batch ID: R128750 Instrument ID BTEX1 Method: SW8021B

MBLK Sample ID: BBLKW1-120531-R128750 Units: µg/L Analysis Date: 5/31/2012 01:17 PM

Client ID: Run ID: BTEX1_120531A SeqNo: 2802714 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 4-Bromofluorobenzene	33.23	1.0	30	0	111	75-129	0			
Surr: Trifluorotoluene	29.71	1.0	30	0	99	75-130	0			

LCS Sample ID: BLCSW1-120531-R128750 Units: µg/L Analysis Date: 5/31/2012 12:41 PM

Client ID: Run ID: BTEX1_120531A SeqNo: 2802712 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	21.01	1.0	20	0	105	75-126	0			
Toluene	20.67	1.0	20	0	103	75-125	0			
Ethylbenzene	20.55	1.0	20	0	103	75-125	0			
Xylenes, Total	61.07	3.0	60	0	102	75-125	0			
Surr: 4-Bromofluorobenzene	32.69	1.0	30	0	109	75-129	0			
Surr: Trifluorotoluene	29.84	1.0	30	0	99.5	75-130	0			

LCSD Sample ID: BLCSDW1-120531-R128750 Units: µg/L Analysis Date: 5/31/2012 12:59 PM

Client ID: Run ID: BTEX1_120531A SeqNo: 2802713 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	20.95	1.0	20	0	105	75-126	21.01	0.278	20	
Toluene	20.61	1.0	20	0	103	75-125	20.67	0.297	20	
Ethylbenzene	20.43	1.0	20	0	102	75-125	20.55	0.613	20	
Xylenes, Total	60.75	3.0	60	0	101	75-125	61.07	0.522	20	
Surr: 4-Bromofluorobenzene	33.92	1.0	30	0	113	75-129	32.69	3.68	20	
Surr: Trifluorotoluene	30.77	1.0	30	0	103	75-130	29.84	3.08	20	

MS Sample ID: 12051266-01AMS Units: µg/L Analysis Date: 5/31/2012 02:29 PM

Client ID: Run ID: BTEX1_120531A SeqNo: 2802716 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.21	1.0	20	0	91	75-126	0			
Toluene	18.09	1.0	20	0	90.5	75-125	0			
Ethylbenzene	17.79	1.0	20	0	89	75-125	0			
Xylenes, Total	52.58	3.0	60	0	87.6	75-125	0			
Surr: 4-Bromofluorobenzene	34.27	1.0	30	0	114	75-129	0			
Surr: Trifluorotoluene	30.94	1.0	30	0	103	75-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: EarthCon Consultants, Inc.
Work Order: 12051184
Project: Hugh Gathering

QC BATCH REPORT

Batch ID: **R128750** Instrument ID **BTEX1** Method: **SW8021B**

MSD Sample ID: **12051266-01AMSD** Units: **µg/L** Analysis Date: **5/31/2012 02:47 PM**

Client ID: Run ID: **BTEX1_120531A** SeqNo: **2802717** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	20.07	1.0	20	0	100	77-126	18.21	9.74	20	
Toluene	19.9	1.0	20	0	99.5	75-125	18.09	9.51	20	
Ethylbenzene	19.65	1.0	20	0	98.2	76-125	17.79	9.9	20	
Xylenes, Total	58.46	3.0	60	0	97.4	75-125	52.58	10.6	20	
Surr: 4-Bromofluorobenzene	34.59	1.0	30	0	115	75-129	34.27	0.934	20	
Surr: Trifluorotoluene	30.94	1.0	30	0	103	75-130	30.94	0	20	

The following samples were analyzed in this batch:

12051184-02A	12051184-05A	12051184-08A
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Client: EarthCon Consultants, Inc.
Work Order: 12051184
Project: Hugh Gathering

QC BATCH REPORT

Batch ID: **61469** Instrument ID **SV-6** Method: **SW8270**

MBLK Sample ID: **SBLKL1-120530-61469** Units: **µg/L** Analysis Date: **5/31/2012 12:44 AM**

Client ID: Run ID: **SV-6_120530A** SeqNo: **2806675** Prep Date: **5/30/2012** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	ND	0.10								
Acenaphthylene	ND	0.10								
Anthracene	ND	0.10								
Benz(a)anthracene	ND	0.10								
Benzo(a)pyrene	ND	0.10								
Benzo(b)fluoranthene	ND	0.10								
Benzo(g,h,i)perylene	ND	0.10								
Benzo(k)fluoranthene	ND	0.10								
Chrysene	ND	0.10								
Dibenz(a,h)anthracene	ND	0.10								
Fluoranthene	ND	0.10								
Fluorene	ND	0.10								
Indeno(1,2,3-cd)pyrene	ND	0.10								
Naphthalene	ND	0.10								
Phenanthrene	ND	0.10								
Pyrene	ND	0.10								
2-Fluorobiphenyl	3.513	0.10	3.03	0	116	40-125	0			
Surr: 4-Terphenyl-d14	2.423	0.10	3.03	0	80	40-135	0			
Surr: Nitrobenzene-d5	2.948	0.10	3.03	0	97.3	41-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: EarthCon Consultants, Inc.
Work Order: 12051184
Project: Hugh Gathering

QC BATCH REPORT

Batch ID: **61469** Instrument ID **SV-6** Method: **SW8270**

LCS Sample ID: **SLCSL1-120530-61469** Units: **µg/L** Analysis Date: **6/1/2012 12:10 AM**

Client ID: Run ID: **SV-6_120530A** SeqNo: **2806676** Prep Date: **5/30/2012** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	3.135	0.10	3.03	0	103	40-140	0			
Acenaphthylene	3.378	0.10	3.03	0	111	40-140	0			
Anthracene	3.184	0.10	3.03	0	105	40-140	0			
Benz(a)anthracene	3.024	0.10	3.03	0	99.8	40-140	0			
Benzo(a)pyrene	2.779	0.10	3.03	0	91.7	40-140	0			
Benzo(b)fluoranthene	2.71	0.10	3.03	0	89.4	40-140	0			
Benzo(g,h,i)perylene	2.158	0.10	3.03	0	71.2	40-140	0			
Benzo(k)fluoranthene	2.554	0.10	3.03	0	84.3	40-140	0			
Chrysene	2.904	0.10	3.03	0	95.8	40-140	0			
Dibenz(a,h)anthracene	2.284	0.10	3.03	0	75.4	40-140	0			
Fluoranthene	3.153	0.10	3.03	0	104	40-140	0			
Fluorene	2.773	0.10	3.03	0	91.5	40-140	0			
Indeno(1,2,3-cd)pyrene	2.626	0.10	3.03	0	86.7	40-140	0			
Naphthalene	3.069	0.10	3.03	0	101	40-140	0			
Phenanthrene	3.101	0.10	3.03	0	102	40-140	0			
Pyrene	3.07	0.10	3.03	0	101	40-140	0			
Surr: 2-Fluorobiphenyl	3.624	0.10	3.03	0	120	40-125	0			
Surr: 4-Terphenyl-d14	2.982	0.10	3.03	0	98.4	40-135	0			
Surr: Nitrobenzene-d5	3.109	0.10	3.03	0	103	41-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: EarthCon Consultants, Inc.
 Work Order: 12051184
 Project: Hugh Gathering

QC BATCH REPORT

Batch ID: 61469 Instrument ID SV-6 Method: SW8270

LCSD Sample ID: SLCSDL1-120530-61469 Units: µg/L Analysis Date: 6/1/2012 12:30 AM

Client ID: Run ID: SV-6_120530A SeqNo: 2806677 Prep Date: 5/30/2012 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	3.113	0.10	3.03	0	103	40-140	3.135	0.702	25	
Acenaphthylene	3.328	0.10	3.03	0	110	40-140	3.378	1.48	25	
Anthracene	3.099	0.10	3.03	0	102	40-140	3.184	2.69	25	
Benz(a)anthracene	3.121	0.10	3.03	0	103	40-140	3.024	3.18	25	
Benzo(a)pyrene	2.949	0.10	3.03	0	97.3	40-140	2.779	5.94	25	
Benzo(b)fluoranthene	2.914	0.10	3.03	0	96.2	40-140	2.71	7.25	25	
Benzo(g,h,i)perylene	2.484	0.10	3.03	0	82	40-140	2.158	14	25	
Benzo(k)fluoranthene	2.808	0.10	3.03	0	92.7	40-140	2.554	9.49	25	
Chrysene	3.006	0.10	3.03	0	99.2	40-140	2.904	3.44	25	
Dibenz(a,h)anthracene	2.562	0.10	3.03	0	84.5	40-140	2.284	11.5	25	
Fluoranthene	3.151	0.10	3.03	0	104	40-140	3.153	0.075	25	
Fluorene	2.74	0.10	3.03	0	90.4	40-140	2.773	1.21	25	
Indeno(1,2,3-cd)pyrene	2.859	0.10	3.03	0	94.4	40-140	2.626	8.49	25	
Naphthalene	3.067	0.10	3.03	0	101	40-140	3.069	0.0691	25	
Phenanthrene	3.074	0.10	3.03	0	101	40-140	3.101	0.879	25	
Pyrene	3.071	0.10	3.03	0	101	40-140	3.07	0.0197	25	
Surr: 2-Fluorobiphenyl	3.638	0.10	3.03	0	120	40-125	3.624	0.387	25	
Surr: 4-Terphenyl-d14	3.17	0.10	3.03	0	105	40-135	2.982	6.1	25	
Surr: Nitrobenzene-d5	3.215	0.10	3.03	0	106	41-120	3.109	3.34	25	

The following samples were analyzed in this batch:

12051184-01B	12051184-02B	12051184-03B
12051184-06B	12051184-07B	12051184-08B
12051184-09B		

Client: EarthCon Consultants, Inc.
Work Order: 12051184
Project: Hugh Gathering

QC BATCH REPORT

Batch ID: **61547** Instrument ID **SV-6** Method: **SW8270**

MBLK Sample ID: **SBLKL1-120601-61547** Units: **µg/L** Analysis Date: **6/1/2012 11:45 PM**

Client ID: Run ID: **SV-6_120601A** SeqNo: **2806829** Prep Date: **6/1/2012** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	ND	0.10								
Acenaphthylene	ND	0.10								
Anthracene	ND	0.10								
Benz(a)anthracene	ND	0.10								
Benzo(a)pyrene	ND	0.10								
Benzo(b)fluoranthene	ND	0.10								
Benzo(g,h,i)perylene	ND	0.10								
Benzo(k)fluoranthene	ND	0.10								
Chrysene	ND	0.10								
Dibenz(a,h)anthracene	ND	0.10								
Fluoranthene	ND	0.10								
Fluorene	ND	0.10								
Indeno(1,2,3-cd)pyrene	ND	0.10								
Naphthalene	ND	0.10								
Phenanthrene	ND	0.10								
Pyrene	ND	0.10								
Surr: 2-Fluorobiphenyl	3.774	0.10	3.03	0	125	40-125	0			
Surr: 4-Terphenyl-d14	3.462	0.10	3.03	0	114	40-135	0			
Surr: Nitrobenzene-d5	3.576	0.10	3.03	0	118	41-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: EarthCon Consultants, Inc.
Work Order: 12051184
Project: Hugh Gathering

QC BATCH REPORT

Batch ID: **61547** Instrument ID **SV-6** Method: **SW8270**

LCS Sample ID: **SLCSL1-120601-61547** Units: **µg/L** Analysis Date: **6/1/2012 09:08 PM**

Client ID: Run ID: **SV-6_120601A** SeqNo: **2806826** Prep Date: **6/1/2012** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	3.391	0.10	3.03	0	112	40-140	0			
Acenaphthylene	3.647	0.10	3.03	0	120	40-140	0			
Anthracene	3.453	0.10	3.03	0	114	40-140	0			
Benz(a)anthracene	2.746	0.10	3.03	0	90.6	40-140	0			
Benzo(a)pyrene	2.363	0.10	3.03	0	78	40-140	0			
Benzo(b)fluoranthene	2.649	0.10	3.03	0	87.4	40-140	0			
Benzo(g,h,i)perylene	2.041	0.10	3.03	0	67.4	40-140	0			
Benzo(k)fluoranthene	2.113	0.10	3.03	0	69.7	40-140	0			
Chrysene	2.464	0.10	3.03	0	81.3	40-140	0			
Dibenz(a,h)anthracene	2.14	0.10	3.03	0	70.6	40-140	0			
Fluoranthene	3.106	0.10	3.03	0	103	40-140	0			
Fluorene	3.007	0.10	3.03	0	99.2	40-140	0			
Indeno(1,2,3-cd)pyrene	2.233	0.10	3.03	0	73.7	40-140	0			
Naphthalene	3.364	0.10	3.03	0	111	40-140	0			
Phenanthrene	3.398	0.10	3.03	0	112	40-140	0			
Pyrene	3.038	0.10	3.03	0	100	40-140	0			
<i>r</i> : 2-Fluorobiphenyl	3.715	0.10	3.03	0	123	40-125	0			
<i>Surr</i> : 4-Terphenyl-d14	3.067	0.10	3.03	0	101	40-135	0			
<i>Surr</i> : Nitrobenzene-d5	3.554	0.10	3.03	0	117	41-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: EarthCon Consultants, Inc.
 Work Order: 12051184
 Project: Hugh Gathering

QC BATCH REPORT

Batch ID: 61547 Instrument ID SV-6 Method: SW8270

LCSD Sample ID: SLCSDL1-120601-61547 Units: µg/L Analysis Date: 6/1/2012 09:28 PM

Client ID: Run ID: SV-6_120601A SeqNo: 2806828 Prep Date: 6/1/2012 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	3.369	0.10	3.03	0	111	40-140	3.391	0.656	25	
Acenaphthylene	3.623	0.10	3.03	0	120	40-140	3.647	0.652	25	
Anthracene	3.513	0.10	3.03	0	116	40-140	3.453	1.72	25	
Benz(a)anthracene	3.22	0.10	3.03	0	106	40-140	2.746	15.9	25	
Benzo(a)pyrene	2.987	0.10	3.03	0	98.6	40-140	2.363	23.3	25	
Benzo(b)fluoranthene	3.147	0.10	3.03	0	104	40-140	2.649	17.2	25	
Benzo(g,h,i)perylene	2.693	0.10	3.03	0	88.9	40-140	2.041	27.5	25	R
Benzo(k)fluoranthene	2.808	0.10	3.03	0	92.7	40-140	2.113	28.3	25	R
Chrysene	3.011	0.10	3.03	0	99.4	40-140	2.464	20	25	
Dibenz(a,h)anthracene	2.772	0.10	3.03	0	91.5	40-140	2.14	25.7	25	R
Fluoranthene	3.373	0.10	3.03	0	111	40-140	3.106	8.24	25	
Fluorene	2.996	0.10	3.03	0	98.9	40-140	3.007	0.365	25	
Indeno(1,2,3-cd)pyrene	2.915	0.10	3.03	0	96.2	40-140	2.233	26.5	25	R
Naphthalene	3.305	0.10	3.03	0	109	40-140	3.364	1.76	25	
Phenanthrene	3.462	0.10	3.03	0	114	40-140	3.398	1.86	25	
Pyrene	3.287	0.10	3.03	0	108	40-140	3.038	7.86	25	
2-Fluorobiphenyl	3.65	0.10	3.03	0	120	40-125	3.715	1.76	25	
Surr: 4-Terphenyl-d14	3.419	0.10	3.03	0	113	40-135	3.067	10.9	25	
Surr: Nitrobenzene-d5	3.578	0.10	3.03	0	118	41-120	3.554	0.675	25	

The following samples were analyzed in this batch:

12051184-11B	12051184-12B
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Client: EarthCon Consultants, Inc.
Project: Hugh Gathering
WorkOrder: 12051184

**QUALIFIERS,
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

<u>Acronym</u>	<u>Description</u>
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

<u>Units Reported</u>	<u>Description</u>
µg/L	Micrograms per Liter
mg/L	Milligrams per Liter



Cincinnati, OH
+1 513 733 5386
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Midland, TX
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Chain of Custody Form
Page 2 of 2
COC ID: 61300

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Environmental

ALS Project Manager: High Galt

ALS Work Order #: 05104

Customer Information		Project Information		Parameter/Method Request for Analysis													
Purchase Order	Project Name	Project Number	Project Name	VOC (R-S-N) Super													
Company Name	Project Name	Project Number	Project Name	VOC (R-S-N) Super													
Send Report To	Project Name	Project Number	Project Name	VOC (R-S-N) Super													
Address	Project Name	Project Number	Project Name	VOC (R-S-N) Super													
City/State/Zip	Project Name	Project Number	Project Name	VOC (R-S-N) Super													
Phone	Project Name	Project Number	Project Name	VOC (R-S-N) Super													
Fax	Project Name	Project Number	Project Name	VOC (R-S-N) Super													
e-Mail Address	Project Name	Project Number	Project Name	VOC (R-S-N) Super													
1	Sample Description	Date	Time	Matrix	Time	10 Minutes	A	B	C	D	E	F	G	H	I	J	Head
2	MW12	5-24-15	1530	GW	ML	6	X	X									
3	MW13	5-24-15	1535	GW	ML	6	X	X									
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Signature/Print & Sign		Required Turnaround Time (Check Box)		Results Due Date	
Signature	Date	Signature	Date	Signature	Date
<u>SHANE DREW S. HALL</u>	<u>5-25-15</u>	<u>SHANE DREW S. HALL</u>	<u>5-25-15</u>	<u>SHANE DREW S. HALL</u>	<u>5-25-15</u>
<u>SHANE DREW S. HALL</u>	<u>5-25-15</u>	<u>SHANE DREW S. HALL</u>	<u>5-25-15</u>	<u>SHANE DREW S. HALL</u>	<u>5-25-15</u>

Projective Key		Projective Key		Projective Key	
Projective Key	Projective Key	Projective Key	Projective Key	Projective Key	Projective Key
1-HQ	2-HQ	3-HQ	4-HQ	5-HQ	6-HQ
7-HQ	8-HQ	9-HQ	10-HQ	11-HQ	12-HQ

Note: 1. Any changes must be made in writing once sample and COC form has been submitted to ALS Environmental.
2. The Chain of Custody is a legal document. All information must be completed accurately.
3. The Chain of Custody is a legal document. All information must be completed accurately.

Copyright 2011 by ALS Environmental.

12051184

edEx NEW Package Express US Airbill		8996 5266 6560
Payee: This portion can be removed for taxpayer's records.		
Date: <u>5-25-12</u>	Tracking Number: <u>899652666560</u>	
Sender's Name: <u>SHANE DILLER</u>	Phone: _____	
Company: <u>Earthcon</u>	_____	
Address: <u>30 W. Industrial Loop E</u>		
City: <u>MIDLAND</u>	State: <u>TX</u>	Zip: <u>79701</u>
Your Internal Billing Reference: <u>707032</u>		
To: _____	Client's Services: _____	
Resident's Name: _____	Phone: <u>281 530 5556</u>	
4 Express Packing with bubble-wrap ☐ Fully Packed ☐ Fully Packed ☒ Fully Packed ☐ Fully Packed ☐ Fully Packed		
5 Packaging ☐ Fully Packed ☐ Fully Packed		
6 Special Handling ☐ Fragile ☐ Hazardous ☐ Live Animals ☐ Perishable ☐ High Value ☐ Other		

ALS Environmental
10450 Stanciff Rd., Suite 210
Houston, Texas 77099
Tel: +1 281 630 6666
Fax: +1 281 630 6867

CUSTODY
Date: 5-25-12
Name: SHANE DILLER
Company: EARTHCON

REAL	Signature
<u>SHANE</u>	<u>SHANE</u>



20-Sep-2012

Kathleen Buxton
Entech Consulting Corp.
21 Waterway Avenue
Suite 300
The Woodlands, TX 77380

Tel: (979) 997-2338
Fax: (281) 362-2704

Re: Plains Sites

Work Order: **1209471**

Dear Kathleen,

ALS Environmental received 7 samples on 14-Sep-2012 09:10 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 15.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Electronically approved by: Jurnoke M. Lawal

Patricia L. Lynch
Project Manager



Certificate No: TX: T104704231-12-10

Client: Entech Consulting Corp.
Project: Plains Sites
Work Order: 1209471

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
1209471-01	MW 5	Water		9/12/2012 15:00	9/14/2012 09:10	☐
1209471-02	MW 6	Water		9/12/2012 15:40	9/14/2012 09:10	☐
1209471-03	MW 7	Water		9/12/2012 03:20	9/14/2012 09:10	☐
1209471-04	MW 11	Water		9/12/2012 03:05	9/14/2012 09:10	☐
1209471-05	MW 12	Water		9/12/2012 14:45	9/14/2012 09:10	☐
1209471-06	MW 13	Water		9/12/2012 14:25	9/14/2012 09:10	☐
1209471-07	Trip Blank 082012-28	Water		9/12/2012	9/14/2012 09:10	☐

ALS Environmental

Date: 20-Sep-12

Client: Entech Consulting Corp.

Project: Plains Sites

Work Order: 1209471

Case Narrative

No Exceptions

ALS Environmental

Date: 20-Sep-12

Client: Entech Consulting Corp.

Project: Plains Sites

Sample ID: MW 5

Collection Date: 9/12/2012 03:00 PM

Work Order: 1209471

Lab ID: 1209471-01

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Prep	Date Analyzed
BTEX BY SW8021B			SW8021B				Analyst: SMA
Benzene	1.3		1.0 µg/L		1		9/19/2012 11:40 PM
Toluene	2.5		1.0 µg/L		1		9/19/2012 11:40 PM
Ethylbenzene	97		1.0 µg/L		1		9/19/2012 11:40 PM
Methyl tert-butyl ether	U		5.0 µg/L		1		9/19/2012 11:40 PM
Xylenes, Total	43		3.0 µg/L		1		9/19/2012 11:40 PM
Surr: 4-Bromofluorobenzene	120		75-129 %REC		1		9/19/2012 11:40 PM
Surr: Trifluorotoluene	111		75-130 %REC		1		9/19/2012 11:40 PM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: 20-Sep-12

Client: Entech Consulting Corp.

Project: Plains Sites

Work Order: 1209471

Sample ID: MW 6

Lab ID: 1209471-02

Collection Date: 9/12/2012 03:40 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Prep	Date Analyzed
BTEX BY SW8021B			SW8021B				Analyst: SMA
Benzene	0.56	J	1.0	µg/L	1		9/20/2012 12:16 AM
Toluene	U		1.0	µg/L	1		9/20/2012 12:16 AM
Ethylbenzene	U		1.0	µg/L	1		9/20/2012 12:16 AM
Methyl tert-butyl ether	U		5.0	µg/L	1		9/20/2012 12:16 AM
Xylenes, Total	U		3.0	µg/L	1		9/20/2012 12:16 AM
Surr: 4-Bromofluorobenzene	96.8		75-129	%REC	1		9/20/2012 12:16 AM
Surr: Trifluorotoluene	105		75-130	%REC	1		9/20/2012 12:16 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: 20-Sep-12

Client: Entech Consulting Corp.

Project: Plains Sites

Sample ID: MW 7

Collection Date: 9/12/2012 03:20 AM

Work Order: 1209471

Lab ID: 1209471-03

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Prep	Date Analyzed
BTEX BY SW8021B			SW8021B				Analyst: SMA
Benzene	18		1.0	µg/L	1		9/20/2012 12:34 AM
Toluene	U		1.0	µg/L	1		9/20/2012 12:34 AM
Ethylbenzene	U		1.0	µg/L	1		9/20/2012 12:34 AM
Methyl tert-butyl ether	U		5.0	µg/L	1		9/20/2012 12:34 AM
Xylenes, Total	1.6	J	3.0	µg/L	1		9/20/2012 12:34 AM
Surr: 4-Bromofluorobenzene	103		75-129	%REC	1		9/20/2012 12:34 AM
Surr: Trifluorotoluene	108		75-130	%REC	1		9/20/2012 12:34 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental**Date:** 20-Sep-12**Client:** Entech Consulting Corp.**Project:** Plains Sites**Sample ID:** MW 11**Collection Date:** 9/12/2012 03:05 AM**Work Order:** 1209471**Lab ID:** 1209471-04**Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Prep	Date Analyzed
BTEX BY SW8021B			SW8021B				Analyst: SMA
Benzene	1.5		1.0	µg/L	1		9/20/2012 12:52 AM
Toluene	U		1.0	µg/L	1		9/20/2012 12:52 AM
Ethylbenzene	U		1.0	µg/L	1		9/20/2012 12:52 AM
Methyl tert-butyl ether	U		5.0	µg/L	1		9/20/2012 12:52 AM
Xylenes, Total	U		3.0	µg/L	1		9/20/2012 12:52 AM
Surr: 4-Bromofluorobenzene	99.9		75-129	%REC	1		9/20/2012 12:52 AM
Surr: Trifluorotoluene	105		75-130	%REC	1		9/20/2012 12:52 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: 20-Sep-12

Client: Entech Consulting Corp.

Project: Plains Sites

Sample ID: MW 12

Collection Date: 9/12/2012 02:45 PM

Work Order: 1209471

Lab ID: 1209471-05

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Prep	Date Analyzed
BTEX BY SW8021B			SW8021B				Analyst: SMA
Benzene	250		5.0	µg/L	5		9/20/2012 01:09 AM
Toluene	U		1.0	µg/L	1		9/20/2012 01:27 AM
Ethylbenzene	U		1.0	µg/L	1		9/20/2012 01:27 AM
Methyl tert-butyl ether	U		5.0	µg/L	1		9/20/2012 01:27 AM
Xylenes, Total	23		3.0	µg/L	1		9/20/2012 01:27 AM
Surr: 4-Bromofluorobenzene	100		75-129	%REC	1		9/20/2012 01:27 AM
Surr: 4-Bromofluorobenzene	103		75-129	%REC	5		9/20/2012 01:09 AM
Surr: Trifluorotoluene	126		75-130	%REC	1		9/20/2012 01:27 AM
Surr: Trifluorotoluene	117		75-130	%REC	5		9/20/2012 01:09 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: 20-Sep-12

Client: Entech Consulting Corp.

Project: Plains Sites

Sample ID: MW 13

Collection Date: 9/12/2012 02:25 PM

Work Order: 1209471

Lab ID: 1209471-06

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Prep	Date Analyzed
BTEX BY SW8021B			SW8021B			Analyst: SMA	
Benzene	630		5.0	µg/L	5		9/20/2012 01:45 AM
Toluene	U		5.0	µg/L	5		9/20/2012 01:45 AM
Ethylbenzene	U		5.0	µg/L	5		9/20/2012 01:45 AM
Methyl tert-butyl ether	U		25	µg/L	5		9/20/2012 01:45 AM
Xylenes, Total	3.6	J	15	µg/L	5		9/20/2012 01:45 AM
Surr: 4-Bromofluorobenzene	118		75-129	%REC	5		9/20/2012 01:45 AM
Surr: Trifluorotoluene	121		75-130	%REC	5		9/20/2012 01:45 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: 20-Sep-12

Client: Entech Consulting Corp.

k Order: 1209471

Project: Plains Sites

QC BATCH REPORT

Batch ID: R135276 Instrument ID BTEX1 Method: SW8021B

MBLK Sample ID: BBLKW1-120919-R135276 Units: µg/L Analysis Date: 9/19/2012 08:25 PM

Client ID: Run ID: BTEX1_120919A SeqNo: 2948487 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	U	1.0								
Toluene	U	1.0								
Ethylbenzene	U	1.0								
Methyl tert-butyl ether	U	5.0								
Xylenes, Total	U	3.0								
Surr: 4-Bromofluorobenzene	30.25	1.0	30	0	101	75-129	0			
Surr: Trifluorotoluene	32.42	1.0	30	0	108	75-130	0			

LCS Sample ID: BLCBW1-120919-R135276 Units: µg/L Analysis Date: 9/19/2012 07:50 PM

Client ID: Run ID: BTEX1_120919A SeqNo: 2948485 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.08	1.0	20	0	95.4	75-126	0			
Toluene	18.81	1.0	20	0	94	75-125	0			
Ethylbenzene	18.34	1.0	20	0	91.7	75-125	0			
Methyl tert-butyl ether	88.31	5.0	100	0	88.3	75-128	0			
Xylenes, Total	55.42	3.0	60	0	92.4	75-125	0			
Surr: 4-Bromofluorobenzene	30.57	1.0	30	0	102	75-129	0			
Surr: Trifluorotoluene	32.88	1.0	30	0	110	75-130	0			

LCSD Sample ID: BLCSDW1-120919-R135276 Units: µg/L Analysis Date: 9/19/2012 08:07 PM

Client ID: Run ID: BTEX1_120919A SeqNo: 2948486 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	21.68	1.0	20	0	108	75-126	19.08	12.7	20	
Toluene	21.23	1.0	20	0	106	75-125	18.81	12.1	20	
Ethylbenzene	20.9	1.0	20	0	105	75-125	18.34	13	20	
Methyl tert-butyl ether	106.9	5.0	100	0	107	75-128	88.31	19.1	20	
Xylenes, Total	63.11	3.0	60	0	105	75-125	55.42	13	20	
Surr: 4-Bromofluorobenzene	32.35	1.0	30	0	108	75-129	30.57	5.66	20	
Surr: Trifluorotoluene	34.08	1.0	30	0	114	75-130	32.88	3.6	20	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entech Consulting Corp.
 Work Order: 1209471
 Project: Plains Sites

QC BATCH REPORT

Batch ID: R135276 Instrument ID BTEX1 Method: SW8021B

MS Sample ID: 1209471-06AMS Units: µg/L Analysis Date: 9/20/2012 02:03 AM

Client ID: MW 13 Run ID: BTEX1_120919A SeqNo: 2948502 Prep Date: DF: 5

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	722.8	5.0	100	634.5	88.3	75-126	0			O
Toluene	124.3	5.0	100	0	124	75-125	0			
Ethylbenzene	119.9	5.0	100	0	120	75-125	0			
Methyl tert-butyl ether	607.8	25	500	0	122	75-128	0			
Xylenes, Total	368.7	15	300	3.609	122	75-125	0			
Surr: 4-Bromofluorobenzene	176.4	5.0	150	0	118	75-129	0			
Surr: Trifluorotoluene	179.4	5.0	150	0	120	75-130	0			

MSD Sample ID: 1209471-06AMSD Units: µg/L Analysis Date: 9/20/2012 02:20 AM

Client ID: MW 13 Run ID: BTEX1_120919A SeqNo: 2948503 Prep Date: DF: 5

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	734.5	5.0	100	634.5	99.9	77-126	722.8	1.6	20	O
Toluene	121.8	5.0	100	0	122	75-125	124.3	2	20	
Ethylbenzene	116.5	5.0	100	0	116	76-125	119.9	2.89	20	
Methyl tert-butyl ether	581.6	25	500	0	116	75-128	607.8	4.42	20	
Xylenes, Total	357.2	15	300	3.609	118	75-125	368.7	3.16	20	
Surr: 4-Bromofluorobenzene	172.8	5.0	150	0	115	75-129	176.4	2.07	20	
Surr: Trifluorotoluene	181.7	5.0	150	0	121	75-130	179.4	1.28	20	

The following samples were analyzed in this batch:

1209471-01A	1209471-02A	1209471-03A
1209471-04A	1209471-05A	1209471-06A

Client: Entech Consulting Corp.

Project: Plains Sites

WorkOrder: 1209471

QUALIFIERS, ACRONYMS, UNITS

<u>Qualifier</u>	<u>Description</u>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

<u>Acronym</u>	<u>Description</u>
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MLQ	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

<u>Units Reported</u>	<u>Description</u>
µg/L	Micrograms per Liter

ALS Environmental

Sample Receipt Checklist

Client Name: **ENTECH**

Date/Time Received: **14-Sep-12 09:10**

Work Order: **1209471**

Received by: **JBA**

Checklist completed by Johanne B. Allen
eSignature

14-Sep-12
Date

Reviewed by: Sania West
eSignature

14-Sep-12
Date

Matrices: water

Carrier name: ALS.HS

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Temperature(s)/Thermometer(s):	<u>1.5 C/uc</u> <u>004</u>		
Cooler(s)/Kit(s):	<u>2629</u>		
Date/Time sample(s) sent to storage:	<u>09/14/12 15:00</u>		
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☒	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☒	N/A ☐
pH adjusted by:	<u></u>		

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:



Cincinnati, OH
+1 513 733 5336
Everett, WA
+1 425 356 2600

Fort Collins, CO
+1 970 490 1511
Holland, MI
+1 616 399 6070

Chain Custody Form

Page 1 of 1
COC ID: 64927

1209471

ENTECH: Entech Consulting Corp.
Project: Hugh Gathering

Environmental



Customer Information				Project Information													
Purchase Order	Project Name			Hugh Gathering													
Work Order	Project Number			A BTEX (8021)													
Company Name	Bill To Company			Plains All America, LP													
Send Report To	Invoice Attn			D													
Address	Address			c/o ENV. Accounts Payable													
City/State/Zip	City/State/Zip			P.O. Box 4648													
Phone	Phone			Houston, TX 77210-4648													
Fax	Fax			(713) 646-4198													
e-Mail Address	e-Mail Address			(713) 646-4198													
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW5	9-12	1500	GW	HCl	3	X										
2	MW6		1540														
3	MW7		1520														
4	MW011		1505														
5	MW12		1545														
6	MW13	9-12	1425	GW	HCl	3	X										
7																	
8																	
9																	
10																	

Shipper's Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)		Results Due Date:	
SHANE DILLER	FEDEX	Std 10-WK Days	Std 5-WK Days	Other	24-Hour		
Relinquished by: <u>Shane Diller</u>	Date: <u>9-13</u>	Time: <u>1700</u>	Received by: <u>[Signature]</u>	Date: <u>9/14/13</u>	Time: <u>0900</u>	5 Day TAT	
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler ID:	Cooler Temp:	QC Packages: (Check One Box Below)	
						☒ Level II Std QC ☐ TRRP Checklist	
						☐ Level III Std QC/Raw Data ☐ TRRP Level IV	
						☐ Level IV SW846/CLP ☐ Other/EDD	

Preservative Key:	
1-HCl	2-HNO ₃
3-H ₂ SO ₄	4-NaOH
5-Na ₂ S ₂ O ₃	6-NaHSO ₄
7-Other	8-4°C
9-5035	

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

ATTN: This portion can be removed for Recipient's records.

to 9-13-12

FedEx
Tracking Number

899652673264

Order's
Name

SHANE DILLER

Phone

432 230 3344

Company

Entech

Address

3211 MARK

Dept./P.O./Suite/Room

MIDLAND

State

TX ZIP 79707

Our Internal Billing Reference

Hugh Gathering PLANNING



ALS Environmental

10450 Standliff Rd., Suite 210

Houston, Texas 77099

Tel. +1 281 530 5656

Fax: +1 281 530 5887

CUSTODY SEAL

9-13

Time:

1200

Company:

ENTECH

By: [Signature]
7/11/12



30-Nov-2012

Kathleen Buxton
Entech Consulting Corp.
21 Waterway Avenue
Suite 300
The Woodlands, TX 77380

Tel: (979) 997-2338
Fax: (281) 362-2704

Re: Hugh Gathering

Work Order: 1211762

Dear Kathleen,

ALS Environmental received 7 samples on 21-Nov-2012 09:15 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 17.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Electronically approved by: Jumoke M. Lawal

Patricia L. Lynch
Project Manager



Certificate No: TX: T104704231-12-10

Client: Entech Consulting Corp.
Project: Hugh Gathering
Work Order: 1211762

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
1211762-01	MW5	Water		11/19/2012 10:10	11/21/2012 09:15	☐
1211762-02	MW6	Water		11/19/2012 10:15	11/21/2012 09:15	☐
1211762-03	MW7	Water		11/19/2012 10:25	11/21/2012 09:15	☐
1211762-04	MW11	Water		11/19/2012 10:30	11/21/2012 09:15	☐
1211762-05	MW12	Water		11/19/2012 10:40	11/21/2012 09:15	☐
1211762-06	MW13	Water		11/19/2012 10:45	11/21/2012 09:15	☐
1211762-07	Trip Blank	Water		11/19/2012	11/21/2012 09:15	☐

ALS Environmental

Date: 30-Nov-12

Client: Entech Consulting Corp.

Project: Hugh Gathering

Work Order: 1211762

Case Narrative

Batch R138889, BTEX, Sample 1211715-11: MS/MSD is for an unrelated sample.

ALS Environmental

Date: 30-Nov-12

Client: Entech Consulting Corp.

Project: Hugh Gathering

Sample ID: MW5

Collection Date: 11/19/2012 10:10 AM

Work Order: 1211762

Lab ID: 1211762-01

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Prep	Date Analyzed
BTEX BY SW8021B			SW8021B				Analyst: SMA
Benzene	1.1		1.0	µg/L	1		11/27/2012 04:19 PM
Toluene	U		1.0	µg/L	1		11/27/2012 04:19 PM
Ethylbenzene	56		1.0	µg/L	1		11/27/2012 04:19 PM
Xylenes, Total	14		3.0	µg/L	1		11/27/2012 04:19 PM
Surr: 4-Bromofluorobenzene	115		75-129	%REC	1		11/27/2012 04:19 PM
Surr: Trifluorotoluene	106		75-130	%REC	1		11/27/2012 04:19 PM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: 30-Nov-12

Client: Entech Consulting Corp.

Project: Hugh Gathering

Sample ID: MW6

Collection Date: 11/19/2012 10:15 AM

Work Order: 1211762

Lab ID: 1211762-02

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Prep	Date Analyzed
BTEX BY SW8021B			SW8021B				Analyst: SMA
Benzene	U		1.0 µg/L		1		11/27/2012 08:06 AM
Toluene	U		1.0 µg/L		1		11/27/2012 08:06 AM
Ethylbenzene	U		1.0 µg/L		1		11/27/2012 08:06 AM
Xylenes, Total	U		3.0 µg/L		1		11/27/2012 08:06 AM
Surr: 4-Bromofluorobenzene	113		75-129 %REC		1		11/27/2012 08:06 AM
Surr: Trifluorotoluene	92.6		75-130 %REC		1		11/27/2012 08:06 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: 30-Nov-12

Client: Entech Consulting Corp.

Project: Hugh Gathering

Sample ID: MW7

Collection Date: 11/19/2012 10:25 AM

Work Order: 1211762

Lab ID: 1211762-03

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Prep	Date Analyzed
BTEX BY SW8021B			SW8021B				Analyst: SMA
Benzene	U		1.0	µg/L	1		11/27/2012 08:24 AM
Toluene	U		1.0	µg/L	1		11/27/2012 08:24 AM
Ethylbenzene	U		1.0	µg/L	1		11/27/2012 08:24 AM
Xylenes, Total	U		3.0	µg/L	1		11/27/2012 08:24 AM
Surr: 4-Bromofluorobenzene	116		75-129	%REC	1		11/27/2012 08:24 AM
Surr: Trifluorotoluene	95.0		75-130	%REC	1		11/27/2012 08:24 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental**Date:** 30-Nov-12**Client:** Entech Consulting Corp.**Project:** Hugh Gathering**Sample ID:** MW11**Collection Date:** 11/19/2012 10:30 AM**Work Order:** 1211762**Lab ID:** 1211762-04**Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Prep	Date Analyzed
BTEX BY SW8021B			SW8021B				Analyst: SMA
Benzene	U		1.0 µg/L		1		11/27/2012 08:41 AM
Toluene	U		1.0 µg/L		1		11/27/2012 08:41 AM
Ethylbenzene	U		1.0 µg/L		1		11/27/2012 08:41 AM
Xylenes, Total	U		3.0 µg/L		1		11/27/2012 08:41 AM
Surr: 4-Bromofluorobenzene	114		75-129 %REC		1		11/27/2012 08:41 AM
Surr: Trifluorotoluene	95.0		75-130 %REC		1		11/27/2012 08:41 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: 30-Nov-12

Client: Entech Consulting Corp.

Project: Hugh Gathering

Sample ID: MW12

Collection Date: 11/19/2012 10:40 AM

Work Order: 1211762

Lab ID: 1211762-05

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Prep	Date Analyzed
BTEX BY SW8021B			SW8021B				Analyst: SMA
Benzene	2.2		1.0 µg/L		1		11/27/2012 08:59 AM
Toluene	U		1.0 µg/L		1		11/27/2012 08:59 AM
Ethylbenzene	U		1.0 µg/L		1		11/27/2012 08:59 AM
Xylenes, Total	U		3.0 µg/L		1		11/27/2012 08:59 AM
Surr: 4-Bromofluorobenzene	125		75-129 %REC		1		11/27/2012 08:59 AM
Surr: Trifluorotoluene	110		75-130 %REC		1		11/27/2012 08:59 AM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: 30-Nov-12

Client: Entech Consulting Corp.

Project: Hugh Gathering

Sample ID: MW13

Collection Date: 11/19/2012 10:45 AM

Work Order: 1211762

Lab ID: 1211762-06

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Prep	Date Analyzed
BTEX BY SW8021B			SW8021B				Analyst: SMA
Benzene	100		1.0	µg/L	1		11/27/2012 04:37 PM
Toluene	U		1.0	µg/L	1		11/27/2012 04:37 PM
Ethylbenzene	U		1.0	µg/L	1		11/27/2012 04:37 PM
Xylenes, Total	U		3.0	µg/L	1		11/27/2012 04:37 PM
Surr: 4-Bromofluorobenzene	123		75-129	%REC	1		11/27/2012 04:37 PM
Surr: Trifluorotoluene	104		75-130	%REC	1		11/27/2012 04:37 PM

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Environmental

Date: 30-Nov-12

Client: Entech Consulting Corp.

QC BATCH REPORT

k Order: 1211762

Project: Hugh Gathering

Batch ID: R138859 Instrument ID BTEX1 Method: SW8021B

MBLK Sample ID: BBLKW2-121126-R138859 Units: µg/L Analysis Date: 11/27/2012 03:38 AM

Client ID: Run ID: BTEX1_121126B SeqNo: 3029737 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	U	1.0								
Toluene	U	1.0								
Ethylbenzene	U	1.0								
Xylenes, Total	U	3.0								
Surr: 4-Bromofluorobenzene	33.78	1.0	30	0	113	75-129	0			
Surr: Trifluorotoluene	28.39	1.0	30	0	94.6	75-130	0			

LCS Sample ID: BLCSW2-121126-R138859 Units: µg/L Analysis Date: 11/27/2012 03:02 AM

Client ID: Run ID: BTEX1_121126B SeqNo: 3029735 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.94	1.0	20	0	94.7	75-126	0			
Toluene	18.8	1.0	20	0	94	75-125	0			
Ethylbenzene	18.93	1.0	20	0	94.6	75-125	0			
Xylenes, Total	57.37	3.0	60	0	95.6	75-125	0			
Surr: 4-Bromofluorobenzene	33.58	1.0	30	0	112	75-129	0			
Surr: Trifluorotoluene	32.34	1.0	30	0	108	75-130	0			

LCSD Sample ID: BLCSWDW2-121126-R138859 Units: µg/L Analysis Date: 11/27/2012 03:20 AM

Client ID: Run ID: BTEX1_121126B SeqNo: 3029736 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.89	1.0	20	0	94.5	75-126	18.94	0.263	20	
Toluene	18.71	1.0	20	0	93.6	75-125	18.8	0.48	20	
Ethylbenzene	18.84	1.0	20	0	94.2	75-125	18.93	0.49	20	
Xylenes, Total	57.35	3.0	60	0	95.6	75-125	57.37	0.0279	20	
Surr: 4-Bromofluorobenzene	34.07	1.0	30	0	114	75-129	33.58	1.45	20	
Surr: Trifluorotoluene	31.95	1.0	30	0	107	75-130	32.34	1.19	20	

MS Sample ID: 1211668-03AMS Units: µg/L Analysis Date: 11/27/2012 04:50 AM

Client ID: Run ID: BTEX1_121126B SeqNo: 3029740 Prep Date: DF: 5

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	389.3	5.0	100	290.6	98.6	75-126	0			
Toluene	105.5	5.0	100	0	106	75-125	0			
Ethylbenzene	114.1	5.0	100	13.2	101	75-125	0			
Xylenes, Total	833.2	15	300	543	96.7	75-125	0			
Surr: 4-Bromofluorobenzene	173.2	5.0	150	0	115	75-129	0			
Surr: Trifluorotoluene	170.1	5.0	150	0	113	75-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entech Consulting Corp.
Work Order: 1211762
Project: Hugh Gathering

QC BATCH REPORT

Batch ID: **R138859** Instrument ID **BTEX1** Method: **SW8021B**

MSD Sample ID: **1211668-03AMSD** Units: **µg/L** Analysis Date: **11/27/2012 05:07 AM**

Client ID: Run ID: **BTEX1_121126B** SeqNo: **3029741** Prep Date: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	386.8	5.0	100	290.6	96.1	77-126	389.3	0.639	20	
Toluene	103.3	5.0	100	0	103	75-125	105.5	2.07	20	
Ethylbenzene	112.2	5.0	100	13.2	99	76-125	114.1	1.73	20	
Xylenes, Total	817.8	15	300	543	91.6	75-125	833.2	1.86	20	
Surr: 4-Bromofluorobenzene	178.1	5.0	150	0	119	75-129	173.2	2.8	20	
Surr: Trifluorotoluene	170.5	5.0	150	0	114	75-130	170.1	0.244	20	

The following samples were analyzed in this batch:

1211762-02A	1211762-03A	1211762-04A
1211762-05A		

Client: Entech Consulting Corp.
 Work Order: 1211762
 Project: Hugh Gathering

QC BATCH REPORT

Batch ID: **R138889** Instrument ID **BTEX1** Method: **SW8021B**

MBLK Sample ID: **BBLKW1-121127-R138889** Units: **µg/L** Analysis Date: **11/27/2012 01:30 PM**

Client ID: Run ID: **BTEX1_121127A** SeqNo: **3030227** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	U	1.0								
Toluene	U	1.0								
Ethylbenzene	U	1.0								
Xylenes, Total	U	3.0								
Surr: 4-Bromofluorobenzene	33.7	1.0	30	0	112	75-129	0			
Surr: Trifluorotoluene	27.91	1.0	30	0	93	75-130	0			

LCS Sample ID: **BLCW1-121127-R138889** Units: **µg/L** Analysis Date: **11/27/2012 12:54 PM**

Client ID: Run ID: **BTEX1_121127A** SeqNo: **3030225** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18.59	1.0	20	0	92.9	75-126	0			
Toluene	18.31	1.0	20	0	91.5	75-125	0			
Ethylbenzene	18.27	1.0	20	0	91.3	75-125	0			
Xylenes, Total	55.36	3.0	60	0	92.3	75-125	0			
Surr: 4-Bromofluorobenzene	34.42	1.0	30	0	115	75-129	0			
Surr: Trifluorotoluene	32.44	1.0	30	0	108	75-130	0			

LCSD Sample ID: **BLCSDW1-121127-R138889** Units: **µg/L** Analysis Date: **11/27/2012 01:12 PM**

Client ID: Run ID: **BTEX1_121127A** SeqNo: **3030226** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	18	1.0	20	0	90	75-126	18.59	3.22	20	
Toluene	17.24	1.0	20	0	86.2	75-125	18.31	6.03	20	
Ethylbenzene	16.39	1.0	20	0	81.9	75-125	18.27	10.8	20	
Xylenes, Total	50.32	3.0	60	0	83.9	75-125	55.36	9.54	20	
Surr: 4-Bromofluorobenzene	34.32	1.0	30	0	114	75-129	34.42	0.27	20	
Surr: Trifluorotoluene	31.01	1.0	30	0	103	75-130	32.44	4.5	20	

MS Sample ID: **1211715-11AMS** Units: **µg/L** Analysis Date: **11/27/2012 02:59 PM**

Client ID: Run ID: **BTEX1_121127A** SeqNo: **3030231** Prep Date: DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1195	10	200	1063	66.1	75-126	0			SO
Toluene	216.1	10	200	0	108	75-125	0			
Ethylbenzene	537.1	10	200	361.1	88	75-125	0			
Xylenes, Total	1747	30	600	1237	85.1	75-125	0			
Surr: 4-Bromofluorobenzene	377.1	10	300	0	126	75-129	0			
Surr: Trifluorotoluene	349.2	10	300	0	116	75-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entech Consulting Corp.
Work Order: 1211762
Project: Hugh Gathering

QC BATCH REPORT

Batch ID: **R138889** Instrument ID **BTEX1** Method: **SW8021B**

MSD Sample ID: **1211715-11AMSD** Units: **µg/L** Analysis Date: **11/27/2012 03:17 PM**

Client ID: Run ID: **BTEX1_121127A** SeqNo: **3030232** Prep Date: DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1193	10	200	1063	65.3	77-126	1195	0.128	20	SO
Toluene	197.3	10	200	0	98.6	75-125	216.1	9.11	20	
Ethylbenzene	526.5	10	200	361.1	82.7	76-125	537.1	1.99	20	
Xylenes, Total	1725	30	600	1237	81.3	75-125	1747	1.32	20	
Surr: 4-Bromofluorobenzene	350.8	10	300	0	117	75-129	377.1	7.2	20	
Surr: Trifluorotoluene	349.7	10	300	0	117	75-130	349.2	0.145	20	

The following samples were analyzed in this batch:

1211762-01A 1211762-06A

Client: Entech Consulting Corp.
Project: Hugh Gathering
WorkOrder: 1211762

**QUALIFIERS,
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

<u>Acronym</u>	<u>Description</u>
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

<u>Units Reported</u>	<u>Description</u>
µg/L	Micrograms per Liter

ALS Environmental

Sample Receipt Checklist

Client Name: **ENTECH**

Date/Time Received: **21-Nov-12 09:15**

Work Order: **1211762**

Received by: **RDH**

Checklist completed by *Rishell D. Naran*
eSignature

23-Nov-12
Date

Reviewed by: *Patricia L. Lynch*
eSignature

26-Nov-12
Date

Matrices: **water**

Carrier name: **FedEx**

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Temperature(s)/Thermometer(s):	<u>1.9c u/c</u> <u>005</u>		
Cooler(s)/Kit(s):	<u>2835</u>		
Date/Time sample(s) sent to storage:	<u>11/23/12 09:35</u>		
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☒
pH adjusted?	Yes ☐	No ☐	N/A ☒
pH adjusted by:	<u></u>		

Login Notes: **Trip blank received; not on COC**

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:



Cincinnati, OH
+1 513 733 5336
Everett, WA
+1 425 356 2600

Fort Collins, CO
+1 970 490 1511
Holland, MI
+1 616 399 6070

Chain of Custody Form

Page 1 of 1

COC ID: 71483

1211762

ENTECH: Entech Consulting Corp.

Project: Hugh Gathering

Environmental

Customer Information

Purchase Order	Project Name	Hugh Gathering	
Work Order	Project Number		
Company Name	Bill To Company	Plains All America, LP	
Send Report To	Invoice Attn		
Address	Address	c/o ENV. Accounts Payable P.O. Box 4648	
City/State/Zip	City/State/Zip	Houston, TX 77210-4648	
Phone	Phone	(713) 646-4610	
Fax	Fax	(713) 646-4199	
e-Mail Address	e-Mail Address		

Project Information

ALS Project Manager:		BTEX (8021)	
Project Name		Hugh Gathering	
Project Number			
Bill To Company		Plains All America, LP	
Invoice Attn			
Address		c/o ENV. Accounts Payable P.O. Box 4648	
City/State/Zip		Houston, TX 77210-4648	
Phone		(713) 646-4610	
Fax		(713) 646-4199	
e-Mail Address			

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW5	11-19	1010	GW	HCL	3	X										
2	MW6		1015														
3	MW7		1025														
4	MW11		1030														
5	MW12		1040														
6	MW13	11-19	1045	GW	HCL	3	X										
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)		Results Due Date:	
J.A. Diller JANE A. DILLER		FIEDEV		☐ Std 10 WK Days ☒ 5 WK Days ☐ 2 WK Days ☐ 24 Hour		☐ Other	
Relinquished by:		Time: 11-20 1730		Notes: 11/21/12		QC Package: (Check One Box Below)	
Relinquished by:		Time: 11-20 1730		Cooler Temp.		☒ Level II Std QC ☐ TRRP Checklists	
Logged by (Laboratory):		Date: 11-20 1730		Cooler ID		☐ Level III Std QC/RAW Data ☐ TRRP Level IV	
Relinquished by:		Time: 11-20 1730		Checked by (Laboratory):		☐ Level IV SW846/CLP ☐ Other / EDD	
Preservative Key:		1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035					

note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

FedEx

TRK#
0215

8013 7025 3079

WED - 21 NOV A1
PRIORITY OVERNIGHT

AB SGRA

77099

TX-US
IAH



96 20NOV12 MAFA 515C3/EE3B/6723

121762



ALS Environmental

10450 Stancil Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

Date:
Name:
Company:

to:
from:
company:

CUSTODY SEAL

Seal Broken By

Date: 11-21-12 Time: 1730
Name: Eric Duth
Company: EAT CL

11/22/12