

**2021 ANNUAL GROUNDWATER
MONITORING REPORT
D S HUGH SITE
LEA COUNTY, NEW MEXICO
UL-K, SECTION 26, T21S, R37E
PLAINS SRS#: 2000-10807
NMOCD NO.: 1R-0463
INCIDENT ID: NAPP2108838834**

Review of 2021 ANNUAL
GROUNDWATER MONITORING
REPORT: **Content satisfactory**

Contractor recommendations approved
by NMOCD and are as follows;

1. Continue PSH recovery from
MW-1, RW-1, and RW-2 on a monthly
basis (as applicable)
 2. Removal of MW-2, MW-3,
MW-6, and MW-7 from quarterly
monitoring events.
 3. Continue groundwater
monitoring on a quarterly basis for
MW-1, MW-4, MW-5, RW-1, and RW-2.
 4. Continue groundwater
monitoring and sampling on a quarterly
basis
 5. OCD approves the elimination
of PAH sample collection from monitor
well MW-1 and recovery wells RW-1
and RW-2
 6. Conduct annual groundwater
sampling of all wells at the site.
 7. Collect PAH sample from
recovery well RW-4 in 2022
- Submit the Annual Monitoring Report
to the NMOCD no later than March 31,
2023.

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MARCH 2022



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1.0 INTRODUCTION AND OBJECTIVES

1.1 Objectives and Site Background

On November 10, 2000, a 4-inch steel pipeline at the D S Hugh 4-inch gathering line site (Site) released approximately twenty (20) barrels (bbls) of crude oil into the subsurface. This pipeline was formerly owned by EOTT Energy, LLC (EOTT) and is currently owned by Plains Pipeline, L.P. (Plains). The Site is located in Unit Letter K, T21S, R37E, Section 26 of Lea County, New Mexico, approximately two (2) miles east of Eunice, New Mexico (**Figure 1**) or more specifically at latitude 32° 26' 48" N and longitude 103° 08' 07" W. The affected area was reported to be approximately 200-feet by 15-feet within the pipeline right-of-way (ROW). The leak that occurred at the Site on November 10, 2000, was apparently caused by corrosion of a pipeline. The release was reported by EOTT to Ms. Donna Williams at the New Mexico Oil Conservation Division (NMOCD) on November 10, 2000 at 2:25 P.M. Approximately five (5) bbls of product were reported as recovered out of the approximately 20-bbls reported released into the subsurface.

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

This report summarizes the groundwater gauging activities, quarterly groundwater monitoring activities, and phase-separated hydrocarbons (PSH) recovery efforts that took place during 2021.

1.2 Previous Remedial Responses and Environmental Investigations

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

Site delineation activities in 2005 included the installation of five (5) soil borings and collection of soil samples within and adjacent to the flow path of the release. Based on the findings of the September 2005 investigation, and the surface expression of the release, three (3) groundwater monitor wells (MW-1 through MW-3) were installed in December 2005. Total petroleum hydrocarbon (TPH) concentrations in soil from monitor well MW-1 were above 100 milligrams per kilogram (mg/kg) from the surface to the first water bearing zone at a depth of 45-feet below ground surface (bgs). A PSH sheen was observed in groundwater samples collected from monitor well MW-1. In May 2006, further soil investigation was conducted by EarthCon to delineate the extent of hydrocarbon contamination in soil. During this investigation, monitor wells MW-4 through MW-7 were installed (**Figure 2**).

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

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

Quarterly groundwater monitoring was implemented for the Site in 2006 and continues to date. Groundwater PSH recovery was conducted on a weekly basis on monitor well MW-1. Monitor well MW-4 was initially gauged weekly in 2011 due to measurable amounts of PSH. Gauging of the well was reduced to a monthly basis when PSH was no longer observed. Approximately 1,335-gallons of water containing dissolved phase hydrocarbons and 70-gallons of entrained PSH were recovered from monitor well MW-1 in 2013. Approximately 70-gallons of PSH and 1,125-gallons total of affected groundwater were recovered from the wells containing PSH or sheen during 2014.

To increase the PSH recovery efforts at the Site, two (2) additional recovery wells were installed in August 2014 in the vicinity of monitor well MW-1 (RW-1 and RW-2).

Groundwater and PSH recovery for 2021 are presented below in Section 2. This report summarizes the activities conducted in 2021 for groundwater sampling and analysis and PSH recovery activities.

1.3 Regulatory Framework

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

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

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Chemical of Concern	Limit (mg/L)
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 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 historical information provided by Plains and their contractors, and conversations with Plains personnel and their contractors familiar with the Site. EnTech has not conducted an independent examination of the information contained in external project files or that provided by Plains or their contract personnel. EnTech has prepared this report using the level of care and professionalism in the industry for similar projects under similar conditions. 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 2021 primarily consisted of gauging wells for groundwater levels, determining the presence or absence of PSH, and recovery of product using absorbent socks, hand bailing, and submersible pumps. Groundwater sampling of PSH-free monitor and recovery wells was also completed on a quarterly basis in 2021 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 PSH recovery events and quarterly groundwater sampling events. Seven (7) monitor wells (MW-1 through MW-7) and two (2) recovery wells (RW-1 and RW-2) were gauged using an electronic oil/water interface probe. The well locations are shown on **Figure 2**.

Groundwater level elevations and the presence of PSH, if any, were noted for each well. In cases where no measurable PSH was detected by the interface probe, the downhole sensor of the probe was examined for the presence of PSH upon removal from the well. One (1) monitor well (MW-1), and two (2) recovery wells (RW-1 and RW-2), contained PSH during at least during one gauging event in 2021, however not during the quarterly groundwater sampling events. Recovery wells RW-1 and RW-2 were sampled in all four (4) quarters of 2021, whereas monitor well MW-1 was sampled in the 1st, 2nd, and 3rd quarters of 2021 only due to the presence of sheen/PSH, in the 4th quarter. While a sheen was observed in recovery wells RW-1 and RW-2 during 2021, the recovery wells were sampled in all four (4) quarters as the sheen was not observed after groundwater purging and prior to sampling. Starting in the second quarter of 2008 all recovery and monitor wells with PSH or sheen were required to be sampled annually and analyzed for polycyclic aromatic hydrocarbons (PAH). Due to this requirement, groundwater samples were collected from monitor well MW-1 and recovery wells RW-1 and RW-2 during the second quarter of 2021 and analyzed for PAHs. A PAH sample was collected from MW-4 during 2021 to complete the requirement to have two consecutive samples collected below regulatory requirements. Per the approval of the NMOCD on January 12, 2022, PAH sampling will be discontinued in 2022 with the exception of MW-4, which will have a second annual sample collected. Based on the analytical results in 2022 for MW-4, the PAH samples may be proposed to be discontinued.

Except as noted above, groundwater monitor wells not exhibiting PSH or a hydrocarbon sheen were gauged and sampled quarterly. After collecting and recording groundwater levels and PSH thicknesses, 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 analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) with select wells being analyzed for PAHs.

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 Pace Analytical of Mount Juliet, Tennessee for analysis. The groundwater samples were analyzed for BTEX by Environmental Protection Agency (EPA) Method SW 846-8260B and PAHs by EPA Method SW 8270C.

2.2 Groundwater Gauging

Table 1 summarizes groundwater gauging (elevation and PSH thickness) measurements taken before each quarterly groundwater sampling event in 2021. Groundwater elevations and PSH thickness measurements were taken in monitor well MW-1 and recovery wells RW-1 and RW-2 monthly in 2021. Monitor wells MW-2 through MW-7 were gauged on a quarterly basis in all of 2021. Groundwater elevation measurements were recorded quarterly for all monitor and recovery wells (MW-1 through MW-7, RW-1, and RW-2) in 2021. 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 polyvinyl chloride (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 March 24, June 29, August 27, and December 2, 2021. The hydraulic gradient in 2021 ranged from 0.0005 to 0.0033 feet/foot (ft/ft), based on groundwater elevations measured between monitor wells MW-2 and MW-6. The groundwater gradient and flow direction to the east-southeast across the Site during 2021 were similar to the gradient and direction observed during the previous five (5) years.

2.4 Groundwater Analytical Results

Except for monitor well MW-1, due to presence of sheen/PSH in the fourth quarter of 2021, groundwater samples were collected from all monitor and recovery wells during each quarterly sampling event of 2021 (see **Table 3**). The monitor wells were purged by removing a minimum of three (3) to five (5) well volumes of groundwater, or depending on groundwater conditions, bailed dry three (3) 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 Pace Analytical (Pace), in Mount Juliet, Tennessee for analysis. Groundwater samples were analyzed for BTEX using EPA Method SW-846 8260B. PAH analysis was performed on groundwater samples collected from monitor wells MW-1, and recovery wells RW-1 and RW-2 by EPA Method SW 8270C during the second quarterly sampling event and MW-4 during the third quarterly sampling event.

Groundwater samples were collected from all monitor and recovery wells during all four (4) quarters of 2021, except for MW-1, which was not sampled during the 4th quarter due to observed PSH. The quarterly sampling events are discussed in individual detail below.

First Quarter 2021

During the 1st quarterly sampling event, laboratory analysis of groundwater samples collected from recovery well RW-1 indicated benzene concentrations above the NMOCD criteria of 0.01 milligrams per Liter (mg/L). Benzene concentrations were analyzed at nondetectable levels or below the NMOCD criteria of 0.01 mg/L in all other monitor and recovery wells. Toluene, ethylbenzene, and total xylenes concentrations in groundwater samples collected from all monitor wells in the 1st quarterly sampling event occurred at non-detectable levels or levels below the NMOCD remediation criteria.

Second Quarter 2021

During the 2nd quarterly sampling event, laboratory analysis of groundwater samples collected from monitor well MW-1 indicated benzene concentrations above the NMOCD criteria of 0.01 mg/L. Benzene concentrations were analyzed at nondetectable levels or below the NMOCD criteria in all other monitor and recovery wells. Toluene, ethylbenzene, and total xylenes concentrations in groundwater samples collected from all monitor wells in the 2nd quarterly sampling event occurred at non-detectable levels or levels below the NMOCD remediation criteria. Laboratory analysis of PAHs in groundwater samples collected from monitor well MW-1 and recovery wells RW-1 and RW-2 indicated concentrations below the New Mexico Water Quality Standards.

Third Quarter 2021

During the 3rd quarterly sampling event, laboratory analysis of groundwater samples collected from monitor well RW-2 indicated benzene concentrations above the NMOCD criteria of 0.01 mg/L. Laboratory analysis of groundwater samples collected from monitor wells MW-1 through MW-7 and recovery well RW-1 indicated benzene, toluene, ethylbenzene, and total xylene concentrations below the NMOCD remediation criteria. Laboratory analysis of PAHs in groundwater samples collected from monitor well MW-4 indicated concentrations below the New Mexico Water Quality Standards

Fourth Quarter 2021

A groundwater sample was not collected from monitor well MW-1 due to measurable PSH. Benzene concentrations were analyzed at nondetectable levels in all monitor and recovery wells. Toluene, ethylbenzene, and total xylenes concentrations in groundwater samples collected from all monitor wells in the 4th quarterly sampling event occurred at non-detectable levels or levels below the NMOCD remediation criteria.

The 2021 analytical results are presented in **Table 3**, and historical analytical results are presented in **Table 4**. **Table 2.4.1** below summarizes the benzene concentrations that were observed in 2021. Benzene concentrations reported in exceedance of NMOCD standards are marked in **bold**.

Table 2.4.1				
2021 COC Concentrations (mg/L)				
2021	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
	Benzene	Benzene	Benzene	Benzene
NMOCD Remediation Criteria (mg/L)	0.01	0.01	0.01	0.01
MW-1	0.00568	0.0205	0.00504	NS
RW-1	0.0147	0.00756	<0.001	0.00290
RW-2	<0.001	<0.001	0.0234	<0.001

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

NS – Not sampled due to PSH sheen or measurable thickness.

The 2021 laboratory analytical reports are provided in **Appendix A**. The groundwater analytical data and PSH thickness data for each quarterly sampling event for 2021 are presented in **Figures 4A through 4D**.

From 2008 through 2021, 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. To meet this requirement groundwater samples were collected from monitor wells MW-1 and recovery wells RW-1 and RW-2 during the second quarter and analyzed for BTEX constituents (see **Tables 3 and 4** for analytical data) as well as PAHs (see **Table 5**). The NMOCD requires annual PAH analysis be conducted on each monitor well until laboratory analysis indicates the PAH concentrations are below the NMOCD remediation criteria for the constituent sampled. PAH samples were collected in MW-4 during 2021 and will be collected in 2022 to complete two consecutive groundwater samples events without exceedances. Groundwater sampling for PAH will be discontinued on the remaining wells at the site as PAH concentrations have remained below NMOCD remediation criteria for a minimum of two consecutive years. Per the approval of the NMOC on January 12, 2022, PAH sampling will be discontinued in 2022 with the exception of MW-4, which will have a second annual sample collected. Based on the analytical results of the 2022 for MW-4, the PAH samples may be proposed to be discontinued.

Copies of the laboratory analytical data packages are included in **Appendix A**.

2.5 Groundwater Waste Disposal

Purge water from well sampling at wells MW-1 through MW-7 and RW-1 and RW-2 is placed in the 1,100-gallon above ground storage tank (AST). These liquids are vacuumed from the tank and transported off-Site for disposal by Gandy Corporation of Lovington, New Mexico.

3.0 PSH RECOVERY

3.1 PSH Recovery Methodology

In addition to collecting groundwater samples on a quarterly basis in 2021, EnTech performed monthly visits to the Site to gauge and recover PSH from three (3) wells with PSH/sheen (MW-1, RW-1 and RW-2). Measurements of PSH and water levels were recorded during each Site visit (see **Table 2**). PSH recovery activities were completed using submersible pumps, hand bailer and/or absorbent socks. Routine PSH recovery activities typically consisted of the removal of less than 1-gallon of PSH and 10 to 20-gallons of groundwater with possible dissolved phase hydrocarbons from each well. Measurable PSH was observed in monitor well MW-1 during 2021 ranging in thickness from a sheen to 0.07-foot. A sheen of PSH was also observed in recovery wells RW-1 and RW-2 during at least one (1) quarterly sampling event.

3.2 PSH Recovery via Pumping and Manual Bailing

During 2021, PSH ranging from a sheen to a measurable thickness was observed in monitor well MW-1 and a sheen only in recovery wells RW-1 and RW-2. In general, stable or slightly fluctuating trends in the PSH thickness has been observed for these wells. Monthly recovery data for PSH and dissolved phase groundwater are presented in **Table 6**.

A stable to slightly fluctuating trend in the PSH thickness in monitor well MW-1 was observed during 2021 ranging from a sheen to 0.07-foot.

A stable to slightly fluctuating trend in the PSH thickness in recovery well RW-1 and RW-2 was observed in 2021. The maximum PSH thicknesses in these two (2) recovery wells occurred as a sheen.

3.3 PSH Waste Disposal

PSH was observed during recovery events in 2021. Approximately 0.50-gallons of PSH and 404.50-gallons of affected groundwater was recovered from the wells containing PSH. These liquids are stored in an 1,100-gallon AST on-Site until collected and transported for off-Site disposal by Gandy Corporation of Lovington, New Mexico.

4.0 MONITORED NATURAL ATTENUATION

4.1 Regulatory Framework for Monitored Natural Attenuation

Monitored Natural Attenuation (MNA) is defined by the New Mexico Environmental Department (NMED) 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 protective concentration limit exceedance (PCLE) zone migration and decreasing COC concentrations.

4.2 Monitored Natural Attenuation Information

The DS Hugh Site is currently undergoing Plume Stability Analysis (PSA). Analyses for geochemical parameters, such as dissolved oxygen (DO), nitrate (NO₃), sulfate (SO₄²⁻), and ferrous iron (Fe²⁺), for monitor /recovery wells MW-1, MW-3, MW-6, and MW-7. Hach® Test Kits and colorimeter were used to measure DO, NO₃, SO₄²⁻ and Fe²⁺. A YSI Multimeter Sonde was used to measure DO, oxidation reduction potential (ORP), potential of hydrogen (pH), conductivity, and specific conductivity, to determine stabilization per the low flow sampling protocol. These measurements are summarized in Table 9, Appendix B.

The water quality parameters were analyzed to determine if the prevailing conditions in the subsurface environment are aerobic or anaerobic and whether sufficient nutrients are present for microbial growth. The following is a summary of key observations stemming from the geochemical analyses.

- Field measurements indicate that ORP in the wells within the affected area around recovery well MW-1 is relatively low. This correlates with low DO concentrations in these same wells.
- The pH appears to be mostly neutral, ranging from 6.58 to 6.99.
- Ferrous iron concentrations ranged from 0.00 mg/L to 0.45 mg/L in the groundwater samples collected during the second quarter sampling event of 2021. The maximum concentration was observed in the groundwater sample collected from monitor well MW-1.

MNA is defined as monitoring the reduction in mass or concentration of a COC over time or distance from the source of a COC due to naturally occurring physical, chemical and biological processes, such as: biodegradation, dispersion, dilution, adsorption, and volatilization. These parameters help determine if prevailing conditions in the subsurface environment are aerobic or anaerobic and whether sufficient nutrients are present for microbial growth. Knowledge of existing subsurface conditions will help better evaluate the effects of air injection and microbial activity at the Site through time

Additional MNA evaluation for the site has been completed and additional PLOEs exist and include:

- The benzene concentrations reported in the groundwater samples collected from the monitor wells down-gradient of the plume (MW-6 and MW-7) from 2007 through 2021 were below the NMOCD Remediation Criteria;
- Benzene concentrations reported in the groundwater samples collected from cross-gradient monitor wells (MW-2 and MW-5) from 2010 through 2021, were below the NMOCD Remediation Criteria; and,
- Benzene concentrations analyzed in the groundwater samples collected from monitor well MW-1 and recovery well RW-2 during at least one (1) quarterly sampling event in 2021, exceeded the NMOCD criteria of 0.01 mg/L.

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 is conducted periodically in order to understand the overall stability of the benzene plume during 2006 through 2021. This report includes the development of benzene concentration isopleths maps for each year and performance of Mann-Kendall Trend Test (MKTT).

The benzene concentrations utilized for the 2021 concentration isopleth map (**Figure 11**) were developed from the average of the benzene concentrations reported in the four (4) quarterly groundwater sampling events and was used for all the PSH-free monitor wells (monitor wells MW-

2 through MW-7, and recovery wells RW-1 and RW-2). The benzene concentrations reported in groundwater samples collected from monitor well MW-1 in the first, second and third quarterly sampling events were averaged for 2021.

The benzene isopleth maps for 2015 through 2021 are presented in **Figures 5 through 11**, respectively.

4.3 Mann-Kendall Analysis

The Mann-Kendall True Trend is a statistical method used to analyze data collected over time for consistently increasing or decreasing trends. It is a non-parametric test, which means it works for all distributions (i.e. the data doesn't have to meet the assumption of normality), but the data should have no serial correlation.

The test can be used to find trends for as few as four (4) samples. However, with only a few data points, the test has a high probability of not finding a trend when one would be present if more points were provided. The more data points available, the more likely the test is going to find a true trend. The minimum number of recommended measurements is therefore at least eight (8) to ten (10) (Reference: Prashanth Khambhammettu: "Mann-Kendall Analysis for the Fort Ord Site", HydroGeoLogic, Inc.-OU-1 2004 Annual Groundwater Monitoring Report-Former Fort Ord, California, 2005).

Concentrations of benzene analyzed in groundwater samples collected from the Site between June 6, 2014 and December 2, 2021 were evaluated using the MKTT. Only monitor wells with detectable concentrations of benzene were evaluated.

Wells evaluated by MKTT for benzene included monitor well MW-1 and recovery wells RW-1 and RW-2. The confidence factor [CF] of each analyte and monitor/recovery well is listed the table below for wells with detectable concentrations of benzene.

Benzene Evaluation		
Well ID	Confidence Factor	Trend
MW-1	65.1%	Stable
RW-1	69.6%	No trend
RW-2	90.7%	Prob. Decreasing

A copy of the MKTT analysis is included in **Appendix B**.

As a final line of evidence, the dissolved phase plume was evaluated by analyzing groundwater samples collected quarterly from six (6) PSH-free monitor wells. A review of the data indicates:

- Nondetectable benzene concentrations or concentrations below the NMOCD criteria from March 1, 2007 through December 21, 2021 for monitor wells MW-2, MW-3, and MW-5 through MW-7; and,
- Nondetectable benzene concentrations or concentrations below the NMOCD criteria from September 11, 2012 through March 8, 2018, for monitor well MW-4. Analysis for this same well from the sampling events of August 28, 2018, November 30, 2018, and August 28, 2019 indicated benzene concentrations above the NMOCD Remediation Criteria. Concentrations have been below the NMOCD Remediation Criteria or laboratory detection limits from November 20, 2019 through December 2, 2021

5.0 FINDINGS

Findings and recommendations resulting from 2021 groundwater monitoring at the DS Hugh Site are summarized below.

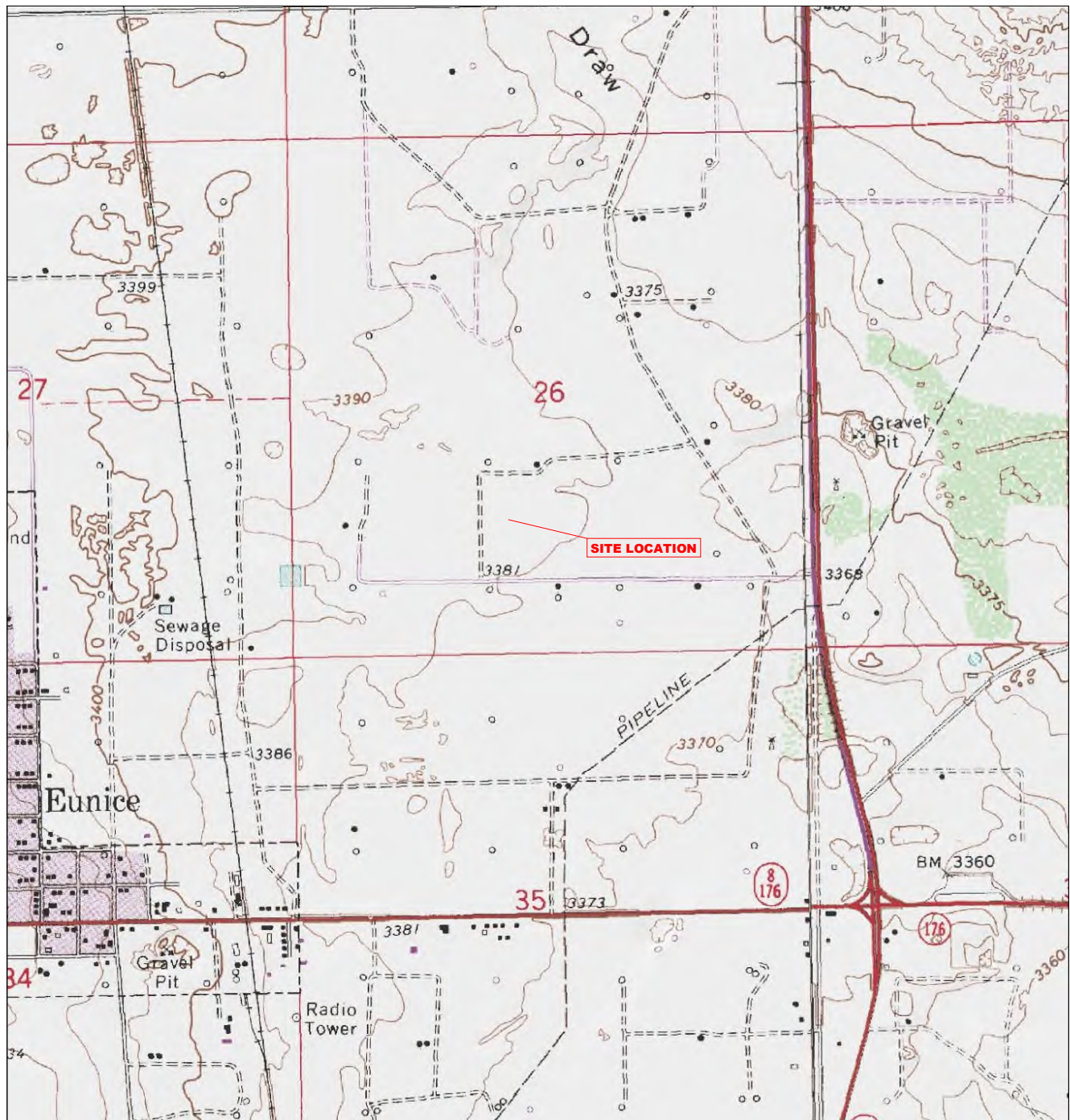
- Groundwater flow in the uppermost groundwater-bearing unit is to the east-southeast ranging from 0.0005 to 0.0033 ft/ft as measured between wells MW-2 and MW-6.
- Analytical results reported for the groundwater samples collected at six (6) monitor wells (MW-2 through MW-7) displayed benzene concentrations below the NMOCD Remediation Criteria for all four (4) quarters of 2021. Laboratory analysis of the groundwater samples collected from recovery well RW-1 indicated benzene concentrations above the NMOCD Remediation Criteria during the first quarterly sampling event but below the NMOCD Remediation Criteria for the balance of 2021. RW-2 indicated benzene concentrations above the NMOCD Remediation Criteria during the third quarterly sampling event but below the NMOCD Remediation Criteria for the balance of 2021. Monitor well MW-1 had benzene concentrations above the NMOCD Remediation Criteria during the second quarterly sampling event and was not sampled during the fourth quarter sampling event of 2021 due to measurable PSH.
- PSH recovery from monitor well MW-1 and recovery wells RW-1 and RW-2 continued during 2021, and the volume recovered appears to have significantly diminished since 2019. PSH recovery of visible sheens or measurable thicknesses was completed during 2021 and approximately 0.50-gallons of PSH and 404.5-gallon of impacted groundwater was collected.
- The PSH plume has remained in the historical source area, located in the vicinity of well MW-1 and does not appear to be migrating downgradient.

Based on PSH recovery data and groundwater sampling completed during 2021 (and previously) at the Site, EnTech recommends the following:

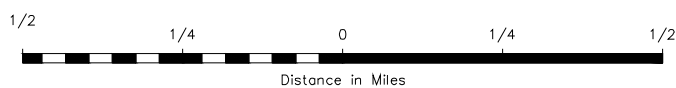
- PSH recovery from monitor well MW-1 and recovery wells RW-1 and RW-2 should continue on a monthly basis (as applicable).
- Removal of monitor wells MW-2, MW-3, MW-6 and MW-7 from quarterly monitoring events.
- Groundwater monitoring should continue on a quarterly basis for monitor wells MW-1, MW-4, MW-5 and recovery wells RW-1 and RW-2.
- Annual groundwater sampling of all wells at the site.
- A PAH sample will be collected from recovery well RW-4 in 2022. If analytical data confirms that no exceedances of the NMOCD remediation criteria, PAH samples will be proposed to be discontinued in 2023.

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Figure 10	2020 Benzene Isopleth Map
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Eunice Quadrangle
32°26'48"N Latitude & 103°08'07"W Longitude

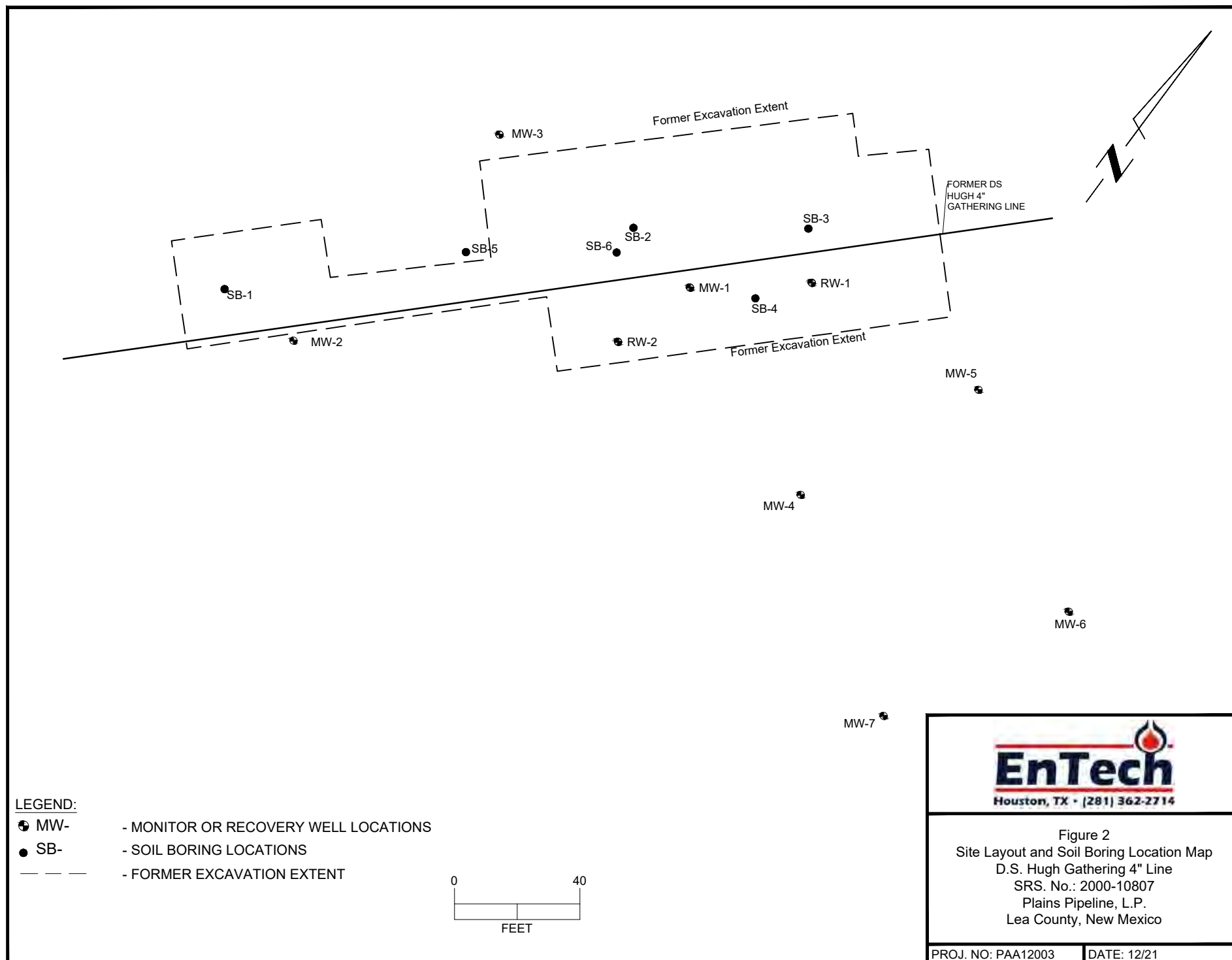


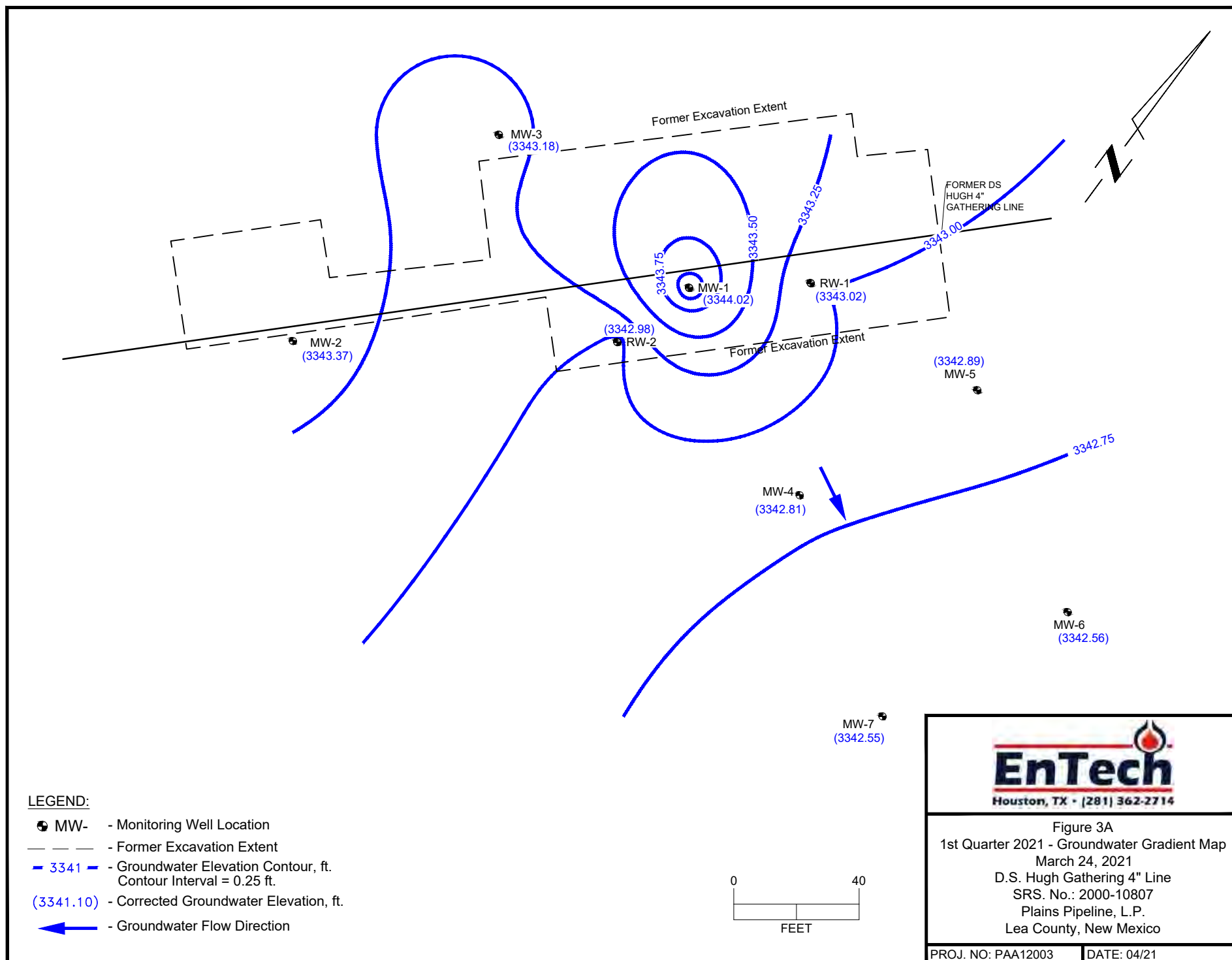
EnTech
 Houston, TX • (281) 362-2714

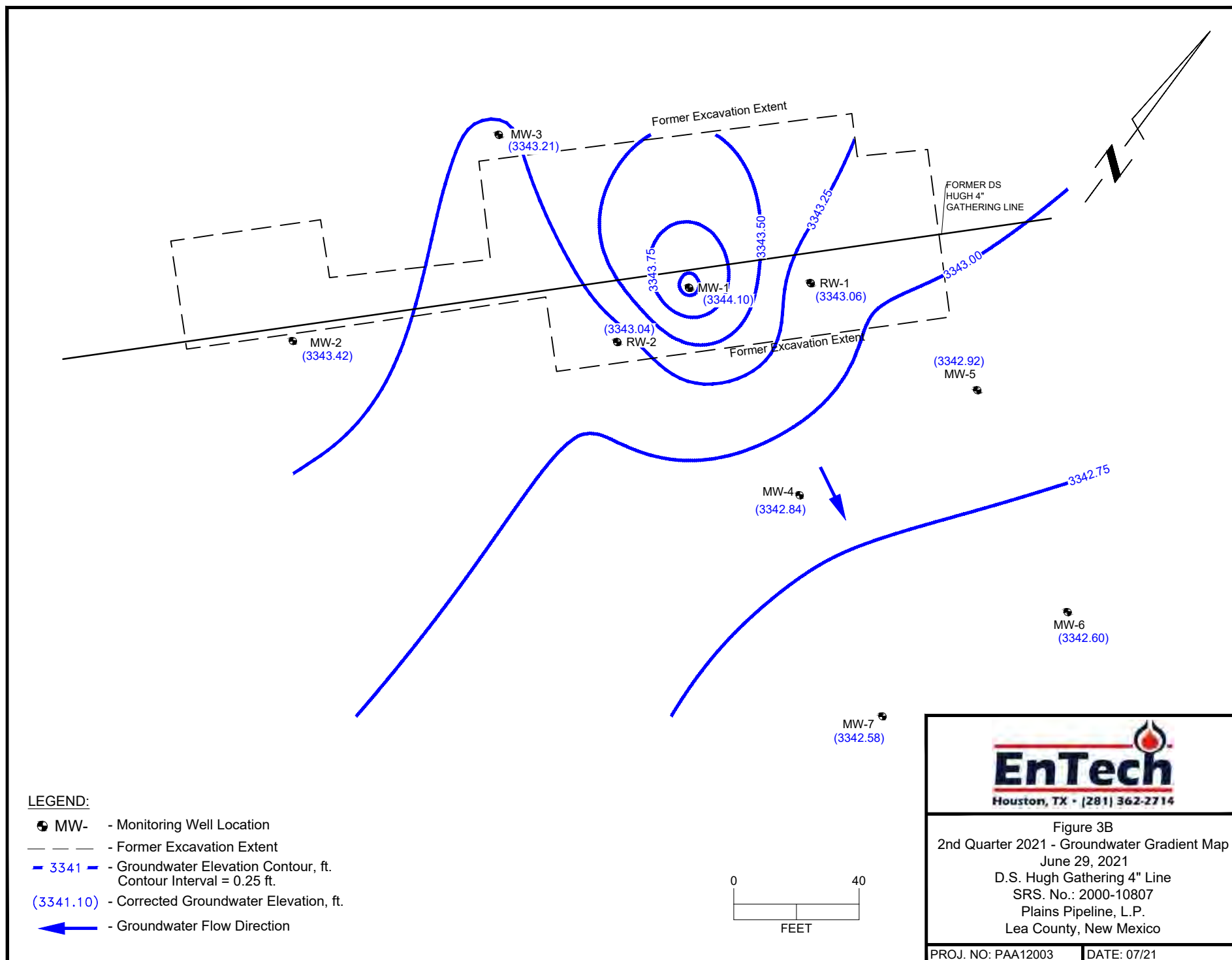
Figure 1
 Site Location Map
 D.S. Hugh Gathering 4" Line
 SRS. No.: 2000-10807
 Plains Pipeline, L.P.
 Lea County, New Mexico

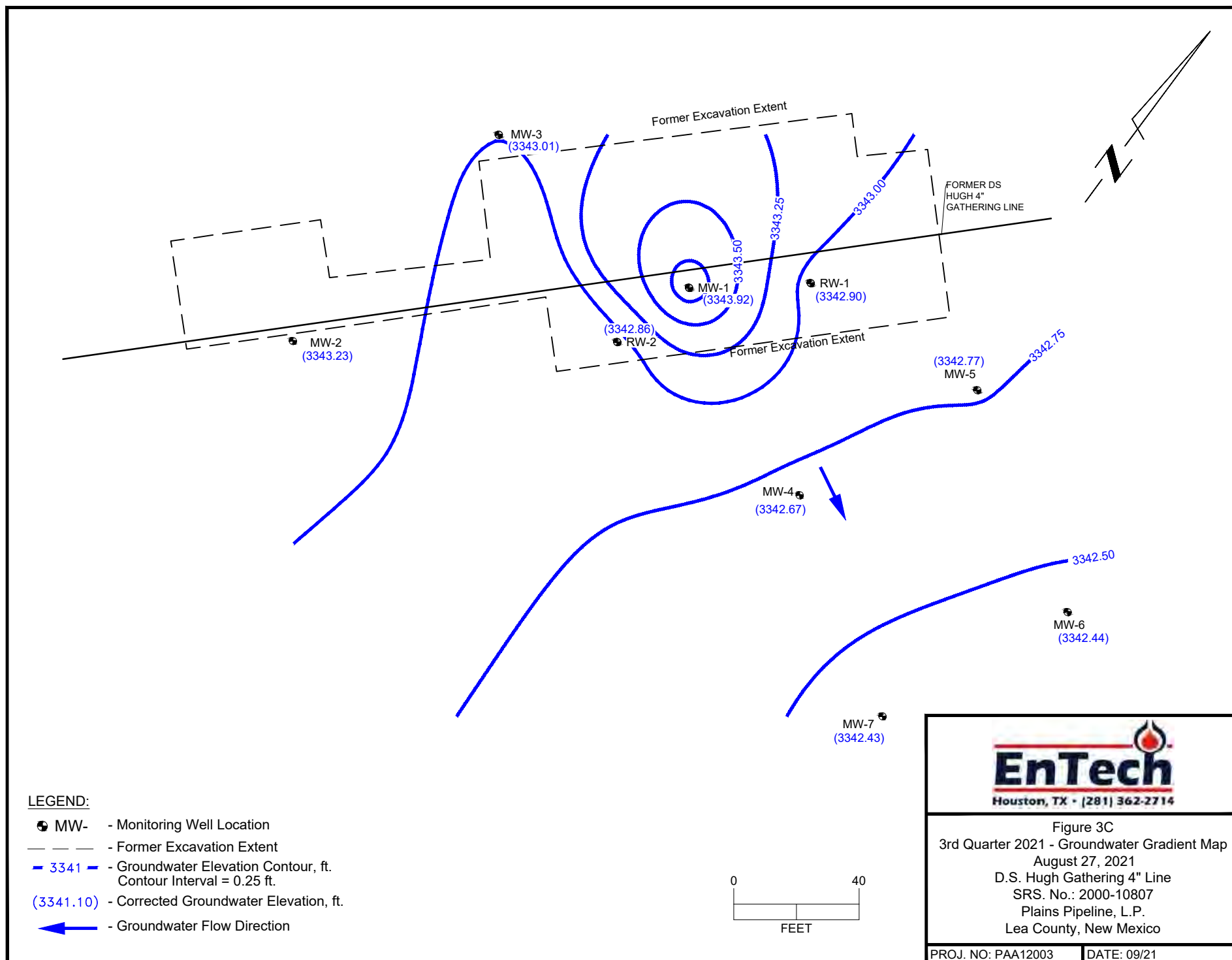
PROJ. NO: PAA12003

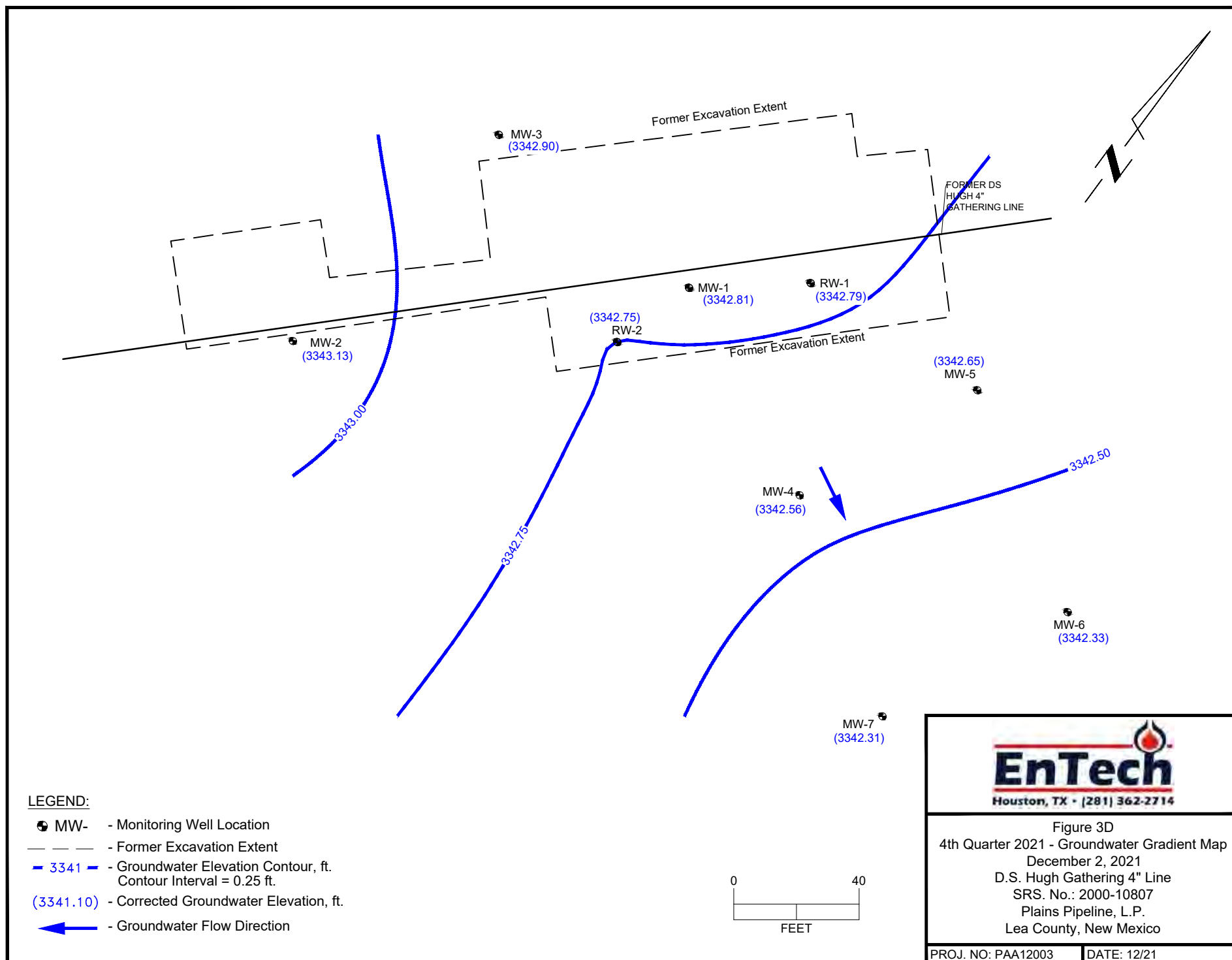
DATE: 12/21

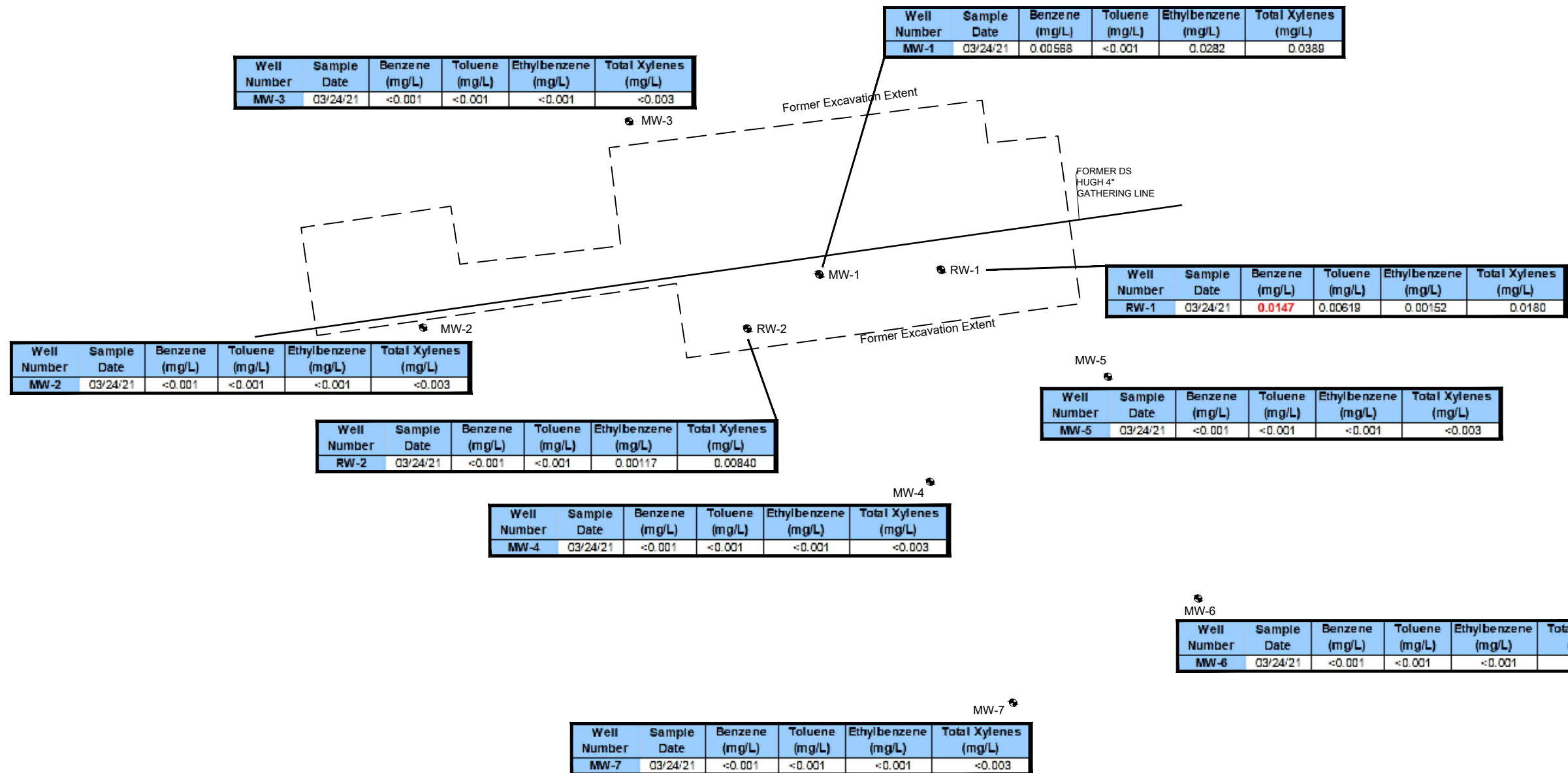










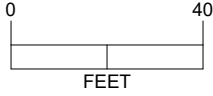


LEGEND:

● MW- - MONITOR WELL LOCATIONS

--- - FORMER EXCAVATION EXTENT

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





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Figure 4A

1st Quarter 2021 - Groundwater Analytical Map

March 24, 2021

D.S. Hugh Gathering 4" Line

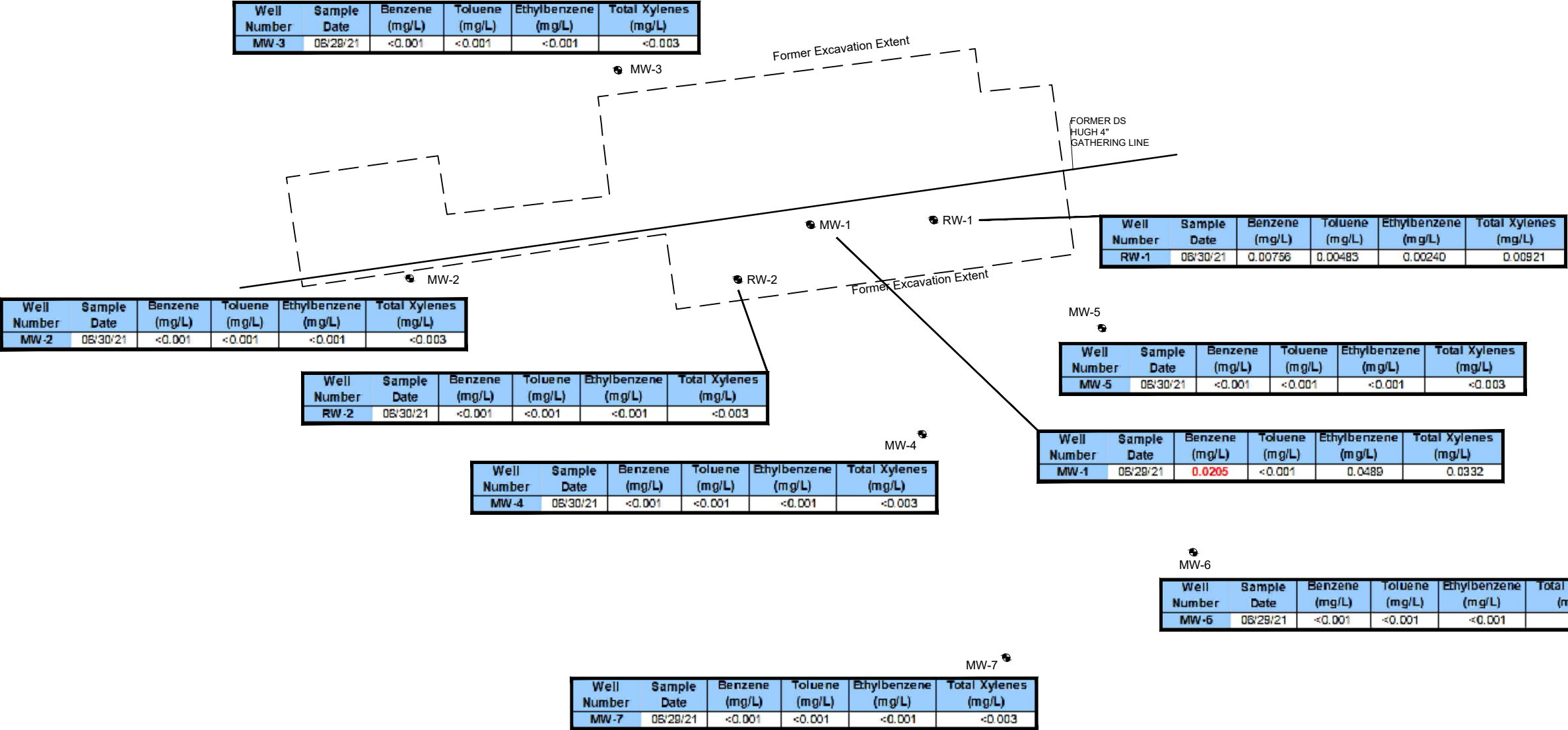
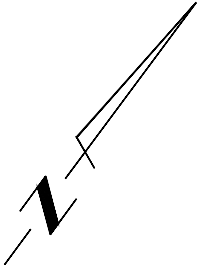
SRS. No.: 2000-10807

Plains Pipeline, L.P.

Lea County, New Mexico

PROJ. NO: PAA12003

DATE: 4/21



LEGEND:
● MW- - MONITOR WELL LOCATIONS
--- - FORMER EXCAVATION EXTENT



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

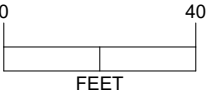
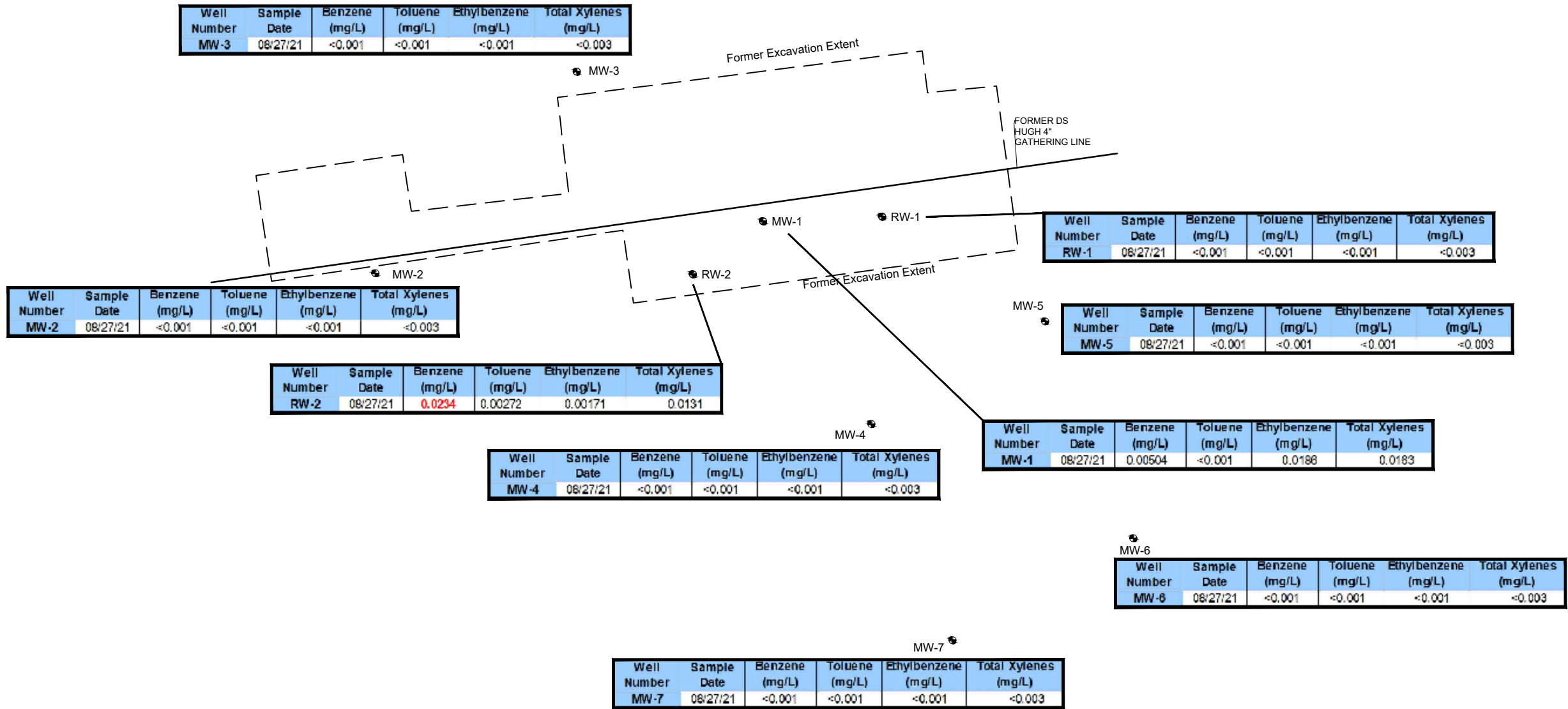


Figure 4B
2nd Quarter 2021 - Groundwater Analytical Map
June 29 & 30, 2021
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12003 DATE: 7/21



LEGEND:
● MW- - MONITOR WELL LOCATIONS
--- - FORMER EXCAVATION EXTENT



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

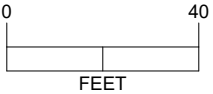
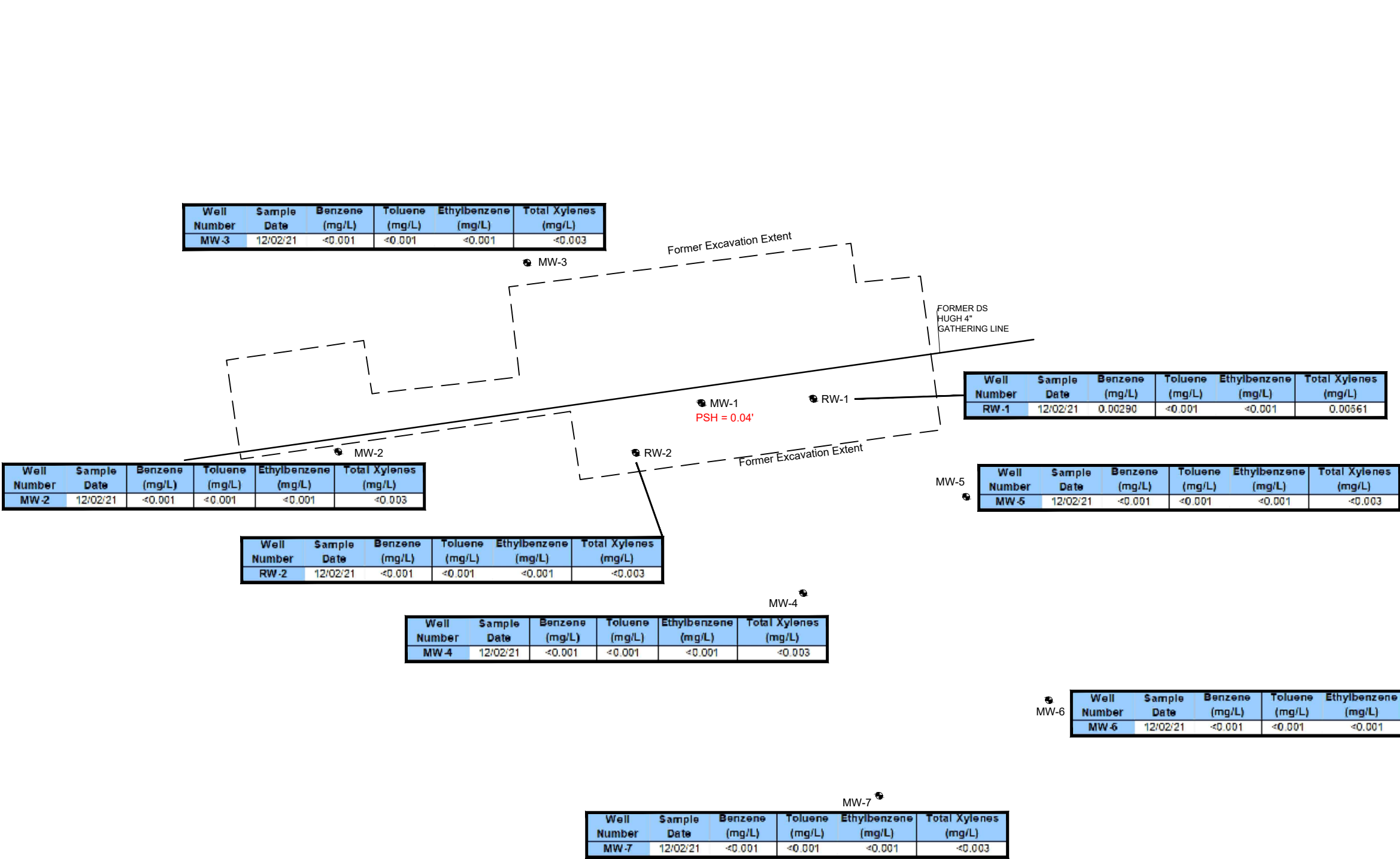


Figure 4C
3rd Quarter 2021 - Groundwater Analytical Map
August 27, 2021
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12003 | DATE: 9/21



LEGEND:
● MW- - MONITOR WELL LOCATIONS
--- - FORMER EXCAVATION EXTENT



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

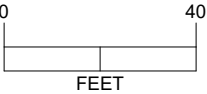
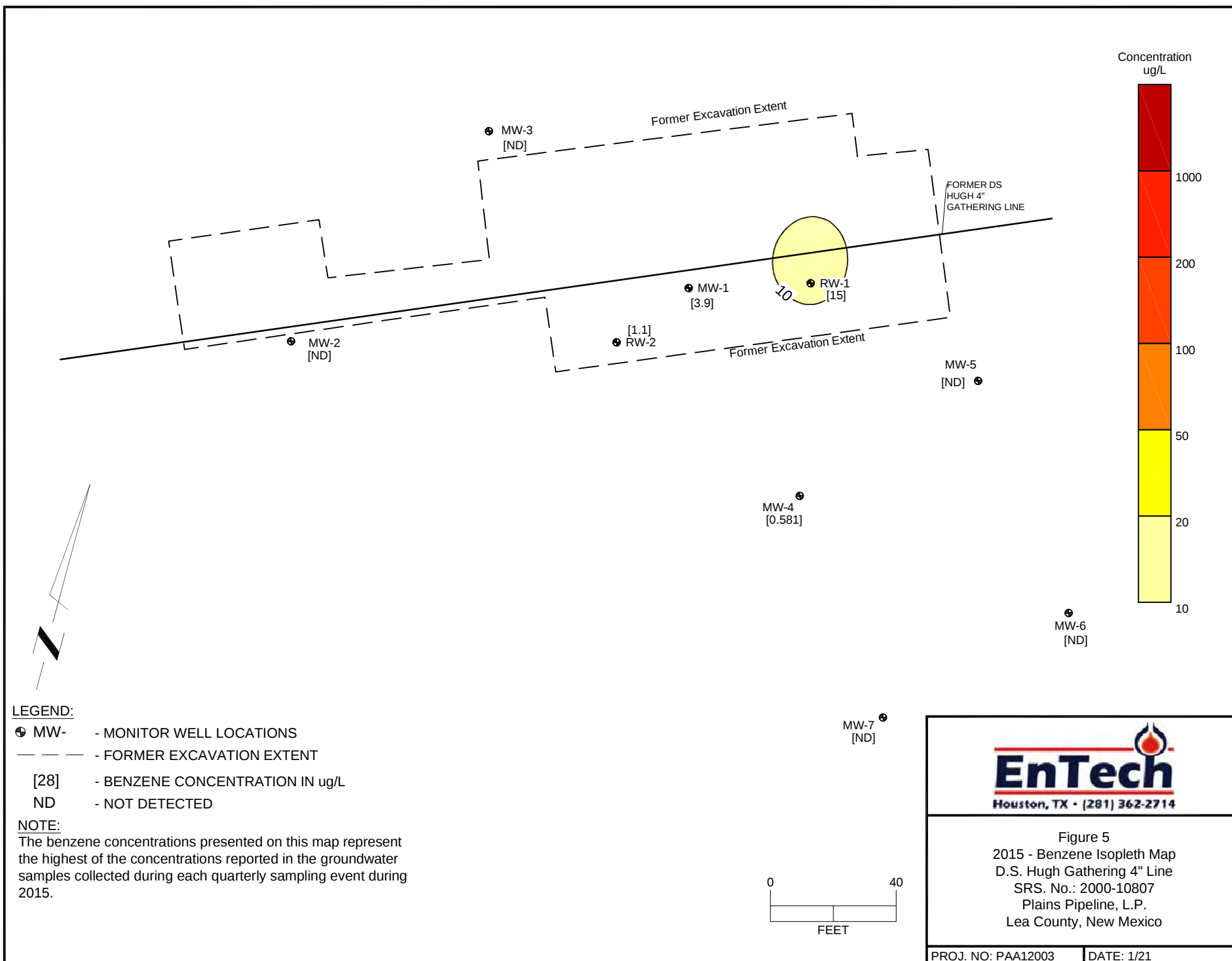
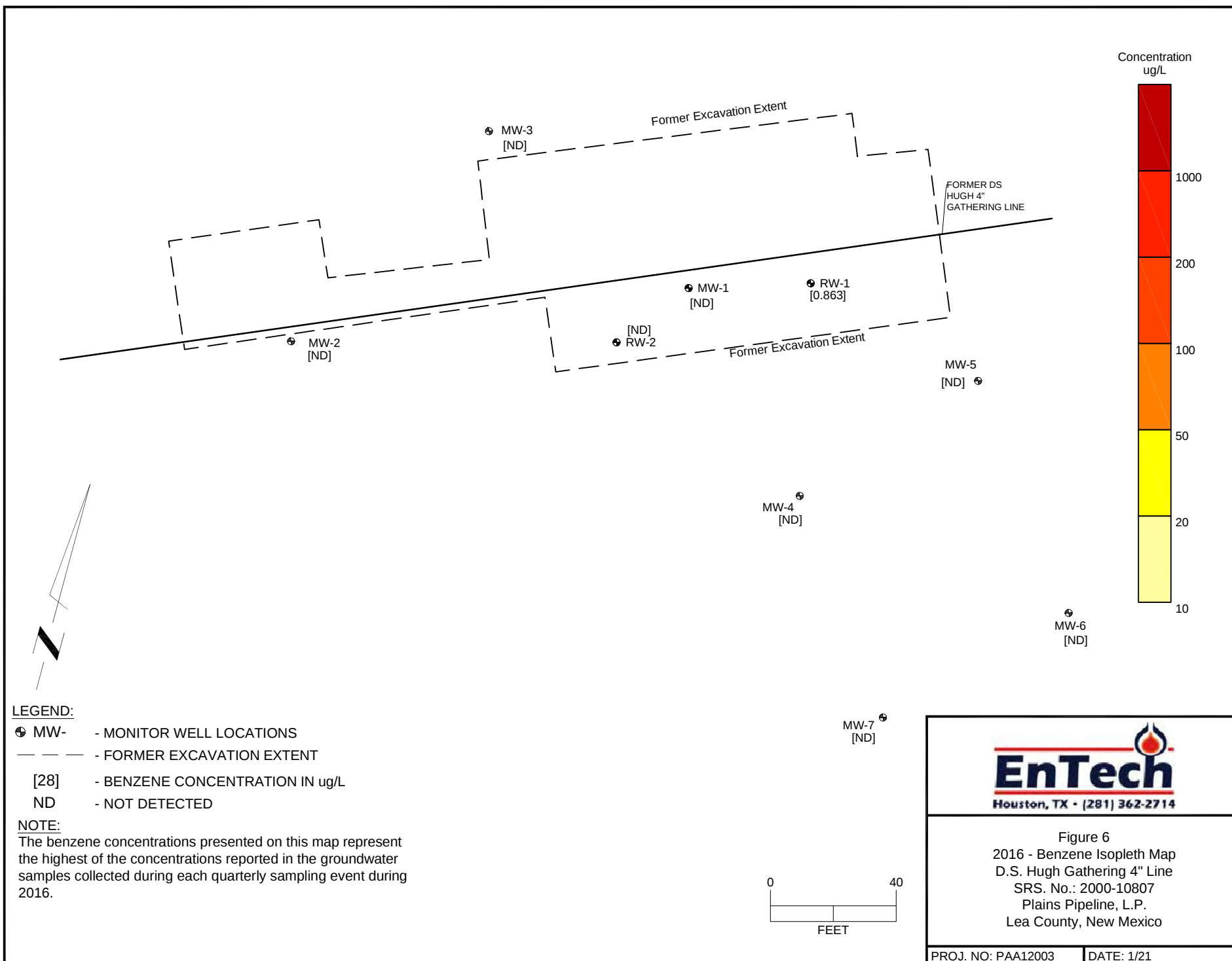
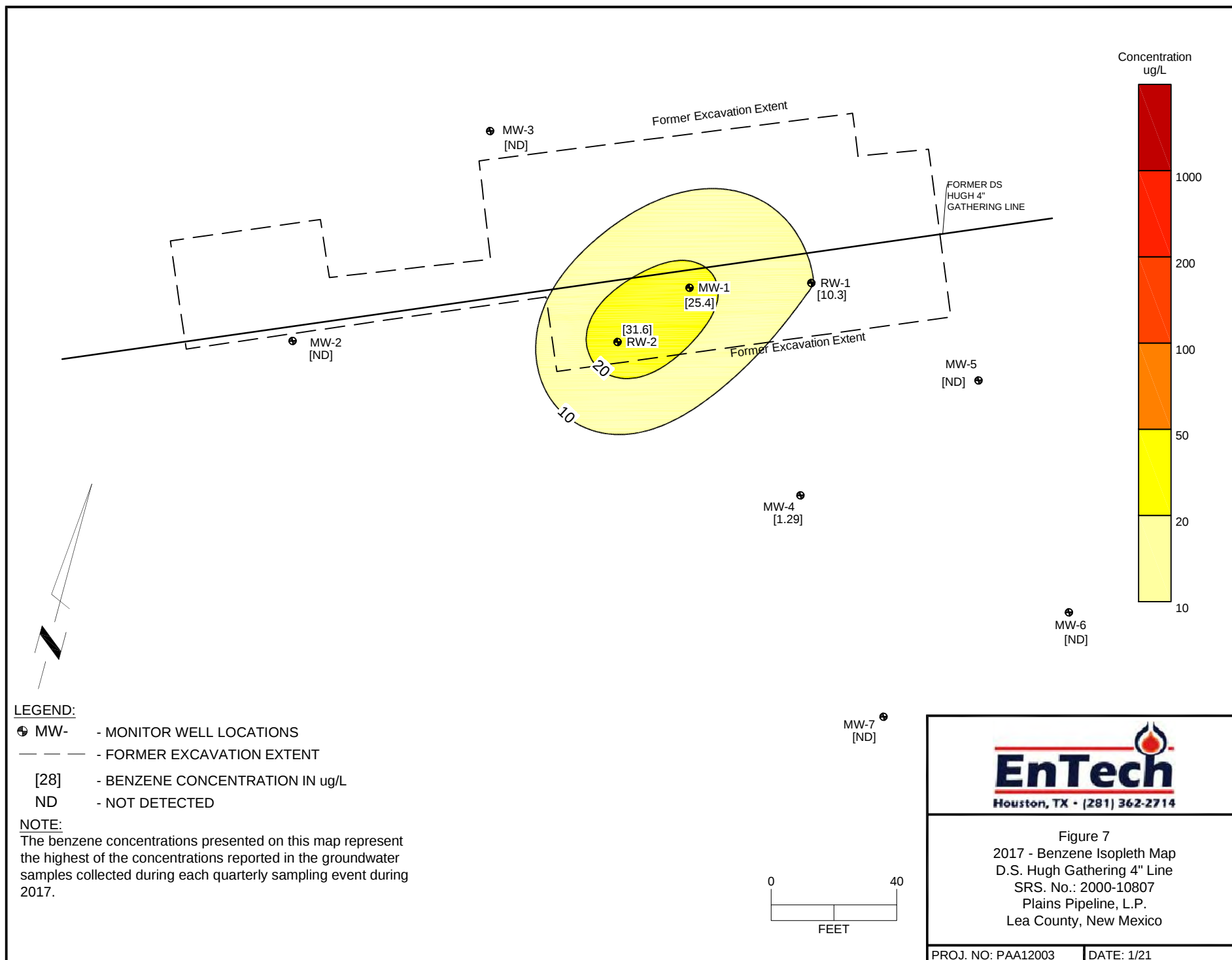


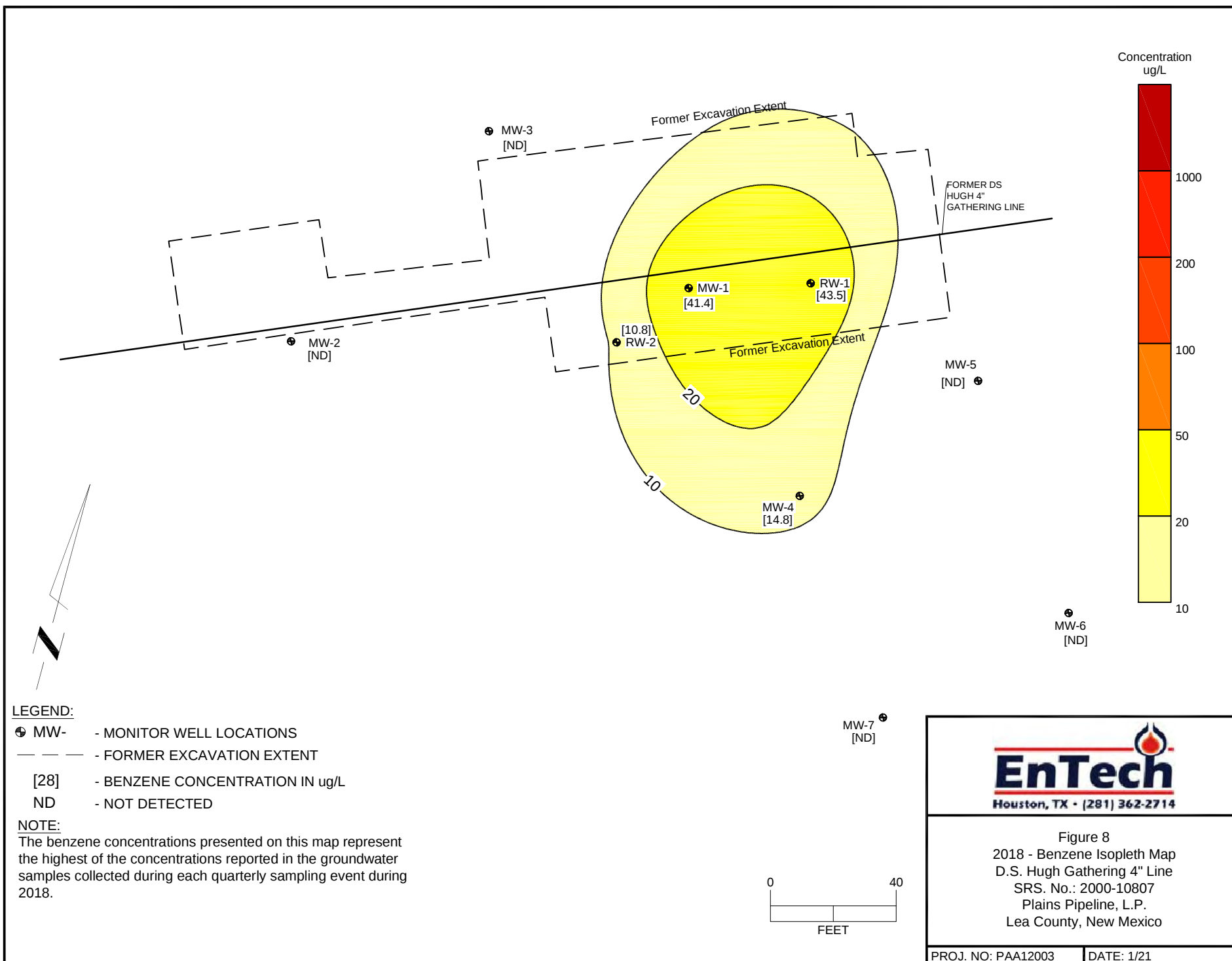
Figure 4D
4th Quarter 2021 - Groundwater Analytical Map
December 2, 2021
D.S. Hugh Gathering 4" Line
SRS. No.: 2000-10807
Plains Pipeline, L.P.
Lea County, New Mexico

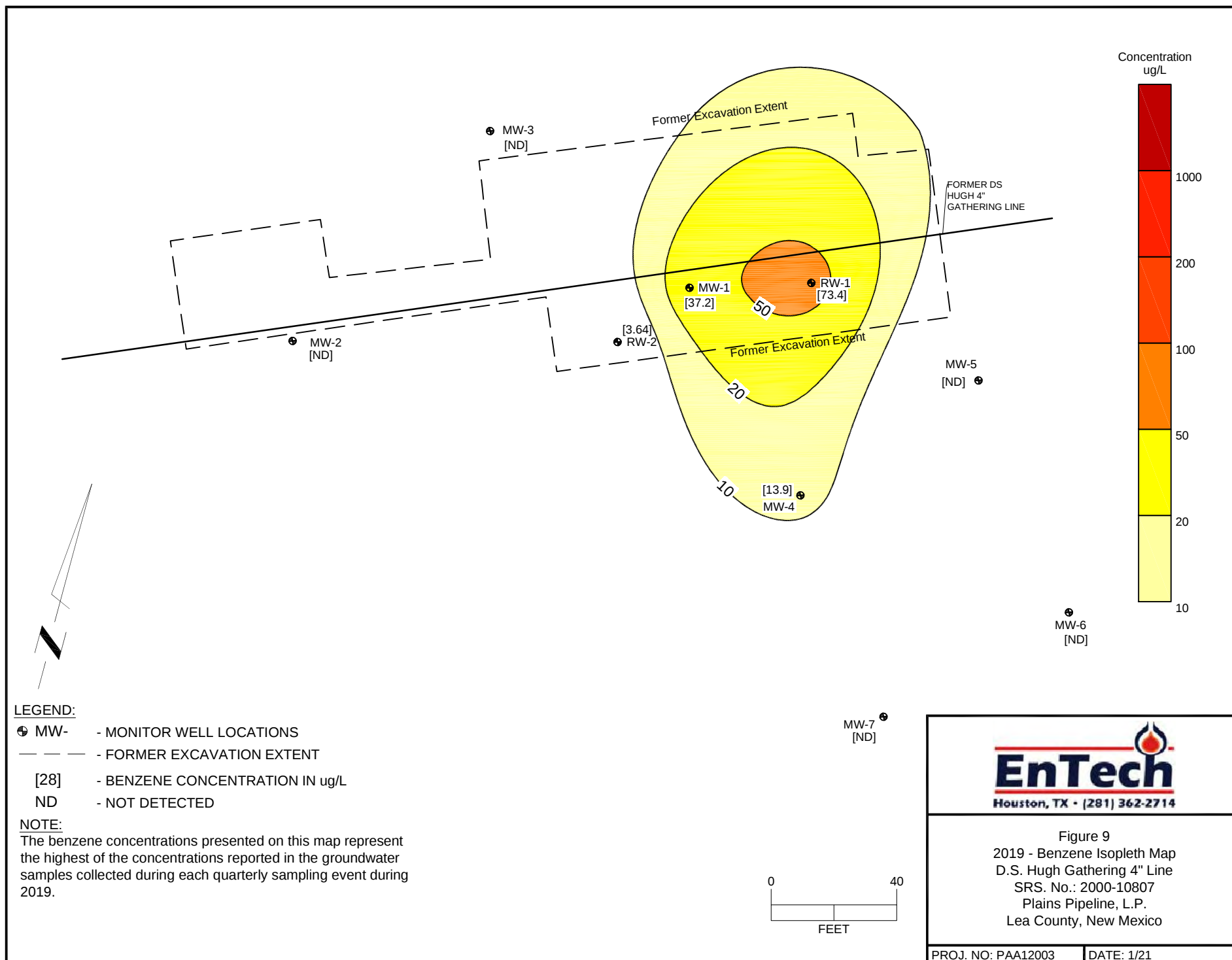
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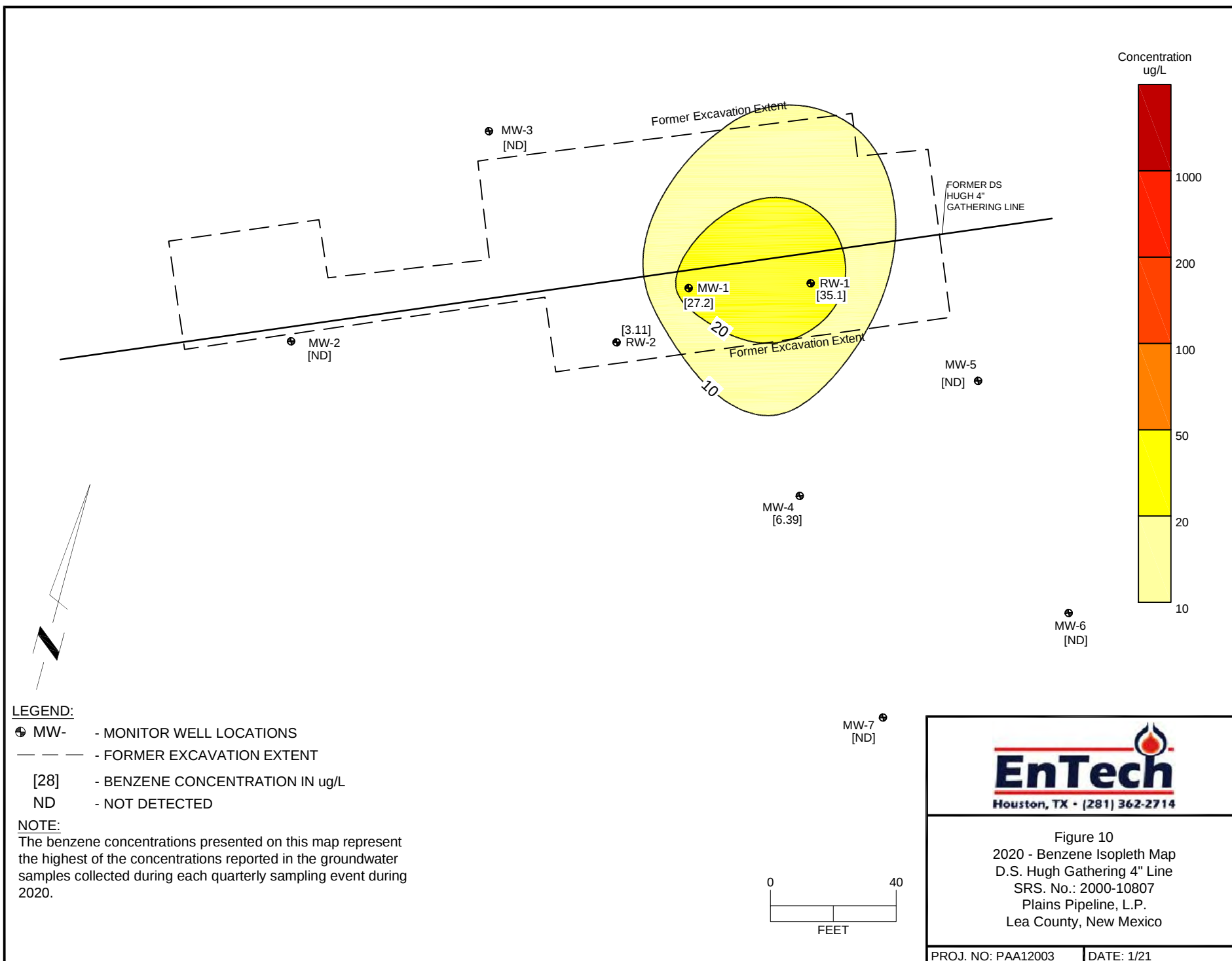


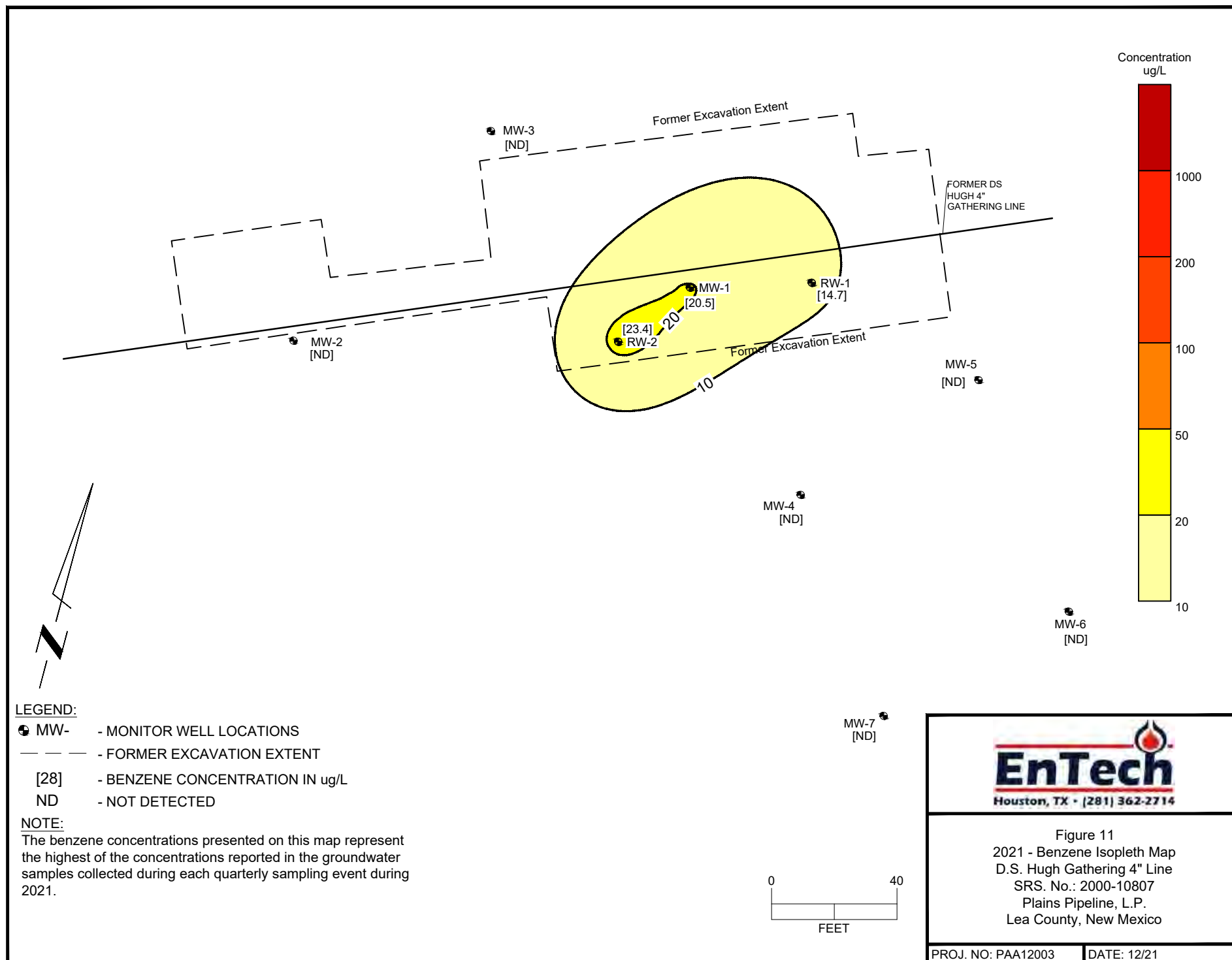












TABLES

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Table 7	MNA Parameters

TABLE 1
2020 and 2021 Well Survey Data and Groundwater Elevations
Plains Marketing, L.P.
DS Hugh Site
SRS #2000-10807
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
						PSH	H ₂ O		
MW-1	03/17/20	3389.00	sheen	44.99	sheen	sheen	10.00	3344.01	
MW-1	06/26/20	3389.00	sheen	44.89	sheen	sheen	10.00	3344.11	Sampled
MW-1	09/18/20	3389.00	45.02	45.22	0.20	sheen	10.00	3343.95	
MW-1	12/21/20	3389.00	44.89	44.91	0.02	sheen	10.00	3344.11	
MW-1	03/24/21	3389.00	sheen	44.98	sheen	sheen	10.00	3344.02	
MW-1	06/29/21	3389.00	44.90	44.92	0.02	sheen	10.00	3344.10	Sampled
MW-1	08/27/21	3389.00	sheen	45.08	sheen	sheen	10.00	3343.92	
MW-1	12/02/21	3389.00	46.18	46.22	0.04	sheen	10.00	3342.81	
MW-2	03/17/20	3388.38	ND	45.00	ND	NA	NA	3343.38	Sampled
MW-2	06/26/20	3388.38	ND	44.91	ND	NA	NA	3343.47	Sampled
MW-2	09/18/20	3388.38	ND	45.10	ND	NA	NA	3343.28	Sampled
MW-2	12/21/20	3388.38	ND	44.98	ND	NA	NA	3343.40	Sampled
MW-2	03/24/21	3388.38	ND	45.01	ND	NA	NA	3343.37	Sampled
MW-2	06/29/21	3388.38	ND	44.96	ND	NA	NA	3343.42	Sampled
MW-2	08/27/21	3388.38	ND	45.15	ND	NA	NA	3343.23	Sampled
MW-2	12/02/21	3388.38	ND	45.25	ND	NA	NA	3343.13	Sampled
MW-3	03/17/20	3388.52	ND	45.37	ND	NA	NA	3343.15	Sampled
MW-3	06/26/20	3388.52	ND	45.27	ND	NA	NA	3343.25	Sampled
MW-3	09/18/20	3388.52	ND	45.46	ND	NA	NA	3343.06	Sampled
MW-3	12/21/20	3388.52	ND	45.32	ND	NA	NA	3343.20	Sampled
MW-3	03/24/21	3388.52	ND	45.34	ND	NA	NA	3343.18	Sampled
MW-3	06/29/21	3388.52	ND	45.31	ND	NA	NA	3343.21	Sampled
MW-3	08/27/21	3388.52	ND	45.51	ND	NA	NA	3343.01	Sampled
MW-3	12/02/21	3388.52	ND	45.62	ND	NA	NA	3342.90	Sampled
MW-4	03/17/20	3388.92	ND	46.13	ND	NA	NA	3342.79	Sampled
MW-4	06/26/20	3388.92	ND	46.05	ND	NA	NA	3342.87	Sampled
MW-4	09/18/20	3388.92	ND	46.22	ND	NA	NA	3342.70	Sampled
MW-4	12/21/20	3388.92	ND	46.10	ND	NA	NA	3342.82	Sampled
MW-4	03/24/21	3388.92	ND	46.11	ND	NA	NA	3342.81	Sampled
MW-4	06/29/21	3388.92	ND	46.08	ND	NA	NA	3342.84	Sampled
MW-4	08/27/21	3388.92	ND	46.25	ND	NA	NA	3342.67	Sampled
MW-4	12/02/21	3388.92	ND	46.36	ND	NA	NA	3342.56	Sampled
MW-5	03/17/20	3389.40	ND	46.53	ND	NA	NA	3342.87	Sampled
MW-5	06/26/20	3389.40	ND	46.46	ND	NA	NA	3342.94	Sampled
MW-5	09/18/20	3389.40	ND	46.63	ND	NA	NA	3342.77	Sampled
MW-5	12/21/20	3389.40	ND	46.48	ND	NA	NA	3342.92	Sampled
MW-5	03/24/21	3389.40	ND	46.51	ND	NA	NA	3342.89	Sampled
MW-5	06/29/21	3389.40	ND	46.48	ND	NA	NA	3342.92	Sampled
MW-5	08/27/21	3389.40	ND	46.63	ND	NA	NA	3342.77	Sampled
MW-5	12/02/21	3389.40	ND	46.75	ND	NA	NA	3342.65	Sampled
MW-6	03/17/20	3389.72	ND	47.19	ND	NA	NA	3342.53	Sampled
MW-6	06/26/20	3389.72	ND	47.11	ND	NA	NA	3342.61	Sampled
MW-6	09/18/20	3389.72	ND	47.27	ND	NA	NA	3342.45	Sampled
MW-6	12/21/20	3389.72	ND	47.12	ND	NA	NA	3342.60	Sampled
MW-6	03/24/21	3389.72	ND	47.16	ND	NA	NA	3342.56	Sampled
MW-6	06/29/21	3389.72	ND	46.12	ND	NA	NA	3343.60	Sampled
MW-6	08/27/21	3389.72	ND	47.28	ND	NA	NA	3342.44	Sampled
MW-6	12/02/21	3389.72	ND	47.39	ND	NA	NA	3342.33	Sampled

TABLE 1
 2020 and 2021 Well Survey Data and Groundwater Elevations
 Plains Marketing, L.P.
 DS Hugh Site
 SRS #2000-10807
 Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
						PSH	H ₂ O		
MW-7	03/17/20	3389.28	ND	46.75	ND	NA	NA	3342.53	Sampled
MW-7	06/26/20	3389.28	ND	46.67	ND	NA	NA	3342.61	Sampled
MW-7	09/18/20	3389.28	ND	46.85	ND	NA	NA	3342.43	Sampled
MW-7	12/21/20	3389.28	ND	46.71	ND	NA	NA	3342.57	Sampled
MW-7	03/24/21	3389.28	ND	46.73	ND	NA	NA	3342.55	Sampled
MW-7	06/29/21	3389.28	ND	46.70	ND	NA	NA	3342.58	Sampled
MW-7	08/27/21	3389.28	ND	46.85	ND	NA	NA	3342.43	Sampled
MW-7	12/02/21	3389.28	ND	46.97	ND	NA	NA	3342.31	Sampled
RW-1	03/17/20	3389.34	sheen	46.34	sheen	NA	10.00	3343.00	Sampled
RW-1	06/26/20	3389.34	sheen	46.24	sheen	NA	10.00	3343.10	Sampled
RW-1	09/18/20	3389.34	ND	46.40	ND	NA	10.00	3342.94	Sampled
RW-1	12/21/20	3389.34	sheen	46.27	sheen	NA	NA	3343.07	
RW-1	03/24/21	3389.34	ND	46.32	ND	NA	10.00	3343.02	Sampled
RW-1	06/29/21	3389.34	ND	46.28	ND	NA	10.00	3343.06	Sampled
RW-1	08/27/21	3389.34	ND	46.44	ND	NA	10.00	3342.90	Sampled
RW-1	12/02/21	3389.34	ND	46.55	ND	NA	NA	3342.79	Sampled
RW-2	03/17/20	3389.06	ND	46.02	ND	NA	10.00	3343.04	Sampled
RW-2	06/26/20	3389.06	ND	46.00	ND	NA	10.00	3343.06	Sampled
RW-2	09/18/20	3389.06	ND	46.15	ND	NA	10.00	3342.91	Sampled
RW-2	12/21/20	3389.06	sheen	46.02	sheen	NA	NA	3343.04	
RW-2	03/24/21	3389.06	ND	46.08	ND	NA	10.00	3342.98	Sampled
RW-2	06/29/21	3389.06	ND	46.02	ND	NA	10.00	3343.04	Sampled
RW-2	08/27/21	3389.06	ND	46.20	ND	NA	10.00	3342.86	Sampled
RW-2	12/02/21	3389.06	ND	46.31	ND	NA	NA	3342.75	Sampled

NA: Not Applicable

ND: Not Detected

NG: Not Gauged

^a Possible error in field data entry

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
2018-2020
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	01/04/18	3389.00	58.23	sheen	45.68	sheen	NA	10.00	3343.32	
MW-1	01/04/18	3389.00	58.23	sheen	45.60	sheen	NA	NA	3343.40	
MW-1	01/17/18	3389.00	58.23	sheen	45.62	sheen	NA	NA	3343.38	
MW-1	01/26/18	3389.00	58.23	sheen	45.53	sheen	NA	NA	3343.47	
MW-1	02/01/18	3389.00	58.23	sheen	45.67	sheen	NA	NA	3343.33	
MW-1	02/08/18	3389.00	58.23	ND	45.51	ND	NA	NA	3343.49	
MW-1	02/14/18	3389.00	58.23	sheen	45.50	sheen	NA	NA	3343.50	
MW-1	02/21/18	3389.00	58.23	sheen	45.56	sheen	NA	NA	3343.44	
MW-1	02/28/18	3389.00	58.23	ND	45.47	ND	NA	NA	3343.53	
MW-1	03/08/18	3389.00	58.23	sheen	45.56	sheen	NA	NA	3343.44	Sampled
MW-1	03/15/18	3389.00	58.23	ND	45.54	ND	NA	10.00	3343.46	
MW-1	03/22/18	3389.00	58.23	sheen	45.58	sheen	sheen	10.00	3343.42	
MW-1	03/28/18	3389.00	58.23	ND	45.51	ND	NA	10.00	3343.49	
MW-1	04/03/18	3389.00	58.23	sheen	45.53	sheen	sheen	10.00	3343.47	
MW-1	04/10/18	3389.00	58.23	sheen	45.57	sheen	sheen	10.00	3343.43	
MW-1	04/19/18	3389.00	58.23	ND	45.60	ND	NA	10.00	3343.40	
MW-1	04/25/18	3389.00	58.23	ND	45.58	ND	NA	10.00	3343.42	
MW-1	05/02/18	3389.00	58.23	ND	45.45	ND	NA	10.00	3343.55	
MW-1	05/10/18	3389.00	58.23	ND	45.50	ND	NA	10.00	3343.50	
MW-1	05/15/18	3389.00	58.23	sheen	45.48	sheen	NA	NA	3343.52	
MW-1	05/23/18	3389.00	58.23	ND	45.50	ND	NA	10.00	3343.50	
MW-1	06/06/18	3389.00	50.32	ND	45.48	ND	NA	NA	3343.52	Sampled
MW-1	06/13/18	3389.00	50.32	sheen	45.51	sheen	NA	10.00	3343.49	
MW-1	06/20/18	3389.00	50.32	ND	46.66	ND	NA	10.00	3342.34	
MW-1	06/28/18	3389.00	50.32	ND	45.48	ND	NA	10.00	3343.52	
MW-1	07/05/18	3389.00	50.32	ND	45.54	ND	NA	10.00	3343.46	
MW-1	07/12/18	3389.00	50.32	ND	45.56	ND	NA	NA	3343.44	
MW-1	07/20/18	3389.00	50.32	sheen	45.55	sheen	sheen	10.00	3343.45	
MW-1	07/26/18	3389.00	50.32	sheen	45.60	sheen	sheen	10.00	3343.40	
MW-1	08/01/18	3389.00	50.32	ND	45.53	ND	NA	10.00	3343.47	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
2018-2020
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	08/08/18	3389.00	50.32	ND	45.47	ND	NA	10.00	3343.53	
MW-1	08/14/18	3389.00	50.32	ND	45.62	ND	NA	10.00	3343.38	
MW-1	08/21/18	3389.00	58.23	sheen	45.45	sheen	sheen	10.00	3343.55	
MW-1	08/30/18	3389.00	58.23	sheen	45.41	sheen	sheen	10.00	3343.59	
MW-1	09/12/18	3389.00	58.23	sheen	45.76	sheen	NA	10.00	3343.24	
MW-1	09/18/18	3389.00	58.23	ND	45.68	ND	NA	10.00	3343.32	
MW-1	09/26/18	3389.00	58.23	ND	45.70	ND	NA	10.00	3343.30	
MW-1	10/04/18	3389.00	58.23	sheen	45.75	sheen	NA	10.00	3343.25	
MW-1	10/11/18	3389.00	58.23	sheen	45.77	sheen	NA	10.00	3343.23	
MW-1	10/17/18	3389.00	58.23	sheen	45.55	sheen	NA	10.00	3343.45	
MW-1	10/24/18	3389.00	58.23	ND	45.66	ND	NA	10.00	3343.34	
MW-1	11/01/18	3389.00	58.23	ND	45.68	ND	NA	10.00	3343.32	
MW-1	11/07/18	3389.00	50.32	ND	45.72	ND	NA	10.00	3343.28	Sampled
MW-1	11/13/18	3389.00	50.32	sheen	45.76	sheen	NA	10.00	3343.24	
MW-1	11/21/18	3389.00	50.32	45.67	45.68	0.01	NA	10.00	3343.33	
MW-1	11/29/18	3389.00	50.32	45.59	45.60	0.01	sheen	10.00	3343.41	
MW-1	12/07/18	3389.00	50.32	45.61	45.62	0.01	NA	10.00	3343.39	
MW-1	12/13/18	3389.00	50.32	45.62	45.63	0.01	NA	10.00	3343.38	
MW-1	12/19/18	3389.00	50.32	sheen	45.65	sheen	sheen	10.00	3343.35	
MW-1	01/09/19	3389.00	50.32	45.70	45.72	0.02	sheen	10.00	3343.30	
MW-1	01/18/19	3389.00	50.32	45.45	45.46	0.01	sheen	10.00	3343.55	
MW-1	01/23/19	3389.00	50.32	ND	45.45	ND	sheen	10.00	3343.55	
MW-1	01/30/19	3389.00	50.32	sheen	45.63	sheen	sheen	10.00	3343.37	
MW-1	02/06/19	3389.00	50.32	sheen	45.68	sheen	sheen	10.00	3343.32	
MW-1	02/22/19	3389.00	50.32	ND	45.40	ND	NA	10.00	3343.60	
MW-1	02/14/19	3389.00	50.32	45.42	45.44	0.02	sheen	10.00	3343.58	
MW-1	02/28/19	3389.00	50.32	sheen	45.56	sheen	sheen	10.00	3343.44	
MW-1	03/06/19	3389.00	50.32	sheen	45.48	sheen	sheen	10.00	3343.52	
MW-1	03/12/19	3389.00	50.32	45.50	45.51	0.01	sheen	10.00	3343.50	
MW-1	03/22/19	3389.00	50.32	sheen	45.52	sheen	sheen	10.00	3343.48	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
2018-2020
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	03/28/19	3389.00	50.32	ND	45.44	ND	NA	10.00	3343.56	
MW-1	04/03/19	3389.00	50.32	ND	45.32	ND	NA	10.00	3343.68	
MW-1	04/11/19	3389.00	50.32	sheen	45.30	sheen	NA	10.00	3343.70	
MW-1	04/16/19	3389.00	50.32	sheen	45.32	sheen	NA	10.00	3343.68	
MW-1	04/25/19	3389.00	50.32	sheen	45.35	sheen	sheen	10.00	3343.65	
MW-1	05/01/19	3389.00	50.32	sheen	45.26	sheen	sheen	10.00	3343.74	
MW-1	05/10/19	3389.00	50.32	sheen	45.29	sheen	sheen	10.00	3343.71	
MW-1	05/17/19	3389.00	50.32	sheen	45.30	sheen	sheen	10.00	3343.70	
MW-1	05/24/19	3389.00	50.32	sheen	45.36	sheen	sheen	10.00	3343.64	
MW-1	06/05/19	3389.00	50.32	ND	45.38	ND	NA	10.00	3343.62	
MW-1	06/14/19	3389.00	50.32	sheen	45.20	sheen	sheen	10.00	3343.80	
MW-1	06/20/19	3389.00	50.32	sheen	45.40	sheen	sheen	10.00	3343.60	
MW-1	06/26/19	3389.00	50.32	ND	45.25	ND	NA	10.00	3343.75	
MW-1	07/03/19	3389.00	50.32	sheen	45.22	sheen	NA	10.00	3343.78	
MW-1	07/11/19	3389.00	50.32	sheen	45.26	sheen	sheen	10.00	3343.74	
MW-1	07/26/19	3389.00	50.32	sheen	46.30	sheen	NA	10.00	3342.70	
MW-1	08/10/19	3389.00	50.32	ND	45.17	ND	NA	10.00	3343.83	
MW-1	08/15/19	3389.00	50.32	ND	45.18	ND	NA	10.00	3343.82	
MW-1	08/27/19	3389.00	50.32	sheen	45.22	sheen	sheen	10.00	3343.78	
MW-1	09/13/19	3389.00	50.32	ND	45.25	ND	NA	10.00	3343.75	
MW-1	09/20/19	3389.00	50.32	ND	45.15	ND	NA	NA	3343.85	
MW-1	10/09/19	3389.00	50.32	sheen	45.12	sheen	NA	10.00	3343.88	
MW-1	10/17/19	3389.00	50.32	ND	45.08	sheen	NA	NA	3343.92	
MW-1	11/01/19	3389.00	50.32	ND	45.09	ND	NA	10.00	3343.91	
MW-1	11/08/19	3389.00	50.32	ND	45.09	sheen	NA	NA	3343.91	
MW-1	11/15/19	3389.00	50.32	45.07	45.10	0.03	sheen	10.00	3343.93	
MW-1	11/19/19	3389.00	50.32	sheen	45.09	sheen	NA	NA	3343.91	
MW-1	11/26/19	3389.00	50.32	45.01	45.04	0.03	sheen	10.00	3343.99	
MW-1	12/03/19	3389.00	50.32	45.05	45.07	0.02	sheen	10.00	3343.95	
MW-1	12/13/19	3389.00	50.32	45.00	45.04	0.04	sheen	10.00	3343.99	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
2018-2020
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	12/20/19	3389.00	50.32	45.00	45.07	0.07	sheen	10.00	3343.99	
MW-1	12/27/19	3389.00	50.32	ND	45.02	ND	sheen	10.00	3343.98	
MW-1	01/03/20	3389.00	50.32	45.05	45.08	0.03	sheen	10.00	3343.95	
MW-1	01/09/20	3389.00	50.32	45.01	45.03	0.02	sheen	10.00	3343.99	
MW-1	01/15/20	3389.00	50.32	45.00	45.02	0.02	sheen	10.00	3344.00	
MW-1	01/30/20	3389.00	50.32	sheen	45.05	sheen	NA	NA	3343.95	
MW-1	02/12/20	3389.00	50.32	44.97	44.98	0.01	NA	10.00	3344.03	
MW-1	02/20/20	3389.00	50.32	45.04	45.06	0.02	sheen	10.00	3343.96	
MW-1	02/27/20	3389.00	50.32	45.00	45.03	0.03	sheen	10.00	3344.00	
MW-1	03/04/20	3389.00	50.32	45.02	45.04	0.02	sheen	10.00	3343.98	
MW-1	03/12/20	3389.00	50.32	44.95	44.97	0.02	sheen	10.00	3344.05	
MW-1	03/17/20	3389.00	50.32	sheen	44.99	sheen	NA	NA	3344.01	
MW-1	03/23/20	3389.00	50.32	sheen	44.97	sheen	NA	10.00	3344.03	
MW-1	05/07/20	3389.00	50.32	sheen	44.79	sheen	NA	NA	3344.21	
MW-1	05/29/20	3389.00	50.32	44.78	44.82	0.04	0.25	9.75	3344.21	
MW-1	06/12/20	3389.00	50.32	44.70	44.79	0.09	0.25	9.75	3344.29	
MW-1	06/26/20	3389.00	50.32	sheen	44.89	sheen	sheen	10.00	3344.11	
MW-1	07/21/20	3389.00	50.32	44.88	44.90	0.02	sheen	10.00	3344.12	
MW-1	08/06/20	3389.00	50.32	sheen	45.02	sheen	sheen	10.00	3343.98	
MW-1	09/18/20	3389.00	50.32	45.02	45.22	0.20	0.25	9.75	3343.95	
MW-1	09/30/20	3389.00	50.32	45.05	45.08	0.03	sheen	10.00	3343.95	
MW-1	10/09/20	3389.00	50.32	sheen	45.15	sheen	sheen	10.00	3343.85	
MW-1	11/13/20	3389.00	50.32	sheen	45.12	sheen	sheen	10.00	3343.88	
MW-1	12/21/20	3389.00	50.32	44.89	44.91	0.02	sheen	10.00	3344.11	
MW-1	01/08/21	3389.00	50.32	44.90	44.93	0.03	sheen	20.00	3344.10	
MW-1	02/04/21	3389.00	50.32	44.96	44.98	0.02	sheen	10.00	3344.04	
MW-1	03/22/21	3389.00	50.32	sheen	44.95	sheen	sheen	10.00	3344.05	
MW-1	03/24/21	3389.00	50.32	sheen	44.98	sheen	sheen	10.00	3344.02	Sampled
MW-1	04/08/21	3389.00	50.32	sheen	44.95	sheen	sheen	15.00	3344.05	
MW-1	05/28/21	3389.00	50.32	ND	45.15	ND	sheen	10.00	3343.85	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
2018-2020
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-1	06/29/21	3389.00	50.32	44.90	44.92	0.02	sheen	10.00	3344.10	
MW-1	07/15/21	3389.00	50.32	sheen	44.91	sheen	0.25	9.75	3344.09	
MW-1	08/03/21	3389.00	50.32	44.93	45.00	0.07	0.25	9.75	3344.06	
MW-1	08/27/21	3389.00	50.32	sheen	45.08	sheen	sheen	10.00	3343.92	
MW-1	09/01/21	3389.00	50.32	ND	45.10	ND	sheen	10.00	3343.90	
MW-1	09/24/21	3389.00	50.32	sheen	45.24	sheen	sheen	10.00	3343.76	
MW-1	10/01/21	3389.00	50.32	sheen	45.18	sheen	sheen	10.00	3343.82	
MW-1	11/10/21	3389.00	50.32	sheen	45.28	sheen	sheen	10.00	3343.72	
MW-1	12/22/21	3389.00	50.32	sheen	45.29	sheen	sheen	10.00	3343.71	
MW-2	03/08/18	3388.38	59.31	ND	45.55	ND	NA	NA	3342.83	Sampled
MW-2	06/07/18	3388.38	59.31	ND	45.52	ND	NA	NA	3342.86	Sampled
MW-2	09/12/18	3388.38	59.31	ND	45.76	ND	NA	NA	3342.62	Sampled
MW-2	11/29/18	3388.38	59.31	ND	45.62	ND	NA	NA	3342.76	Sampled
MW-2	02/14/19	3388.38	59.31	ND	45.44	ND	NA	NA	3342.94	Sampled
MW-2	05/10/19	3388.38	59.31	ND	45.32	ND	NA	NA	3343.06	Sampled
MW-2	08/27/19	3388.38	59.31	ND	45.24	ND	NA	NA	3343.14	Sampled
MW-2	11/19/19	3388.38	59.31	ND	45.08	ND	NA	NA	3343.30	Sampled
MW-2	03/17/20	3388.38	59.31	ND	45.00	ND	NA	NA	3343.38	Sampled
MW-2	06/26/20	3388.38	59.31	ND	44.91	ND	NA	NA	3343.47	Sampled
MW-2	09/18/20	3388.38	59.31	ND	45.10	ND	NA	NA	3343.28	Sampled
MW-2	12/21/20	3388.38	59.31	ND	44.98	ND	NA	NA	3343.40	Sampled
MW-2	03/24/21	3388.38	59.31	ND	45.01	ND	NA	NA	3343.37	Sampled
MW-2	06/29/21	3388.38	59.31	ND	44.96	ND	NA	NA	3343.42	Sampled
MW-2	08/27/21	3388.38	59.31	ND	45.15	ND	NA	NA	3343.23	Sampled
MW-2	12/02/21	3388.38	59.31	ND	45.25	ND	NA	NA	3343.13	Sampled
MW-3	03/08/18	3388.52	59.68	ND	45.93	ND	NA	NA	3342.59	Sampled
MW-3	06/06/18	3388.52	59.68	ND	45.87	ND	NA	NA	3342.65	Sampled
MW-3	09/12/18	3388.52	59.68	ND	46.11	ND	NA	NA	3342.41	Sampled

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
2018-2020
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-3	06/06/18	3388.52	59.68	ND	45.96	ND	NA	NA	3342.56	Sampled
MW-3	02/14/19	3388.52	59.68	ND	45.79	ND	NA	NA	3342.73	Sampled
MW-3	05/10/19	3388.52	59.68	ND	45.67	ND	NA	NA	3342.85	Sampled
MW-3	08/27/19	3388.52	59.68	ND	45.58	ND	NA	NA	3342.94	Sampled
MW-3	11/19/19	3388.52	59.68	ND	45.44	ND	NA	NA	3343.08	Sampled
MW-3	03/17/20	3388.52	59.68	ND	45.37	ND	NA	NA	3343.15	Sampled
MW-3	06/26/20	3388.52	59.68	ND	45.27	ND	NA	NA	3343.25	Sampled
MW-3	09/18/20	3388.52	59.68	ND	45.46	ND	NA	NA	3343.06	Sampled
MW-3	12/21/20	3388.52	59.68	ND	45.32	ND	NA	NA	3343.20	Sampled
MW-3	03/24/21	3388.52	59.68	ND	45.34	ND	NA	NA	3343.18	Sampled
MW-3	06/29/21	3388.52	59.68	ND	45.31	ND	NA	NA	3343.21	Sampled
MW-3	08/27/21	3388.52	59.68	ND	45.51	ND	NA	NA	3343.01	Sampled
MW-3	12/02/21	3388.52	59.68	ND	45.62	ND	NA	NA	3342.90	Sampled
MW-4	03/08/18	3388.92	58.97	ND	46.39	ND	NA	NA	3342.53	Sampled
MW-4	06/07/18	3388.92	58.97	ND	46.65	ND	NA	NA	3342.27	Sampled
MW-4	09/12/18	3388.92	58.97	ND	46.85	ND	NA	NA	3342.07	Sampled
MW-4	11/29/18	3388.92	58.97	ND	46.72	ND	NA	NA	3342.20	Sampled
MW-4	02/14/19	3388.92	58.97	ND	46.58	ND	NA	NA	3342.34	Sampled
MW-4	05/10/19	3388.92	58.97	ND	46.44	ND	NA	NA	3342.48	Sampled
MW-4	08/27/19	3388.92	58.97	ND	46.36	ND	NA	NA	3342.56	Sampled
MW-4	11/19/19	3388.92	58.97	ND	46.23	ND	NA	NA	3342.69	Sampled
MW-4	03/17/20	3388.92	58.97	ND	46.13	ND	NA	NA	3342.79	Sampled
MW-4	06/26/20	3388.92	58.97	ND	46.05	ND	NA	NA	3342.87	Sampled
MW-4	09/18/20	3388.92	58.97	ND	46.22	ND	NA	NA	3342.70	Sampled
MW-4	12/21/20	3388.92	58.97	ND	46.10	ND	NA	NA	3342.82	Sampled
MW-4	03/24/21	3388.92	58.97	ND	46.11	ND	NA	NA	3342.81	Sampled
MW-4	06/29/21	3388.92	58.97	ND	46.08	ND	NA	NA	3342.84	Sampled
MW-4	08/27/21	3388.92	58.97	ND	46.25	ND	NA	NA	3342.67	Sampled
MW-4	12/02/21	3388.92	58.97	ND	46.36	ND	NA	NA	3342.56	Sampled

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D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-5	03/08/18	3389.40	59.18	ND	47.11	ND	NA	NA	3342.29	Sampled
MW-5	06/07/18	3389.40	59.18	ND	47.06	ND	NA	NA	3342.34	Sampled
MW-5	09/12/18	3389.40	59.18	ND	47.27	ND	NA	NA	3342.13	Sampled
MW-5	11/29/18	3389.40	59.18	ND	47.13	ND	NA	NA	3342.27	Sampled
MW-5	02/14/19	3389.40	59.18	ND	46.99	ND	NA	NA	3342.41	Sampled
MW-5	05/10/19	3389.40	59.18	ND	46.84	ND	NA	NA	3342.56	Sampled
MW-5	08/27/19	3389.40	59.18	ND	46.78	ND	NA	NA	3342.62	Sampled
MW-5	11/19/19	3389.40	59.18	ND	46.63	ND	NA	NA	3342.77	Sampled
MW-5	03/17/20	3389.40	59.18	ND	46.53	ND	NA	NA	3342.87	Sampled
MW-5	06/26/20	3389.40	59.18	ND	46.46	ND	NA	NA	3342.94	Sampled
MW-5	09/18/20	3389.40	59.18	ND	46.63	ND	NA	NA	3342.77	Sampled
MW-5	12/21/20	3389.40	59.18	ND	46.48	ND	NA	NA	3342.92	Sampled
MW-5	03/24/21	3389.40	59.18	ND	46.51	ND	NA	NA	3342.89	Sampled
MW-5	06/29/21	3389.40	59.18	ND	46.48	ND	NA	NA	3342.92	Sampled
MW-5	08/27/21	3389.40	59.18	ND	46.63	ND	NA	NA	3342.77	Sampled
MW-5	12/02/21	3389.40	59.18	ND	46.75	ND	NA	NA	3342.65	Sampled
MW-6	03/08/18	3389.72	57.76	ND	47.78	ND	NA	NA	3341.94	Sampled
MW-6	06/06/18	3389.72	57.76	ND	47.73	ND	NA	NA	3341.99	Sampled
MW-6	09/12/18	3389.72	57.76	ND	47.92	ND	NA	NA	3341.80	Sampled
MW-6	11/29/18	3389.72	57.76	ND	47.79	ND	NA	NA	3341.93	Sampled
MW-6	02/14/19	3389.72	57.76	ND	47.64	ND	NA	NA	3342.08	Sampled
MW-6	05/10/19	3389.72	57.76	ND	47.73	ND	NA	NA	3341.99	Sampled
MW-6	08/27/19	3389.72	57.76	ND	47.51	ND	NA	NA	3342.21	Sampled
MW-6	11/19/19	3389.72	57.76	ND	47.29	ND	NA	NA	3342.43	Sampled
MW-6	03/17/20	3389.72	57.76	ND	47.19	ND	NA	NA	3342.53	Sampled
MW-6	06/26/20	3389.72	57.76	ND	47.11	ND	NA	NA	3342.61	Sampled
MW-6	09/18/20	3389.72	57.76	ND	47.27	ND	NA	NA	3342.45	Sampled
MW-6	12/21/20	3389.72	57.76	ND	47.12	ND	NA	NA	3342.60	Sampled

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	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
MW-6	03/24/21	3389.72	57.76	ND	47.16	ND	NA	NA	3342.56	Sampled
MW-6	06/29/21	3389.72	57.76	ND	47.12	ND	NA	NA	3342.60	Sampled
MW-6	08/27/21	3389.72	57.76	ND	47.28	ND	NA	NA	3342.44	Sampled
MW-6	12/02/21	3389.72	57.76	ND	47.39	ND	NA	NA	3342.33	Sampled
MW-7	03/08/18	3389.28	55.34	ND	47.34	ND	NA	NA	3341.94	Sampled
MW-7	06/06/18	3389.28	55.34	ND	47.28	ND	NA	NA	3342.00	Sampled
MW-7	09/12/18	3389.28	55.34	ND	47.50	ND	NA	NA	3341.78	Sampled
MW-7	11/29/18	3389.28	55.34	ND	47.33	ND	NA	NA	3341.95	Sampled
MW-7	02/14/19	3389.28	55.34	ND	47.19	ND	NA	NA	3342.09	Sampled
MW-7	05/10/19	3389.28	55.34	ND	47.28	ND	NA	NA	3342.00	Sampled
MW-7	08/27/19	3389.28	55.34	ND	47.07	ND	NA	NA	3342.21	Sampled
MW-7	11/19/19	3389.28	55.34	ND	46.85	ND	NA	NA	3342.43	Sampled
MW-7	03/17/20	3389.28	55.34	ND	46.75	ND	NA	NA	3342.53	Sampled
MW-7	06/26/20	3389.28	55.34	ND	46.67	ND	NA	NA	3342.61	Sampled
MW-7	09/18/20	3389.28	55.34	ND	46.85	ND	NA	NA	3342.43	Sampled
MW-7	12/21/20	3389.28	55.34	ND	46.71	ND	NA	NA	3342.57	Sampled
MW-7	03/24/201	3389.28	55.34	ND	46.73	ND	NA	NA	3342.55	Sampled
MW-7	06/29/21	3389.28	55.34	ND	46.70	ND	NA	NA	3342.58	Sampled
MW-7	08/27/21	3389.28	55.34	ND	46.85	ND	NA	NA	3342.43	Sampled
MW-7	12/02/21	3389.28	55.34	ND	46.97	ND	NA	NA	3342.31	Sampled
RW-1	01/04/18	3389.34	64.60	ND	47.03	ND	NA	10.00	3342.31	
RW-1	01/10/18	3389.34	64.60	ND	46.95	ND	NA	NA	3342.39	
RW-1	01/17/18	3389.34	64.60	ND	46.97	ND	NA	NA	3342.37	
RW-1	01/26/18	3389.34	64.60	ND	46.86	ND	NA	NA	3342.48	
RW-1	02/01/18	3389.34	64.60	ND	46.90	ND	NA	NA	3342.44	
RW-1	02/08/18	3389.34	64.60	ND	46.87	ND	NA	10.00	3342.47	
RW-1	02/14/18	3389.34	64.60	ND	46.83	ND	NA	NA	3342.51	
RW-1	02/21/18	3389.34	64.60	ND	46.82	ND	NA	10.00	3342.52	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
2018-2020
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
RW-1	02/28/18	3389.34	64.60	ND	46.80	ND	NA	NA	3342.54	
RW-1	03/08/18	3389.34	64.60	sheen	46.90	sheen	NA	NA	3342.44	Sampled
RW-1	03/15/18	3389.34	64.60	ND	46.88	ND	NA	10.00	3342.46	
RW-1	03/22/18	3389.34	64.60	ND	46.82	ND	NA	10.00	3342.52	
RW-1	03/28/18	3389.34	64.60	ND	46.85	ND	NA	10.00	3342.49	
RW-1	04/03/18	3389.34	64.60	sheen	46.86	sheen	NA	10.00	3342.48	
RW-1	04/10/18	3389.34	64.60	ND	46.90	ND	NA	10.00	3342.44	
RW-1	04/19/18	3389.34	64.60	ND	46.92	ND	NA	10.00	3342.42	
RW-1	04/25/18	3389.34	64.60	ND	46.92	ND	NA	10.00	3342.42	
RW-1	05/02/18	3389.34	64.60	ND	46.80	ND	sheen	10.00	3342.54	
RW-1	05/10/18	3389.34	64.60	sheen	46.86	sheen	NA	10.00	3342.48	
RW-1	05/15/18	3389.34	64.60	sheen	46.82	sheen	NA	NA	3342.52	
RW-1	05/23/18	3389.34	64.60	sheen	46.80	sheen	NA	10.00	3342.54	
RW-1	06/07/18	3389.34	64.50	ND	46.81	ND	NA	NA	3342.53	Sampled
RW-1	06/13/18	3389.34	64.50	ND	46.88	ND	NA	10.00	3342.46	
RW-1	06/20/18	3389.34	64.50	ND	46.94	ND	NA	10.00	3342.40	
RW-1	06/28/18	3389.34	64.50	ND	46.84	ND	NA	10.00	3342.50	
RW-1	07/05/18	3389.34	64.50	ND	46.88	ND	NA	10.00	3342.46	
RW-1	07/12/18	3389.34	64.50	ND	46.88	ND	NA	NA	3342.46	
RW-1	07/20/18	3389.34	64.50	ND	46.70	ND	NA	10.00	3342.64	
RW-1	07/26/18	3389.34	64.50	ND	46.96	ND	NA	10.00	3342.38	
RW-1	08/01/18	3389.34	64.50	ND	46.88	ND	NA	10.00	3342.46	
RW-1	08/08/18	3389.34	64.50	ND	46.82	ND	NA	10.00	3342.52	
RW-1	08/14/18	3389.34	64.50	ND	46.97	ND	NA	10.00	3342.37	
RW-1	08/21/18	3389.34	64.60	ND	46.76	ND	NA	10.00	3342.58	
RW-1	08/30/18	3389.34	64.60	ND	46.79	ND	NA	10.00	3342.55	
RW-1	09/12/18	3389.34	64.60	ND	47.06	ND	NA	10.00	3342.28	
RW-1	09/18/18	3389.34	64.60	ND	47.03	ND	NA	10.00	3342.31	
RW-1	09/26/18	3389.34	64.60	ND	47.00	ND	NA	10.00	3342.34	
RW-1	10/04/18	3389.34	64.60	ND	47.06	ND	NA	10.00	3342.28	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
2018-2020
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
RW-1	10/11/18	3389.34	64.60	ND	47.10	ND	NA	NA	3342.24	
RW-1	10/17/18	3389.34	64.60	ND	46.91	ND	NA	10.00	3342.43	
RW-1	10/24/18	3389.34	64.50	ND	47.01	ND	NA	NA	3342.33	Sampled
RW-1	11/01/18	3389.34	64.50	ND	46.50	ND	NA	10.00	3342.84	
RW-1	11/07/18	3389.34	64.50	ND	46.54	ND	NA	10.00	3342.80	
RW-1	11/13/18	3389.34	64.50	ND	46.58	ND	NA	10.00	3342.76	
RW-1	11/21/18	3389.34	64.50	ND	46.76	ND	NA	NA	3342.58	
RW-1	11/29/18	3389.34	64.50	sheen	46.92	sheen	NA	10.00	3342.42	
RW-1	12/07/18	3389.34	64.50	ND	46.95	ND	NA	10.00	3342.39	
RW-1	12/13/18	3389.34	64.50	ND	46.92	ND	NA	10.00	3342.42	
RW-1	12/19/18	3389.34	64.50	ND	46.90	ND	NA	10.00	3342.44	
RW-1	01/09/19	3389.34	64.50	ND	46.91	ND	NA	10.00	3342.43	
RW-1	01/18/19	3389.34	64.50	ND	46.80	ND	NA	10.00	3342.54	
RW-1	01/23/19	3389.34	64.50	ND	46.82	ND	NA	10.00	3342.52	
RW-1	01/30/19	3389.34	64.50	ND	46.84	ND	NA	10.00	3342.50	
RW-1	02/06/19	3389.34	64.50	ND	46.86	ND	NA	10.00	3342.48	
RW-1	02/14/19	3389.34	64.50	ND	46.74	ND	NA	10.00	3342.60	
RW-1	02/28/19	3389.34	64.50	46.80	46.81	0.01	NA	10.00	3342.54	
RW-1	03/06/19	3389.34	64.50	ND	46.71	ND	NA	10.00	3342.63	
RW-1	03/12/19	3389.34	64.50	sheen	46.71	sheen	NA	10.00	3342.63	
RW-1	03/22/19	3389.34	64.50	sheen	46.70	sheen	sheen	10.00	3342.64	
RW-1	03/28/19	3389.34	64.50	sheen	46.70	sheen	NA	10.00	3342.64	
RW-1	04/03/19	3389.34	64.50	ND	46.67	ND	NA	10.00	3342.67	
RW-1	04/11/19	3389.34	64.50	ND	46.65	ND	NA	10.00	3342.69	
RW-1	04/16/19	3389.34	64.50	ND	46.69	ND	NA	10.00	3342.65	
RW-1	04/25/19	3389.34	64.50	ND	46.71	ND	NA	10.00	3342.63	
RW-1	05/01/19	3389.34	64.50	ND	46.59	ND	NA	10.00	3342.75	
RW-1	05/10/19	3389.34	64.50	ND	46.62	ND	NA	10.00	3342.72	
RW-1	05/17/19	3389.34	64.50	ND	46.62	ND	NA	10.00	3342.72	
RW-1	05/24/19	3389.34	64.50	ND	46.64	ND	NA	10.00	3342.70	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
2018-2020
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
RW-1	06/05/19	3389.34	64.50	ND	46.65	ND	NA	10.00	3342.69	
RW-1	06/14/19	3389.34	64.50	ND	46.75	ND	NA	10.00	3342.59	
RW-1	06/20/19	3389.34	64.50	ND	46.65	ND	NA	10.00	3342.69	
RW-1	06/26/19	3389.34	64.50	ND	46.62	ND	NA	10.00	3342.72	
RW-1	07/03/19	3389.34	64.50	ND	46.54	ND	NA	10.00	3342.80	
RW-1	07/11/19	3389.34	64.50	ND	46.60	ND	NA	10.00	3342.74	
RW-1	07/26/19	3389.34	64.50	ND	46.53	ND	NA	10.00	3342.81	
RW-1	08/10/19	3389.34	64.50	sheen	46.55	sheen	sheen	10.00	3342.79	
RW-1	08/15/19	3389.34	64.50	sheen	46.56	sheen	sheen	10.00	3342.78	
RW-1	08/27/19	3389.34	64.50	sheen	46.56	sheen	NA	10.00	3342.78	
RW-1	09/13/19	3389.34	64.50	ND	46.24	ND	NA	10.00	3343.10	
RW-1	09/20/19	3389.34	64.50	ND	46.52	ND	NA	NA	3342.82	
RW-1	10/09/19	3389.34	64.50	ND	46.48	ND	NA	10.00	3342.86	
RW-1	10/17/19	3389.34	64.50	ND	46.46	ND	NA	NA	3342.88	
RW-1	11/01/19	3389.34	64.50	ND	46.46	ND	NA	NA	3342.88	
RW-1	11/08/19	3389.34	64.50	ND	46.46	ND	NA	NA	3342.88	
RW-1	11/15/19	3389.34	64.50	46.45	46.48	0.03	sheen	10.00	3342.89	
RW-1	11/19/19	3389.34	64.50	ND	46.44	ND	NA	NA	3342.90	
RW-1	11/26/19	3389.34	64.50	ND	46.29	ND	NA	NA	3343.05	
RW-1	12/03/19	3389.34	64.50	46.40	46.41	0.01	sheen	10.00	3342.94	
RW-1	12/13/19	3389.34	64.50	46.38	46.40	0.02	sheen	10.00	3342.96	
RW-1	12/20/19	3389.34	64.50	ND	46.42	ND	NA	NA	3342.92	
RW-1	12/27/19	3389.34	64.50	ND	46.40	ND	NA	NA	3342.94	
RW-1	01/03/20	3389.34	64.50	ND	46.40	ND	NA	NA	3342.94	
RW-1	01/09/20	3389.34	64.50	ND	46.05	ND	NA	NA	3343.29	
RW-1	01/15/20	3389.34	64.50	ND	46.38	ND	NA	10.00	3342.96	
RW-1	01/30/20	3389.34	64.50	ND	46.39	ND	NA	NA	3342.95	
RW-1	02/12/20	3389.34	64.50	ND	46.34	ND	NA	10.00	3343.00	
RW-1	02/20/20	3389.34	64.50	ND	46.40	ND	NA	10.00	3342.94	
RW-1	02/27/20	3389.34	64.50	ND	46.39	ND	NA	10.00	3342.95	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
2018-2020
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
RW-1	03/04/20	3389.34	64.50	sheen	46.36	sheen	NA	10.00	3342.98	
RW-1	03/12/20	3389.34	64.50	sheen	46.29	sheen	NA	10.00	3343.05	
RW-1	03/17/20	3389.34	64.50	sheen	46.34	sheen	NA	NA	3343.00	
RW-1	03/23/20	3389.34	64.50	sheen	46.35	sheen	NA	10.00	3342.99	
RW-1	05/07/20	3389.34	64.50	ND	46.16	ND	NA	NA	3343.18	
RW-1	05/29/20	3389.34	64.50	ND	46.20	ND	sheen	10.00	3343.14	
RW-1	06/12/20	3389.34	64.50	ND	46.28	ND	sheen	10.00	3343.06	
RW-1	06/26/20	3389.34	64.50	sheen	46.24	sheen	NA	NA	3343.10	
RW-1	07/21/20	3389.34	64.50	ND	46.25	ND	sheen	10.00	3343.09	
RW-1	08/06/20	3389.34	64.50	ND	46.38	ND	NA	NA	3342.96	
RW-1	09/18/20	3389.34	64.50	ND	46.40	ND	NA	NA	3342.94	
RW-1	09/30/20	3389.34	64.50	ND	46.31	ND	NA	10.00	3343.03	
RW-1	10/09/20	3389.34	64.50	ND	46.49	ND	NA	NA	3342.85	
RW-1	11/13/20	3389.34	64.50	sheen	46.46	sheen	NA	NA	3342.88	
RW-1	12/21/20	3389.34	64.50	sheen	46.27	sheen	NA	NA	3343.07	Sampled
RW-1	01/08/21	3389.34	64.50	ND	46.38	ND	NA	NA	3342.96	
RW-1	02/04/21	3389.34	64.50	ND	46.34	ND	NA	10.00	3343.00	
RW-1	03/22/21	3389.34	64.50	sheen	46.30	sheen	NA	NA	3343.04	
RW-1	03/24/21	3389.34	64.50	ND	46.32	ND	NA	NA	3343.02	Sampled
RW-1	04/08/21	3389.34	64.50	ND	46.29	ND	NA	NA	3343.05	
RW-1	05/28/21	3389.34	64.50	ND	46.24	ND	NA	10.00	3343.10	
RW-1	06/29/21	3389.34	64.50	ND	46.28	ND	NA	NA	3343.06	
RW-1	07/15/21	3389.34	64.50	sheen	46.28	sheen	NA	10.00	3343.06	
RW-1	08/03/21	3389.34	64.50	ND	46.35	ND	NA	10.00	3342.99	
RW-1	08/27/21	3389.34	64.50	ND	46.44	ND	NA	NA	3342.90	
RW-1	09/01/21	3389.34	64.50	ND	46.46	ND	NA	NA	3342.88	
RW-1	09/24/21	3389.34	64.50	ND	46.57	ND	NA	10.00	3342.77	
RW-1	10/01/21	3389.34	64.50	sheen	46.52	sheen	NA	10.00	3342.82	
RW-1	11/10/21	3389.34	64.50	ND	46.62	ND	NA	10.00	3342.72	
RW-1	12/22/21	3389.34	64.50	ND	46.60	ND	NA	10.00	3342.74	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
2018-2020
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D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
RW-2	01/04/18	3389.06	68.38	sheen	46.77	sheen	NA	10.00	3342.29	
RW-2	01/10/18	3389.06	68.38	sheen	46.69	sheen	NA	NA	3342.37	
RW-2	01/17/18	3389.06	68.38	sheen	46.67	sheen	NA	NA	3342.39	
RW-2	01/26/18	3389.06	68.38	sheen	46.64	sheen	NA	NA	3342.42	
RW-2	02/01/18	3389.06	68.38	ND	47.01	ND	NA	NA	3342.05	
RW-2	02/08/18	3389.06	68.38	ND	46.87	ND	NA	10.00	3342.19	
RW-2	02/14/18	3389.06	68.38	ND	46.61	ND	NA	NA	3342.45	
RW-2	02/21/18	3389.06	68.38	ND	46.64	ND	NA	10.00	3342.42	
RW-2	02/28/18	3389.06	68.38	ND	46.55	ND	NA	NA	3342.51	
RW-2	03/08/18	3389.06	68.40	ND	46.65	ND	NA	NA	3342.41	Sampled
RW-2	03/15/18	3389.06	68.40	ND	46.63	ND	NA	10.00	3342.43	
RW-2	03/22/18	3389.06	68.40	ND	46.68	ND	NA	10.00	3342.38	
RW-2	03/28/18	3389.06	68.40	ND	46.61	ND	NA	10.00	3342.45	
RW-2	04/03/18	3389.06	68.40	ND	46.61	ND	NA	10.00	3342.45	
RW-2	04/10/18	3389.06	68.40	sheen	46.65	sheen	Sheen	10.00	3342.41	
RW-2	04/19/18	3389.06	68.40	sheen	46.70	sheen	Sheen	10.00	3342.36	
RW-2	04/25/18	3389.06	68.40	sheen	46.72	sheen	NA	10.00	3342.34	
RW-2	05/02/18	3389.06	68.40	sheen	46.55	sheen	NA	10.00	3342.51	
RW-2	05/10/18	3389.06	68.40	ND	46.55	ND	NA	10.00	3342.51	
RW-2	05/15/18	3389.06	68.40	ND	46.56	ND	NA	NA	3342.50	
RW-2	05/23/18	3389.06	68.40	ND	46.50	ND	NA	NA	3342.56	
RW-2	06/07/18	3389.06	68.40	sheen	46.58	sheen	NA	NA	3342.48	Sampled
RW-2	06/13/18	3389.06	68.40	sheen	46.61	sheen	NA	10.00	3342.45	
RW-2	06/20/18	3389.06	68.40	ND	46.66	ND	NA	10.00	3342.40	
RW-2	06/28/18	3389.06	68.40	ND	46.59	ND	NA	10.00	3342.47	
RW-2	07/05/18	3389.06	68.40	ND	46.65	ND	NA	10.00	3342.41	
RW-2	07/12/18	3389.06	68.40	ND	46.68	ND	NA	NA	3342.38	
RW-2	07/20/18	3389.06	68.40	ND	46.65	ND	NA	20.00	3342.41	
RW-2	07/26/18	3389.06	68.40	ND	46.70	ND	NA	20.00	3342.36	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
2018-2020
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
RW-2	08/01/18	3389.06	68.40	ND	46.62	ND	NA	10.00	3342.44	
RW-2	08/08/18	3389.06	68.40	ND	46.60	ND	NA	10.00	3342.46	
RW-2	08/14/18	3389.06	68.40	ND	46.75	ND	NA	NA	3342.31	
RW-2	08/21/18	3389.06	68.40	ND	46.57	ND	NA	NA	3342.49	
RW-2	08/30/18	3389.06	68.40	ND	46.59	ND	NA	NA	3342.47	Sampled
RW-2	09/12/18	3389.06	68.40	sheen	46.86	sheen	NA	10.00	3342.20	
RW-2	09/18/18	3389.06	68.40	ND	46.81	ND	NA	10.00	3342.25	
RW-2	09/26/18	3389.06	68.40	ND	46.75	ND	NA	10.00	3342.31	
RW-2	10/04/18	3389.06	68.40	ND	46.81	ND	NA	10.00	3342.25	
RW-2	10/11/18	3389.06	68.40	ND	46.85	ND	NA	NA	3342.21	
RW-2	10/17/18	3389.06	68.40	sheen	46.59	sheen	NA	20.00	3342.47	
RW-2	10/24/18	3389.06	68.40	ND	46.78	ND	NA	20.00	3342.28	
RW-2	11/01/18	3389.06	68.40	ND	46.82	ND	NA	20.00	3342.24	
RW-2	11/07/18	3389.06	68.40	ND	46.85	ND	NA	20.00	3342.21	
RW-2	11/13/18	3389.06	68.40	sheen	46.89	sheen	NA	20.00	3342.17	
RW-2	11/21/18	3389.06	68.40	sheen	46.77	sheen	NA	20.00	3342.29	
RW-2	11/29/18	3389.06	68.40	sheen	46.68	sheen	NA	20.00	3342.38	
RW-2	12/07/18	3389.06	68.40	ND	46.72	ND	NA	20.00	3342.34	
RW-2	12/13/18	3389.06	68.40	ND	46.70	ND	NA	10.00	3342.36	
RW-2	12/19/18	3389.06	68.40	sheen	46.72	sheen	NA	10.00	3342.34	
RW-2	01/09/19	3389.06	68.40	sheen	46.77	sheen	NA	10.00	3342.29	
RW-2	01/18/19	3389.06	68.40	ND	46.54	ND	NA	10.00	3342.52	
RW-2	01/23/19	3389.06	68.40	ND	46.59	ND	NA	10.00	3342.47	
RW-2	01/30/19	3389.06	68.40	sheen	46.69	sheen	NA	10.00	3342.37	
RW-2	02/06/19	3389.06	68.40	sheen	46.70	sheen	NA	10.00	3342.36	
RW-2	02/14/19	3389.06	68.40	46.50	46.51	0.01	NA	10.00	3342.56	
RW-2	02/28/19	3389.06	68.40	sheen	46.60	sheen	NA	10.00	3342.46	
RW-2	03/06/19	3389.06	68.40	sheen	46.74	sheen	NA	10.00	3342.32	
RW-2	03/12/19	3389.06	68.40	sheen	46.72	sheen	NA	10.00	3342.34	
RW-2	03/22/19	3389.06	68.40	ND	46.74	ND	NA	10.00	3342.32	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
2018-2020
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
RW-2	03/28/19	3389.06	68.40	ND	46.41	ND	NA	10.00	3342.65	
RW-2	04/03/19	3389.06	68.40	ND	46.43	ND	NA	10.00	3342.63	
RW-2	04/11/19	3389.06	68.40	ND	46.39	ND	NA	10.00	3342.67	
RW-2	04/16/19	3389.06	68.40	ND	46.40	ND	NA	10.00	3342.66	
RW-2	04/25/19	3389.06	68.40	sheen	46.41	sheen	NA	10.00	3342.65	
RW-2	05/01/19	3389.06	68.40	sheen	46.30	sheen	NA	10.00	3342.76	
RW-2	05/10/19	3389.06	68.40	sheen	46.38	sheen	NA	10.00	3342.68	
RW-2	05/17/19	3389.06	68.40	sheen	46.33	sheen	NA	10.00	3342.73	
RW-2	05/24/19	3389.06	68.40	sheen	46.43	sheen	NA	10.00	3342.63	
RW-2	06/05/19	3389.06	68.40	ND	46.44	ND	NA	10.00	3342.62	
RW-2	06/14/19	3389.06	68.40	ND	46.30	ND	NA	10.00	3342.76	
RW-2	06/20/19	3389.06	68.40	sheen	46.48	sheen	NA	10.00	3342.58	
RW-2	06/26/19	3389.06	68.40	ND	46.35	ND	NA	10.00	3342.71	
RW-2	07/03/19	3389.06	68.40	ND	46.31	ND	NA	10.00	3342.75	
RW-2	07/11/19	3389.06	68.40	ND	46.34	ND	NA	10.00	3342.72	
RW-2	07/26/19	3389.06	68.40	sheen	46.30	sheen	NA	10.00	3342.76	
RW-2	08/10/19	3389.06	68.40	sheen	46.31	sheen	Sheen	10.00	3342.75	
RW-2	08/15/19	3389.06	68.40	ND	46.32	ND	NA	10.00	3342.74	
RW-2	08/27/19	3389.06	68.40	sheen	46.31	sheen	NA	10.00	3342.75	
RW-2	09/13/19	3389.06	68.40	ND	46.30	ND	NA	NA	3342.76	
RW-2	09/20/19	3389.06	68.40	ND	46.43	ND	NA	NA	3342.63	
RW-2	10/19/19	3389.06	68.40	ND	46.22	ND	NA	10.00	3342.84	
RW-2	10/17/19	3389.06	68.40	ND	46.21	ND	NA	NA	3342.85	
RW-2	11/01/19	3389.06	68.40	ND	46.21	ND	NA	NA	3342.85	
RW-2	11/08/19	3389.06	68.40	ND	46.20	ND	NA	NA	3342.86	
RW-2	11/15/19	3389.06	68.40	ND	46.20	ND	NA	NA	3342.86	
RW-2	11/19/19	3389.06	68.40	sheen	46.18	sheen	NA	NA	3342.88	
RW-2	11/26/19	3389.06	68.40	ND	46.13	ND	NA	NA	3342.93	
RW-2	12/03/19	3389.06	68.40	ND	46.15	ND	NA	NA	3342.91	
RW-2	12/13/19	3389.06	68.40	ND	46.13	ND	NA	NA	3342.93	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
2018-2020
PLAINS MARKETING, L.P.
D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
RW-2	12/20/19	3389.06	68.40	sheen	46.16	sheen	NA	NA	3342.90	
RW-2	12/27/19	3389.06	68.40	sheen	46.13	sheen	NA	NA	3342.93	
RW-2	01/03/20	3389.06	68.40	ND	46.08	ND	NA	10.00	3342.98	
RW-2	01/09/20	3389.06	68.40	ND	46.11	ND	NA	10.00	3342.95	
RW-2	01/15/20	3389.06	68.40	ND	46.13	ND	NA	NA	3342.93	
RW-2	01/30/20	3389.06	68.40	sheen	46.04	sheen	NA	NA	3343.02	
RW-2	02/12/20	3389.06	68.40	ND	46.10	ND	NA	10.00	3342.96	
RW-2	02/20/20	3389.06	68.40	sheen	46.13	sheen	Sheen	10.00	3342.93	
RW-2	02/27/20	3389.06	68.40	ND	46.13	ND	NA	NA	3342.93	
RW-2	03/04/20	3389.06	68.40	sheen	46.11	sheen	NA	NA	3342.95	
RW-2	03/12/20	3389.06	68.40	ND	46.07	ND	NA	NA	3342.99	
RW-2	03/17/20	3389.06	68.40	ND	46.02	ND	NA	NA	3343.04	
RW-2	03/23/20	3389.06	68.40	ND	46.00	ND	NA	10.00	3343.06	
RW-2	05/07/20	3389.06	68.40	ND	45.90	ND	NA	NA	3343.16	
RW-2	05/29/20	3389.06	68.40	ND	45.93	ND	NA	10.00	3343.13	
RW-2	06/12/20	3389.06	68.40	ND	45.99	ND	NA	NA	3343.07	
RW-2	06/26/20	3389.06	68.40	ND	46.00	ND	NA	NA	3343.06	
RW-2	07/21/20	3389.06	68.40	ND	46.00	ND	NA	NA	3343.06	
RW-2	08/06/20	3389.06	68.40	ND	46.12	ND	NA	NA	3342.94	
RW-2	09/18/20	3389.06	68.40	ND	46.15	ND	NA	NA	3342.91	
RW-2	09/30/20	3389.06	68.40	sheen	46.17	sheen	sheen	10.00	3342.89	
RW-2	10/09/20	3389.06	68.40	sheen	46.22	sheen	sheen	10.00	3342.84	
RW-2	11/13/20	3389.06	68.40	ND	46.46	ND	NA	10.00	3342.60	
RW-2	12/21/20	3389.06	68.40	sheen	46.02	sheen	sheen	10.00	3343.04	Sampled
RW-2	01/08/21	3389.06	68.40	ND	46.14	ND	NA	20.00	3342.92	
RW-2	02/04/21	3389.06	68.40	sheen	46.08	sheen	sheen	10.00	3342.98	
RW-2	03/22/21	3389.06	68.40	ND	46.06	ND	NA	10.00	3343.00	
RW-2	03/24/21	3389.06	68.40	ND	46.08	ND	NA	10.00	3342.98	Sampled
RW-2	04/08/21	3389.06	68.40	ND	46.04	ND	NA	10.00	3343.02	
RW-2	05/28/21	3389.06	68.40	ND	46.12	ND	NA	10.00	3342.94	

TABLE 2
 HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
 2018-2020
 PLAINS MARKETING, L.P.
 D.S. HUGH SITE
 LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
							PSH	H ₂ O		
RW-2	06/29/21	3389.06	68.40	ND	46.02	ND	ND	10.00	3343.04	
RW-2	07/15/21	3389.06	68.40	ND	46.05	ND	ND	10.00	3343.01	
RW-2	08/03/21	3389.06	68.40	ND	46.11	ND	ND	10.00	3342.95	
RW-2	08/27/21	3389.06	68.40	sheen	46.20	sheen	sheen	10.00	3342.86	
RW-2	09/01/21	3389.06	68.40	ND	46.21	ND	ND	10.00	3342.85	
RW-2	09/24/21	3389.06	68.40	ND	46.32	ND	ND	10.00	3342.74	
RW-2	10/01/21	3389.06	68.40	ND	46.28	ND	ND	10.00	3342.78	
RW-2	11/10/21	3389.06	68.40	sheen	46.38	sheen	sheen	10.00	3342.68	
RW-2	12/22/21	3389.06	68.40	sheen	46.40	sheen	sheen	10.00	3342.66	

NA: Not Applicable

ND: Not Detected

NG: Not Gauged

^a Possible error in field data entry

TABLE 3
2020 and 2021 GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
DS Hugh Site
SRS #2000-10807
Lea County, New Mexico

Well Number	Sample Date	Sample ID	SW 846-8260B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-1	03/19/20	L1201827-01	0.0178	<0.001	0.0375	0.0730
MW-1	06/26/20	L1234397-01	0.0272	<0.001	0.0400	0.0777
MW-1	09/18/20	NS	NS	NS	NS	NS
MW-1	12/21/20	NS	NS	NS	NS	NS
MW-1	03/24/21	L1331413-01	0.00568	<0.001	0.0282	0.0389
MW-1	06/29/21	L1374009-01	0.0205	<0.001	0.0489	0.0332
MW-1	08/27/21	L1396395-01	0.00504	<0.001	0.0186	0.0163
MW-1	12/02/21	NS	NS	NS	NS	NS
MW-2	03/19/20	L1201827-02	<0.001	<0.001	<0.001	<0.003
MW-2	06/26/20	L1234397-02	<0.001	<0.001	<0.001	<0.003
MW-2	09/18/20	L1264237-01	<0.001	<0.001	<0.001	<0.003
MW-2	12/21/20	L1300778-01	<0.001	<0.001	<0.001	<0.003
MW-2	03/24/21	L1331413-02	<0.001	<0.001	<0.001	<0.003
MW-2	06/30/21	L1374009-02	<0.001	<0.001	<0.001	<0.003
MW-2	08/27/21	L1396395-02	<0.001	<0.001	<0.001	<0.003
MW-2	12/02/21	L1438373-01	<0.001	<0.001	<0.001	<0.003
MW-3	03/19/20	L1201827-03	<0.001	<0.001	<0.001	<0.003
MW-3	06/26/20	L1234397-03	<0.001	<0.001	<0.001	<0.003
MW-3	09/18/20	L1264237-02	<0.001	<0.001	<0.001	<0.003
MW-3	12/21/20	L1300778-02	<0.001	<0.001	<0.001	<0.003
MW-3	03/24/21	L1331413-03	<0.001	<0.001	<0.001	<0.003
MW-3	06/29/21	L1374009-03	<0.001	<0.001	<0.001	<0.003
MW-3	08/27/21	L1396395-03	<0.001	<0.001	<0.001	<0.003
MW-3	12/02/21	L1438373-02	<0.001	<0.001	<0.001	<0.003
MW-4	03/19/20	L1201827-04	0.00639	<0.001	<0.001	<0.003
MW-4	06/26/20	L1234397-04	0.00231	0.00153	0.00501	0.00949
MW-4	09/18/20	L1264237-03	<0.001	<0.001	<0.001	<0.003
MW-4	12/21/20	L1300778-03	<0.001	<0.001	<0.001	<0.003
MW-4	03/24/21	L1331413-04	<0.001	<0.001	<0.001	<0.003
MW-4	06/30/21	L1374009-04	<0.001	<0.001	<0.001	<0.003
MW-4	08/27/21	L1396395-04	<0.001	<0.001	<0.001	<0.003
MW-4	12/02/21	L1438373-03	<0.001	<0.001	<0.001	<0.003
MW-5	03/19/20	L1201827-05	<0.001	<0.001	<0.001	<0.003
MW-5	06/26/20	L1234397-05	<0.001	<0.001	<0.001	<0.003
MW-5	09/18/20	L1264237-04	<0.001	<0.001	<0.001	<0.003
MW-5	12/21/20	L1300778-04	<0.001	<0.001	<0.001	<0.003
MW-5	03/24/21	L1331413-05	<0.001	<0.001	<0.001	<0.003
MW-5	06/30/21	L1374009-05	<0.001	<0.001	<0.001	<0.003
MW-5	08/27/21	L1396395-05	<0.001	<0.001	<0.001	<0.003
MW-5	12/02/21	L1438373-04	<0.001	<0.001	<0.001	<0.003
MW-6	03/19/20	L1201827-06	<0.001	<0.001	<0.001	<0.003
MW-6	06/26/20	L1234397-06	<0.001	<0.001	<0.001	<0.003
MW-6	09/18/20	L1264237-05	<0.001	<0.001	<0.001	<0.003
MW-6	12/21/20	L1300778-05	<0.001	<0.001	<0.001	<0.003

TABLE 3
2020 and 2021 GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
DS Hugh Site
SRS #2000-10807
Lea County, New Mexico

Well Number	Sample Date	Sample ID	SW 846-8260B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-6	03/24/21	L1331413-06	<0.001	<0.001	<0.001	<0.003
MW-6	06/29/21	L1374009-06	<0.001	<0.001	<0.001	<0.003
MW-6	08/27/21	L1396395-06	<0.001	<0.001	<0.001	<0.003
MW-6	12/02/21	L1438373-05	<0.001	<0.001	<0.001	<0.003
MW-7	03/19/20	L1201827-07	<0.001	<0.001	<0.001	<0.003
MW-7	06/26/20	L1234397-07	<0.001	<0.001	<0.001	<0.003
MW-7	09/18/20	L1264237-06	<0.001	<0.001	<0.001	<0.003
MW-7	12/21/20	L1300778-06	<0.001	<0.001	<0.001	<0.003
MW-7	03/24/21	L1331413-07	<0.001	<0.001	<0.001	<0.003
MW-7	06/29/21	L1374009-07	<0.001	<0.001	<0.001	<0.003
MW-7	08/27/21	L1396395-07	<0.001	<0.001	<0.001	<0.003
MW-7	12/02/21	L1438373-06	<0.001	<0.001	<0.001	<0.003
RW-1	03/19/20	L1201827-08	0.0351	<0.001	0.00728	0.0112
RW-1	06/26/20	L1234397-08	0.00120	<0.001	0.00191	0.00338
RW-1	09/18/20	L1264237-07	<0.001	<0.001	<0.001	<0.003
RW-1	12/21/20	L1300778-07	0.0232	<0.001	0.00146	0.00843
RW-1	03/24/21	L1331413-08	0.0147	0.00619	0.00152	0.018
RW-1	06/30/21	L1374009-08	0.00756	0.00483	0.00240	0.00921
RW-1	08/27/21	L1396395-08	<0.001	<0.001	<0.001	<0.003
RW-1	12/02/21	L1438373-07	0.00290	<0.001	<0.001	0.00561
RW-2	03/19/20	L1201827-09	0.00311	<0.001	0.00374	0.0171
RW-2	06/26/20	L1234397-09	<0.001	<0.001	<0.001	<0.003
RW-2	09/18/20	L1264237-08	<0.001	<0.001	<0.001	<0.003
RW-2	12/21/20	L1300778-08	<0.001	<0.001	<0.001	0.00471
RW-2	03/24/21	L1331413-09	<0.001	<0.001	0.00117	0.0084
RW-2	06/30/21	L1374009-09	<0.001	<0.001	<0.001	<0.003
RW-2	08/27/21	L1396395-09	0.0234	0.00272	0.00171	0.0131
RW-2	12/02/21	L1438373-08	<0.001	<0.001	<0.001	<0.003

NMOCD: New Mexico Oil Conservation District

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

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

Well Number	Sample Date	Sample ID	SW 846-8260B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-1	05/22/08	T22302-1	0.512	0.439	0.141	0.323
MW-1	05/19/09	9052214	0.0105	0.0143	0.0061	0.0178
MW-1	05/12/10	1005476-01	0.45	0.68	0.30	0.84
MW-1	05/31/11	1106003-01	0.40	0.36	0.30	0.74
MW-1	05/22/12	12051129-01	0.55	1.5	0.6	1.5
MW-1	06/10/13	L641101-01	0.028	0.10	0.066	0.16
MW-1	06/06/14	L703440-01	0.036	0.19	0.15	0.36
MW-1	06/18/15	L772291-01	0.0039	0.0031 J	0.018	0.059
MW-1	05/20/16	L837134-01	<0.0001	<0.005	<0.001	<0.003
MW-1	05/16/17	L910269-01	0.0254	0.0111	0.0789	0.155
MW-1	03/08/18	L976570-01	0.0115	0.00443	0.027	0.0556
MW-1	06/06/18	L1000531-01	0.0414	0.0128	0.0861	0.177
MW-1	09/12/18	L1025965-01	0.0288	0.00444	0.0696	0.158
MW-1	05/10/19	L1098634-01	0.0372	0.00413	0.0597	0.107
MW-1	08/28/19	L1134078-01	0.0106	<0.001	0.0139	0.0706
MW-1	11/20/19	L1163668-01	0.0171	0.00104	0.0295	0.0898
MW-1	03/19/20	L1201827-01	0.0178	<0.001	0.0375	0.0730
MW-1	06/26/20	L1234397-01	0.0272	<0.001	0.0400	0.0777
MW-1	03/24/21	L1331413-01	0.00568	<0.001	0.0282	0.0389
MW-1	06/29/21	L1374009-01	0.0205	<0.001	0.0489	0.0332
MW-1	08/27/21	L1396395-01	0.00504	<0.001	0.0186	0.0163
MW-1	12/02/21	NS	NS	NS	NS	NS
MW-2	12/21/05	T12186-1	<0.002	<0.002	<0.002	<0.006
MW-2	03/28/06	T13038-1	<0.00038	<0.00036	<0.00035	<0.00072
MW-2	06/15/06	T13864-1	<0.00038	<0.00036	<0.00035	<0.00072
MW-2	09/12/06	T14673-1	<0.00035	<0.00020	<0.00033	<0.00036
MW-2	12/06/06	T15625-1	<0.00035	<0.00020	<0.00033	<0.00036
MW-2	03/01/07	T16518-1	<0.00035	<0.00020	<0.00033	<0.00036
MW-2	06/01/07	T17666-1	<0.00021	<0.00023	<0.00035	<0.00055

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

Well Number	Sample Date	Sample ID	SW 846-8260B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-2	09/07/07	T18804-1	<0.00021	<0.00023	<0.00035	<0.00055
MW-2	11/13/07	T19746-1	<0.0005	<0.0005	<0.0005	<0.001
MW-2	02/27/08	T21042-1	0.00077 J	<0.00023	0.00085 J	0.00068 J
MW-2	05/22/08	T22302-2	0.00029 J	<0.00023	<0.00035	<0.0055
MW-2	08/20/08	T23537-1	<0.0005	<0.0005	<0.0005	<0.001
MW-2	11/19/08	180051	0.00230	<0.00100	0.00180	0.00130
MW-2	02/17/09	187738	<0.001	<0.001	<0.001	<0.001
MW-2	05/19/09	9052214	<0.000133	<0.000281	<0.000535	<0.000960
MW-2	08/26/09	208335	<0.000133	<0.000281	<0.000535	<0.000960
MW-2	11/17/09	215429	<0.000160	<0.000332	<0.000230	<0.000143
MW-2	02/09/10	222048	<0.000208	<0.000208	<0.000303	<0.000326
MW-2	05/12/10	1005476-02	0.00077 J	<0.00020	0.00039 J	<0.00070
MW-2	08/26/10	1008908-01	<0.00020	<0.00020	<0.00020	<0.00070
MW-2	11/18/10	1011751-01	<0.00020	<0.00020	<0.00020	<0.00070
MW-2	02/24/11	1102759-01	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	05/31/11	1106003-02	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	08/29/11	1108973-01	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	11/28/11	1111900-01	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	02/22/12	1202868-01	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	05/22/12	12051129-02	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	09/11/12	1209470-01	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	11/26/12	1211905-01	<0.0010	<0.0010	<0.0010	<0.0030
MW-2	02/27/13	L622427-01	<0.001	<0.005	<0.001	<0.003
MW-2	06/10/13	L641101-02	<0.001	<0.005	<0.001	<0.003
MW-2	09/11/13	L657122-01	<0.001	<0.005	<0.001	<0.003
MW-2	12/11/13	L673997-01	<0.001	<0.005	<0.001	<0.003
MW-2	03/05/14	L686932-01	<0.001	<0.005	<0.001	<0.003
MW-2	06/06/14	L703440-02	<0.001	<0.005	<0.001	<0.003
MW-2	09/18/14	L722808-01	<0.001	<0.005	<0.001	<0.003
MW-2	11/12/14	L733859-01	<0.001	<0.005	<0.001	<0.003

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

Well Number	Sample Date	Sample ID	SW 846-8260B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-2	02/24/15	L750324-01	<0.001	<0.005	<0.001	<0.003
MW-2	06/18/15	L772291-02	<0.001	<0.005	<0.001	<0.003
MW-2	08/22/15	L785989-01	<0.001	<0.005	<0.001	<0.003
MW-2	11/19/15	L802533-01	<0.001	<0.005	<0.001	<0.003
MW-2	03/08/16	L822604-01	<0.001	<0.005	<0.001	<0.003
MW-2	05/20/16	L837134-02	<0.001	<0.005	<0.001	<0.003
MW-2	09/21/16	L861614-01	<0.001	<0.005	<0.001	<0.003
MW-2	12/16/16	L879658-01	<0.001	<0.005	<0.001	<0.003
MW-2	03/02/17	L893619-01	<0.001	<0.001	<0.001	<0.003
MW-2	05/16/17	L910269-02	<0.001	<0.001	<0.001	<0.003
MW-2	09/13/17	L936705-01	<0.001	<0.001	<0.001	<0.003
MW-2	11/29/17	L954388-01	<0.001	<0.001	<0.001	<0.003
MW-2	03/08/18	L976570-02	<0.001	<0.001	<0.001	<0.003
MW-2	06/07/18	L1000531-02	<0.001	<0.001	<0.001	<0.003
MW-2	09/12/18	L1025965-02	<0.001	<0.001	<0.001	<0.003
MW-2	11/30/18	L1050022-01	<0.001	<0.001	<0.001	<0.003
MW-2	02/14/19	L1071077-01	<0.001	<0.001	<0.001	<0.003
MW-2	05/10/19	L1098634-02	<0.001	<0.001	<0.001	<0.003
MW-2	08/28/19	L1134078-02	<0.001	<0.001	<0.001	<0.003
MW-2	11/20/19	L1163668-02	<0.001	<0.001	<0.001	<0.003
MW-2	03/19/20	L1201827-02	<0.001	<0.001	<0.001	<0.003
MW-2	06/26/20	L1234397-02	<0.001	<0.001	<0.001	<0.003
MW-2	09/18/20	L1264237-01	<0.001	<0.001	<0.001	<0.003
MW-2	12/21/20	L1300778-01	<0.001	<0.001	<0.001	<0.003
MW-2	03/24/21	L1331413-02	<0.001	<0.001	<0.001	<0.003
MW-2	06/30/21	L1374009-02	<0.001	<0.001	<0.001	<0.003
MW-2	08/27/21	L1396395-02	<0.001	<0.001	<0.001	<0.003
MW-2	12/02/21	L1438373-01	<0.001	<0.001	<0.001	<0.003
MW-3	12/21/05	T12186-2	<0.002	<0.002	<0.002	<0.006

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

Well Number	Sample Date	Sample ID	SW 846-8260B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-3	03/28/06	T13038-2	<0.00038	<0.00036	<0.00035	<0.00072
MW-3	06/15/06	T13864-2	<0.00038	<0.00036	<0.00035	<0.00072
MW-3	09/12/06	T14673-2	<0.00035	<0.00020	<0.00033	<0.00036
MW-3	12/06/06	T15625-2	<0.00035	<0.00020	<0.00033	<0.00036
MW-3	03/01/07	T16518-2	<0.00035	<0.00020	<0.00033	<0.00036
MW-3	06/01/07	T17666-2	<0.00021	<0.00023	<0.00035	<0.00055
MW-3	09/07/07	T18804-2	<0.00021	<0.00023	<0.00035	<0.00055
MW-3	11/13/07	T19746-2	<0.0005	<0.0005	<0.0005	<0.001
MW-3	02/27/08	T21042-2	0.00021 J	<0.00023	<0.00035	<0.00055
MW-3	05/22/08	T22302-3	<0.00021	<0.00023	<0.00035	<0.00055
MW-3	08/20/08	T23537-2	<0.0005	<0.0005	<0.0005	<0.001
MW-3	11/19/08	180052	<0.00100	<0.00100	<0.00100	<0.00100
MW-3	02/17/09	187739	<0.001	<0.001	<0.001	<0.001
MW-3	05/19/09	9052214	<0.000149	<0.000188	<0.000178	<0.000163
MW-3	08/26/09	208336	<0.000133	<0.000281	<0.000535	<0.000960
MW-3	11/17/09	215430	<0.000160	<0.000332	<0.000230	<0.000143
MW-3	02/09/10	222049	<0.000208	<0.000208	<0.000303	<0.000326
MW-3	05/12/10	1005476-03	0.0012	<0.00020	0.00049 J	0.00088 J
MW-3	08/26/10	1008908-02	<0.00020	<0.00020	<0.00020	<0.00070
MW-3	11/18/10	1011751-02	<0.00020	<0.00020	<0.00020	<0.00070
MW-3	02/24/11	1102759-02	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	05/31/11	1106003-03	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	08/29/11	1108973-02	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	11/28/11	1111900-02	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	02/22/12	1202868-02	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	05/23/12	12051129-03	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	09/11/12	1209470-02	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	11/26/12	1211905-02	<0.0010	<0.0010	<0.0010	<0.0030
MW-3	02/27/13	L622427-02	<0.001	<0.005	<0.001	<0.003
MW-3	06/10/13	L641101-03	<0.001	<0.005	<0.001	<0.003

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

Well Number	Sample Date	Sample ID	SW 846-8260B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-3	09/11/13	L657122-02	<0.001	<0.005	<0.001	<0.003
MW-3	12/11/13	L673997-02	<0.001	<0.005	<0.001	<0.003
MW-3	03/05/14	L686932-02	<0.001	<0.005	<0.001	<0.003
MW-3	06/06/14	L703440-03	<0.001	<0.005	<0.001	<0.003
MW-3	09/18/14	L722808-02	<0.001	<0.005	<0.001	<0.003
MW-3	11/12/14	L733859-02	<0.001	<0.005	<0.001	<0.003
MW-3	02/24/15	L750324-02	<0.001	<0.005	<0.001	<0.003
MW-3	06/18/15	L772203-03	<0.001	<0.005	<0.001	<0.003
MW-3	08/22/15	L785989-02	<0.001	<0.005	<0.001	<0.003
MW-3	11/19/15	L802533-02	<0.001	<0.005	<0.001	<0.003
MW-3	03/08/16	L822604-02	<0.001	<0.005	<0.001	<0.003
MW-3	05/20/16	L837134-03	<0.001	<0.005	<0.001	<0.003
MW-3	09/21/16	L861614-02	<0.001	<0.005	<0.001	<0.003
MW-3	12/16/16	L879658-02	<0.001	<0.005	<0.001	<0.003
MW-3	03/02/17	L893619-02	<0.001	<0.001	<0.001	<0.003
MW-3	05/16/17	L910269-03	<0.001	<0.001	<0.001	<0.003
MW-3	09/13/17	L936705-02	<0.001	<0.001	<0.001	<0.003
MW-3	11/29/17	L954388-02	<0.001	<0.001	<0.001	<0.003
MW-3	03/08/18	L976570-03	<0.001	<0.001	<0.001	<0.003
MW-3	06/06/18	L1000531-03	<0.001	<0.001	<0.001	<0.003
MW-3	09/12/18	L1025965-03	<0.001	<0.001	<0.001	<0.003
MW-3	11/30/18	L1050022-02	<0.001	<0.001	<0.001	<0.003
MW-3	02/14/19	L1071077-02	<0.001	<0.001	<0.001	<0.003
MW-3	05/10/19	L1098634-03	<0.001	0.00303	<0.001	<0.003
MW-3	08/28/19	L1134078-03	<0.001	<0.001	<0.001	<0.003
MW-3	11/20/19	L1163668-03	<0.001	<0.001	<0.001	<0.003
MW-3	03/19/20	L1201827-03	<0.001	<0.001	<0.001	<0.003
MW-3	06/26/20	L1234397-03	<0.001	<0.001	<0.001	<0.003
MW-3	09/18/20	L1264237-02	<0.001	<0.001	<0.001	<0.003
MW-3	12/21/20	L1300778-02	<0.001	<0.001	<0.001	<0.003

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

Well Number	Sample Date	Sample ID	SW 846-8260B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-3	03/24/21	L1331413-03	<0.001	<0.001	<0.001	<0.003
MW-3	06/29/21	L1374009-03	<0.001	<0.001	<0.001	<0.003
MW-3	08/27/21	L1396395-03	<0.001	<0.001	<0.001	<0.003
MW-3	12/02/21	L1438373-02	<0.001	<0.001	<0.001	<0.003
MW-4	03/28/06	T13038-3	0.2 ^a	0.0535	0.0384	0.115
MW-4	06/15/06	T13864-3	0.41 ^a	0.0926	0.144 ^a	0.403 ^a
MW-4	09/12/06	T14673-3	0.617 ^a	0.025	0.232 ^a	0.208
MW-4	12/06/06	T15625-3	1.25 ^a	0.196	0.581 ^a	0.818
MW-4	03/01/07	T16518-3	1.06	0.186	0.294	0.195
MW-4	06/01/07	T17666-3	1.25	0.0195 J	0.349	0.192
MW-4	09/07/07	T18804-3	1.51	0.0554	0.317	0.295
MW-4	11/13/07	T19746-3	1.38 ^a	0.0251	0.256	0.22
MW-4	02/27/08	T21042-3	1.77	0.0882	0.532	0.792
MW-4	05/22/08	T22302-4	1.09	0.0215	0.291	0.254
MW-4	08/20/08	T23537-3	0.662 ^a	0.0161	0.207 ^a	0.249
MW-4	11/19/08	180053	0.567	0.0398	0.205	0.326
MW-4	02/17/09	187740	0.654	0.0451	0.196	0.507
MW-4	05/19/09	9052214	0.338	0.0259	0.174	0.319
MW-4	08/26/09	208337	0.301	0.0405	0.180	0.407
MW-4	11/17/09	215431	0.112	0.0350	0.115	0.246
MW-4	02/09/10	222050	0.16	0.0663	0.159	0.398
MW-4	05/12/10	1005476-04	0.11	0.0450	0.14	0.4
MW-4	08/26/10	1008908-03	0.038	0.0340	0.094	0.26
MW-4	11/18/10	1011751-03	0.014	0.0023	0.12	0.26
MW-4	02/24/11	1102759-03	0.020	0.030	0.096	0.26
MW-4	05/31/11	1106003-04	0.024	0.022	0.079	0.28
MW-4	08/29/11	1108973-03	0.014	0.0035 P	0.11	0.28
MW-4	11/28/11	1111900-03	0.0091	<0.0010	0.10	0.18
MW-4	02/12/12	1202868-03	0.011	<0.0010	0.11	0.21

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
PLAINS MARKETING, L.P.
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RS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	SW 846-8260B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-4	05/23/12	12051129-03	0.011	0.001	0.15	0.38
MW-4	09/11/12	1209470-03	0.0075	<0.0010	0.14	0.23
MW-4	11/26/12	1211905-03	0.004	<0.0010	0.11	0.15
MW-4	02/27/13	L622427-03	0.0012	<0.005	0.052	0.069
MW-4	06/10/13	L641101-04	0.00042 J	<0.005	0.0052	0.0064
MW-4	09/11/13	L657122-03	0.00075 J	<0.005	0.021	0.026
MW-4	12/11/13	L673997-03	<0.001	<0.005	0.0079	0.0052
MW-4	03/05/14	L686932-03	0.00051 J	<0.005	0.047	0.014
MW-4	06/06/14	L703440-04	<0.001	<0.005	<0.001	<0.003
MW-4	09/18/14	L722808-03	<0.001	<0.005	<0.001	<0.003
MW-4	11/12/14	L733859-03	<0.001	<0.005	<0.001	<0.003
MW-4	02/24/15	L750324-03	<0.001	<0.005	0.0026	0.0016 J
MW-4	06/18/15	L772291-04	<0.001	<0.005	0.0028	0.0019 J
MW-4	08/22/15	L785989-03	0.000581 J	<0.005	0.00459	0.00457
MW-4	11/19/15	L802533-03	<0.001	<0.005	0.000586 J	0.00116 J
MW-4	03/08/16	L822604-03	<0.001	<0.005	0.0054 J	0.00295 J
MW-4	05/20/16	L837134-04	<0.001	<0.005	0.00246	<0.003
MW-4	09/21/16	L861614-03	<0.001	<0.005	0.00391	0.00148 J
MW-4	12/16/16	L879658-03	<0.001	<0.005	0.000835 J	<0.003
MW-4	03/02/17	L893619-03	<0.001	<0.001	<0.001	<0.003
MW-4	05/16/17	L910269-04	<0.001	<0.001	0.00447	<0.003
MW-4	09/13/17	L936705-03	<0.001	<0.001	0.00113	<0.003
MW-4	11/29/17	L954388-03	0.00129	<0.001	<0.001	<0.003
MW-4	03/08/18	L976570-04	0.0015	<0.001	<0.001	<0.003
MW-4	06/07/18	L1000531-04	0.0106	<0.001	<0.001	<0.003
MW-4	09/12/18	L1025965-04	<0.001	<0.001	<0.001	<0.003
MW-4	11/30/18	L1050022-03	0.0148	<0.001	<0.001	<0.003
MW-4	02/14/19	L1071077-03	<0.001	<0.001	<0.001	<0.003
MW-4	05/10/19	L1098634-04	<0.001	<0.001	<0.001	<0.003
MW-4	08/28/19	L1134078-04	0.0139	<0.001	<0.001	<0.003

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PLAINS MARKETING, L.P.
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RS #2000-108007
LEA COUNTY, NEW MEXICO

Well Number	Sample Date	Sample ID	SW 846-8260B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOC Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-4	11/20/19	L1163668-04	0.00958	<0.001	<0.001	<0.003
MW-4	03/19/20	L1201827-04	0.00639	<0.001	<0.001	<0.003
MW-4	06/26/20	L1234397-04	0.00231	0.00153	0.00501	0.00949
MW-4	09/18/20	L1264237-03	<0.001	<0.001	<0.001	<0.003
MW-4	12/21/20	L1300778-03	<0.001	<0.001	<0.001	<0.003
MW-4	03/24/21	L1331413-04	<0.001	<0.001	<0.001	<0.003
MW-4	06/30/21	L1374009-04	<0.001	<0.001	<0.001	<0.003
MW-4	08/27/21	L1396395-04	<0.001	<0.001	<0.001	<0.003
MW-4	12/02/21	L1438373-03	<0.001	<0.001	<0.001	<0.003
MW-5	03/28/06	T13038-4	<0.00038	<0.00036	<0.00035	<0.00072
MW-5	06/15/06	T13864-4	<0.00038	<0.00036	<0.00035	<0.00072
MW-5	09/12/06	T14673-4	<0.00035	<0.00020	<0.00033	<0.00036
MW-5	12/06/06	T15625-4	<0.00035	<0.00020	<0.00033	<0.00036
MW-5	03/01/07	T16518-4	<0.00035	<0.00020	<0.00033	<0.00036
MW-5	06/01/07	T17666-4	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	09/07/07	T18804-4	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	11/13/07	T19746-4	<0.0005	<0.0005	<0.0005	<0.001
MW-5	02/27/08	T21042-4	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	05/22/08	T22302-5	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	08/20/08	T23537-4	<0.0005	<0.0005	<0.0005	<0.001
MW-5	11/19/08	180054	<0.00100	<0.00100	<0.00100	<0.00100
MW-5	02/17/09	187741	<0.00100	<0.00100	<0.00100	<0.00100
MW-5	05/19/09	9052214	<0.000149	<0.000188	<0.000178	<0.000163
MW-5	08/26/09	208338	<0.000133	<0.000281	<0.000535	<0.000960
MW-5	11/17/09	215432	<0.000133	<0.000281	<0.000535	<0.000960
MW-5	02/09/10	222051	<0.000208	<0.000208	<0.000303	<0.000326
MW-5	05/12/10	1005476-05	0.00058 J	<0.00020	0.00042 J	0.001 J
MW-5	08/26/10	1008908-04	<0.00020	<0.00020	<0.00020	<0.00070
MW-5	11/18/10	1011751-04	<0.00020	<0.00020	<0.00020	<0.00070

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

Well Number	Sample Date	Sample ID	SW 846-8260B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-5	02/24/11	1102759-04	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	05/31/11	1106003-05	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	08/29/11	1108973-04	<0.0010	<0.0010	<0.0010	<0.0030 P
MW-5	11/28/11	1111900-04	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	02/22/12	1202868-04	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	05/23/12	12051129-05	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	09/11/12	1209470-04	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	11/26/12	1211905-04	<0.0010	<0.0010	<0.0010	<0.0030
MW-5	02/27/13	L622427-04	<0.001	<0.005	0.0006	<0.003
MW-5	06/10/13	L641101-05	<0.001	<0.005	<0.001	<0.003
MW-5	09/11/13	L657122-04	<0.001	<0.005	<0.001	<0.003
MW-5	12/11/13	L673997-04	<0.001	<0.005	<0.001	<0.003
MW-5	03/05/14	L686932-04	<0.001	<0.005	<0.001	<0.003
MW-5	06/06/14	L703440-05	<0.001	<0.005	<0.001	<0.003
MW-5	09/18/14	L722808-04	<0.001	<0.005	<0.001	<0.003
MW-5	11/12/14	L733859-04	<0.001	<0.005	<0.001	<0.003
MW-5	02/24/15	L750324-04	<0.001	<0.005	<0.001	<0.003
MW-5	06/18/15	L772291-05	<0.001	<0.005	<0.001	<0.003
MW-5	08/22/15	L785989-04	<0.001	<0.005	<0.001	<0.003
MW-5	11/19/15	L802533-04	<0.001	<0.005	<0.001	<0.003
MW-5	03/08/16	L822604-04	<0.001	<0.005	<0.001	<0.003
MW-5	05/20/16	L837134-05	<0.001	<0.005	<0.001	<0.003
MW-5	09/21/16	L861614-04	<0.001	<0.005	<0.001	<0.003
MW-5	12/16/16	L879658-04	<0.001	<0.005	<0.001	<0.003
MW-5	03/02/17	L893619-04	<0.001	<0.001	<0.001	<0.003
MW-5	05/16/17	L910269-06	<0.001	<0.001	<0.001	<0.003
MW-5	09/13/17	L936705-05	<0.001	<0.001	<0.001	<0.003
MW-5	11/29/17	L954388-04	<0.001	<0.001	<0.001	<0.003
MW-5	03/08/18	L976570-05	<0.001	0.001	<0.001	<0.003
MW-5	06/07/18	L1000531-05	<0.001	<0.001	<0.001	<0.003

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

Well Number	Sample Date	Sample ID	SW 846-8260B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-5	09/12/18	L1025965-05	<0.001	<0.001	<0.001	<0.003
MW-5	11/30/18	L1050022-04	<0.001	<0.001	0.00349	<0.003
MW-5	02/14/19	L1071077-04	<0.001	<0.001	<0.001	<0.003
MW-5	05/10/19	L1098634-05	<0.001	<0.001	<0.001	<0.003
MW-5	08/28/19	L1134078-05	<0.001	<0.001	<0.001	<0.003
MW-5	11/20/19	L1163668-05	<0.001	<0.001	<0.001	<0.003
MW-5	03/19/20	L1201827-05	<0.001	<0.001	<0.001	<0.003
MW-5	06/26/20	L1234397-05	<0.001	<0.001	<0.001	<0.003
MW-5	09/18/20	L1264237-04	<0.001	<0.001	<0.001	<0.003
MW-5	12/21/20	L1300778-04	<0.001	<0.001	<0.001	<0.003
MW-5	03/24/21	L1331413-05	<0.001	<0.001	<0.001	<0.003
MW-5	06/30/21	L1374009-05	<0.001	<0.001	<0.001	<0.003
MW-5	08/27/21	L1396395-05	<0.001	<0.001	<0.001	<0.003
MW-5	12/02/21	L1438373-04	<0.001	<0.001	<0.001	<0.003
MW-6	06/15/06	T13864-5	<0.00038	<0.00036	<0.00035	<0.00072
MW-6	09/12/06	T14673-5	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	12/06/06	T15625-5	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	03/01/07	T16518-5	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	06/01/07	T17666-5	<0.00021	<0.00023	<0.00035	0.0014 J
MW-6	09/07/07	T18804-5	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	11/13/07	T19746-5	<0.0005	<0.0005	<0.0005	<0.001
MW-6	02/27/08	T21042-5	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	05/22/08	T22302-6	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	08/20/08	T23537-5	0.0065	<0.0005	0.0037	<0.001
MW-6	11/19/08	180055	<0.00100	<0.00100	<0.00100	<0.00100
MW-6	02/17/09	187742	<0.00100	<0.00100	<0.00100	<0.00100
MW-6	05/19/09	9052214	<0.000149	<0.000188	<0.000178	<0.000163
MW-6	08/26/09	208339	<0.000133	<0.000281	<0.000535	<0.000960
MW-6	11/17/09	215433	<0.000133	<0.000281	<0.000535	<0.000960

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

Well Number	Sample Date	Sample ID	SW 846-8260B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-6	02/09/10	222052	<0.000208	<0.000208	0.0006 J	0.0007 J
MW-6	05/12/10	1005476-06	<0.00020	<0.00020	<0.00020	<0.00070
MW-6	08/26/10	1008908-05	<0.00020	<0.00020	<0.00020	<0.00070
MW-6	11/18/10	1011751-05	<0.00020	<0.00020	<0.00020	<0.00070
MW-6	02/24/11	1102759-05	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	05/31/11	1106003-06	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	08/29/11	1108973-05	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	11/28/11	1111900-05	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	02/22/12	1202868-05	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	05/22/12	12051129-06	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	09/11/12	1209470-05	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	11/26/12	1211905-05	<0.0010	<0.0010	<0.0010	<0.0030
MW-6	02/27/13	L622427-05	<0.001	<0.005	<0.001	<0.003
MW-6	06/10/13	L641101-06	<0.001	<0.005	<0.001	<0.003
MW-6	09/11/13	L657122-05	<0.001	<0.005	<0.001	<0.003
MW-6	12/11/13	L673997-05	<0.001	<0.005	<0.001	<0.003
MW-6	03/05/14	L686932-05	<0.001	<0.005	<0.001	<0.003
MW-6	06/06/14	L703440-06	<0.001	<0.005	<0.001	<0.003
MW-6	09/18/14	L722808-05	<0.001	<0.005	<0.001	<0.003
MW-6	11/12/14	L733859-05	<0.001	<0.005	<0.001	<0.003
MW-6	02/24/15	L750324-05	<0.001	<0.005	<0.001	<0.003
MW-6	06/18/15	L772291-06	<0.001	<0.005	<0.001	<0.003
MW-6	08/22/15	L785989-05	<0.001	<0.005	<0.001	<0.003
MW-6	11/19/15	L802533-05	<0.001	<0.005	<0.001	<0.003
MW-6	03/08/16	L822604-05	<0.001	<0.005	<0.001	<0.003
MW-6	05/20/16	L837134-06	<0.001	<0.005	<0.001	<0.003
MW-6	09/21/16	L861614-05	<0.001	<0.005	<0.001	<0.003
MW-6	12/16/16	L879658-05	<0.001	<0.005	<0.001	<0.003
MW-6	03/02/17	L893619-05	<0.001	<0.001	<0.001	<0.003
MW-6	05/16/17	L910269-06	<0.001	<0.001	<0.001	<0.003

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

Well Number	Sample Date	Sample ID	SW 846-8260B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-6	09/13/17	L936705-05	<0.001	<0.001	<0.001	<0.003
MW-6	11/29/17	L954388-05	<0.001	<0.001	<0.001	<0.003
MW-6	03/08/18	L976570-06	<0.001	<0.001	<0.001	<0.003
MW-6	06/06/18	L1000531-06	<0.001	<0.001	<0.001	<0.003
MW-6	09/12/18	L1025965-06	<0.001	<0.001	<0.001	<0.003
MW-6	11/30/18	L1050022-05	<0.001	<0.001	<0.001	<0.003
MW-6	02/14/19	L1071077-05	<0.001	<0.001	<0.001	<0.003
MW-6	05/10/19	L1098634-06	<0.001	0.00425	<0.001	<0.003
MW-6	08/28/19	L1134078-06	<0.001	<0.001	<0.001	<0.003
MW-6	11/20/19	L1163668-06	<0.001	<0.001	<0.001	<0.003
MW-6	03/19/20	L1201827-06	<0.001	<0.001	<0.001	<0.003
MW-6	06/26/20	L1234397-06	<0.001	<0.001	<0.001	<0.003
MW-6	09/18/20	L1264237-05	<0.001	<0.001	<0.001	<0.003
MW-6	12/21/20	L1300778-05	<0.001	<0.001	<0.001	<0.003
MW-6	03/24/21	L1331413-06	<0.001	<0.001	<0.001	<0.003
MW-6	06/29/21	L1374009-06	<0.001	<0.001	<0.001	<0.003
MW-6	08/27/21	L1396395-06	<0.001	<0.001	<0.001	<0.003
MW-6	12/02/21	L1438373-05	<0.001	<0.001	<0.001	<0.003
MW-7	06/15/06	T13864-6	<0.00038	<0.00036	<0.00035	<0.00072
MW-7	09/12/06	T14673-6	0.0163	<0.00020	<0.00033	0.0036
MW-7	12/06/06	T15625-6	0.011	<0.00020	<0.00033	0.004
MW-7	03/01/07	T16518-6	<0.00035	<0.00020	<0.00033	0.0053
MW-7	06/01/07	T17666-6	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	09/07/07	T18804-6	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	11/13/07	T19746-6	<0.0005	<0.0005	<0.0005	<0.001
MW-7	02/27/08	T21042-6	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	05/22/08	T22302-7	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	08/20/08	T23537-6	0.00086 J	<0.0005	0.00054 J	<0.001
MW-7*	11/19/08	180056	NS	NS	NS	NS

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

Well Number	Sample Date	Sample ID	SW 846-8260B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-7	02/17/09	187743	<0.00100	<0.00100	<0.00100	<0.00100
MW-7	05/19/09	9052214	<0.000149	<0.000188	<0.000178	<0.000163
MW-7	08/26/09	208340	<0.000133	<0.000281	<0.000535	<0.000960
MW-7	11/17/09	215434	<0.000133	<0.000281	<0.000535	<0.000960
MW-7	02/09/10	222053	<0.000208	<0.000208	0.0012	0.0014
MW-7	05/12/10	1005476-07	0.0017	<0.00020	0.00079 J	0.0019 J
MW-7	08/26/10	1008908-06	<0.00020	<0.00020	<0.00020	<0.00070
MW-7	11/18/10	1011751-06	<0.00020	<0.00020	<0.00020	<0.00070
MW-7	02/24/11	1102759-06	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	05/31/11	1106003-07	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	08/29/11	1108973-06	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	11/28/11	1111900-06	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	02/22/12	1202868-06	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	05/23/12	12051129-07	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	09/11/12	1209470-06	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	11/26/12	1211905-06	<0.0010	<0.0010	<0.0010	<0.0030
MW-7	02/27/13	L622427-06	<0.001	<0.005	<0.001	<0.003
MW-7	06/10/13	L641101-07	<0.001	<0.005	<0.001	<0.003
MW-7	09/11/13	L657122-06	<0.001	<0.005	<0.001	<0.003
MW-7	12/11/13	L673997-06	<0.001	<0.005	<0.001	<0.003
MW-7	03/05/14	L686932-06	<0.001	<0.005	<0.001	<0.003
MW-7	06/06/14	L703440-07	<0.001	<0.005	<0.001	<0.003
MW-7	09/18/14	L722808-06	<0.001	<0.005	<0.001	<0.003
MW-7	11/12/14	L733859-06	<0.001	<0.005	<0.001	<0.003
MW-7	02/24/15	L750324-06	<0.001	<0.005	<0.001	<0.003
MW-7	06/18/15	L772291-07	<0.001	<0.005	<0.001	<0.003
MW-7	08/22/15	L785989-06	<0.001	<0.005	<0.001	<0.003
MW-7	11/19/15	L802533-06	<0.001	<0.005	<0.001	<0.003
MW-7	03/08/16	L822604-06	<0.001	<0.005	<0.001	<0.003
MW-7	05/20/16	L837134-07	<0.001	<0.005	<0.001	<0.003

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

Well Number	Sample Date	Sample ID	SW 846-8260B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-7	09/21/16	L861614-06	<0.001	<0.005	<0.001	<0.003
MW-7	12/16/16	L879658-06	<0.001	<0.005	<0.001	<0.003
MW-7	03/02/17	L893619-06	<0.001	<0.001	<0.001	<0.003
MW-7	05/16/17	L910269-07	<0.001	<0.001	<0.001	<0.003
MW-7	09/13/17	L936705-06	<0.001	<0.001	<0.001	<0.003
MW-7	11/29/17	L954388-06	<0.001	<0.001	<0.001	<0.003
MW-7	03/08/18	L976570-07	<0.001	<0.001	<0.001	<0.003
MW-7	06/06/18	L1000531-07	<0.001	<0.001	<0.001	<0.003
MW-7	09/12/18	L1025965-07	<0.001	<0.001	<0.001	<0.003
MW-7	11/30/18	L1050022-06	<0.001	<0.001	<0.001	<0.003
MW-7	02/14/19	L1071077-06	<0.001	<0.001	<0.001	<0.003
MW-7	05/10/19	L1098634-07	<0.001	0.00389	<0.001	<0.003
MW-7	08/28/19	L1134078-07	<0.001	<0.001	<0.001	<0.003
MW-7	11/20/19	L1163668-07	<0.001	<0.001	<0.001	<0.003
MW-7	03/19/20	L1201827-07	<0.001	<0.001	<0.001	<0.003
MW-7	06/26/20	L1234397-07	<0.001	<0.001	<0.001	<0.003
MW-7	09/18/20	L1264237-06	<0.001	<0.001	<0.001	<0.003
MW-7	12/21/20	L1300778-06	<0.001	<0.001	<0.001	<0.003
MW-7	03/24/21	L1331413-07	<0.001	<0.001	<0.001	<0.003
MW-7	06/29/21	L1374009-07	<0.001	<0.001	<0.001	<0.003
MW-7	08/27/21	L1396395-07	<0.001	<0.001	<0.001	<0.003
MW-7	12/02/21	L1438373-06	<0.001	<0.001	<0.001	<0.003
RW-1	09/18/14	L722808-07	0.0042	0.034	0.016	0.056
RW-1	06/18/15	L772291-08	0.015	0.0069	0.02	0.041
RW-1	05/20/16	L837134-08	0.000863 J	<0.005	0.000837 J	<0.003
RW-1	05/16/17	L910269-08	0.0103	0.00285	0.00954	0.0107
RW-1	03/08/18	L976570-08	0.00696	0.00152	0.0133	0.0165
RW-1	06/07/18	L1000531-08	0.0435	0.00587	0.0721	0.117
RW-1	09/12/18	L1025965-08	<0.001	<0.001	<0.001	<0.003

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

Well Number	Sample Date	Sample ID	SW 846-8260B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOC Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
RW-1	11/30/18	L1050022-07	0.067	<0.001	0.0396	0.0691
RW-1	02/14/19	L1071077-07	0.0728	0.00138	0.0287	0.0317
RW-1	05/10/19	L1098634-08	0.0354	0.00172	0.0200	0.0259
RW-1	08/28/19	L1134078-08	0.0734	<0.001	0.0249	0.0451
RW-1	11/20/19	L1163668-08	0.00465	<0.001	0.00205	<0.003
RW-1	03/19/20	L1201827-08	0.0351	<0.001	0.00728	0.0112
RW-1	06/26/20	L1234397-08	0.00120	<0.001	0.00191	0.00338
RW-1	09/18/20	L1264237-07	<0.001	<0.001	<0.001	<0.003
RW-1	12/21/20	L1300778-07	0.0232	<0.001	0.00146	0.00843
RW-1	03/24/21	L1331413-08	0.0147	0.00619	0.00152	0.018
RW-1	06/30/21	L1374009-08	0.00756	0.00483	0.00240	0.00921
RW-1	08/27/21	L1396395-08	<0.001	<0.001	<0.001	<0.003
RW-1	12/02/21	L1438373-07	0.00290	<0.001	<0.001	0.00561
RW-2	09/18/14	L722808-08	0.01	0.14	0.13	0.41
RW-2	06/18/15	L772291-09	0.0011 J4	0.0015 J	0.0054	0.021
RW-2	05/20/16	L837134-09	<0.001	<0.005	<0.001	<0.003
RW-2	05/16/17	L910269-09	0.0316	0.00128	0.0357	0.0776
RW-2	03/08/18	L976570-09	<0.001	<0.001	0.00391	0.00577
RW-2	06/07/18	L1000531-07	0.00213	<0.001	0.0296	0.0459
RW-2	09/12/18	L1025965-09	<0.001	<0.001	<0.001	<0.003
RW-2	11/30/18	L1050022-08	0.0108	<0.001	0.0145	0.136
RW-2	02/14/19	NS	NS	NS	NS	NS
RW-2	05/10/19	L1098634-09	0.00364	0.00165	0.00444	0.00942
RW-2	08/28/19	L1134078-09	0.00316	<0.001	<0.001	0.0666
RW-2	11/20/19	L1163668-09	0.00205	<0.001	<0.001	0.00602
RW-2	03/19/20	L1201827-09	0.00311	<0.001	0.00374	0.0171
RW-2	06/26/20	L1234397-09	<0.001	<0.001	<0.001	<0.003
RW-2	09/18/20	L1264237-08	<0.001	<0.001	<0.001	<0.003
RW-2	12/21/20	L1300778-08	<0.001	<0.001	<0.001	0.00471
RW-2	03/24/21	L1331413-09	<0.001	<0.001	0.00117	0.0084

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

Well Number	Sample Date	Sample ID	SW 846-8260B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
RW-2	06/30/21	L1374009-09	<0.001	<0.001	<0.001	<0.003
RW-2	08/27/21	L1396395-09	0.0234	0.00272	0.00171	0.0131
RW-2	12/02/21	L1438373-08	<0.001	<0.001	<0.001	<0.003

NMOCD: New Mexico Oil Conservation District

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

NA: Not analyzed

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

^a Result is from Run #2

P: Dual Column results percent difference > 40%

* MW-7 was not sampled in 4th Quarter 2008, due to root growth in the well

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

Well	Date	Acenaphthene	Acenaphthylene	Anthracene	Chrysene	Dibenzofuran	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Other Regulatory Limits (Tap Water)*		0.365	NA	1.83	0.0291		1.46	1.46	***	1.1	0.183
MW-1	5/22/2008	<0.0015	<0.0016	<0.0018	<0.0014	NA	<0.0016	<0.0016	0.0107	<0.0016	<0.0011
MW-1	5/19/2009	<0.0013	<0.070	<0.0808	<0.0.02	NA	<0.0880	<0.0880	0.00667	0.00153	<0.0458
MW-1	5/12/2010	0.0037	<0.070	<0.070	<0.070	NA	<0.070	<0.070	0.047	0.0067	<0.070
MW-1	12/7/2011	0.0051	0.0007	0.00035	0.0012	NA	<0.002	<0.002	0.028	0.01	<0.002
MW-1	5/22/2012	0.0063	0.00995	0.0062	0.0101	NA	0.00254	0.0309	0.468	0.144	0.00198
MW-1	6/10/2013	0.00068	0.00026	0.00035	0.00011	0.0016	0.00014	0.0011	0.018	0.0022	0.00028
MW-1	6/6/2014	0.00057	0.00024	0.00027	0.00012	0.0014	<0.00005	0.0011	0.021	0.0022	0.00022
MW-1	6/18/2015	0.00026	0.000098	0.00015	0.000055	0.00049	0.000034	0.00043	0.0018	0.001	0.00011
MW-1	5/20/2016	0.0000140 J	<0.00005	0.0000163 J	<0.00005	0.0000228 J	<0.00005	0.0000288 J	0.0000938 BJ	0.0000234 J	0.0000145
MW-1	5/16/2017	0.0002	0.0000798	0.0000418 J	<0.00005	0.000841	<0.00005	0.000578	0.0132	0.000619	<0.00005
MW-1	6/6/2018	0.00012	<0.0001	<0.0001	<0.0001	0.00046	<0.0001	0.000279	0.0145	0.000292	<0.0001
MW-1	5/10/2019	0.0000894	<0.00005	<0.00005	<0.00005	0.00341	<0.00005	0.000186	0.0069	0.000197	<0.00005
MW-1	6/26/2020	0.000130	<0.00005	<0.00005	<0.00005	0.000503	<0.000100	0.000298	0.00931	0.000303	<0.0000500
MW-1	6/29/2021	0.000170	<0.0001	<0.0001	<0.0001	0.000529	<0.0002	0.000373	0.00895	0.000450	<0.0001
MW-2	5/20/2016	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.0000689 BJ	<0.00005	<0.00005
MW-2	5/16/2017	<0.00005	<0.00005	<0.00005	<0.00005	0.00000375 BJ	<0.00005	<0.00005	0.0000436 BJ	<0.00005	<0.00005
MW-3	5/20/2016	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.0000865 BJ	0.00000908 J	<0.00005
MW-3	5/16/2017	<0.00005	<0.00005	<0.00005	<0.00005	0.00000485 BJ	<0.00005	<0.00005	0.0000508 BJ	<0.00005	<0.00005
MW-4	12/7/2011	<0.002	<0.002	<0.002	<0.002	NA	<0.002	<0.002	0.0036	0.00022	<0.002
MW-4	5/23/2012	0.000169	<0.00009	<0.00009	<0.00009	NA	<0.00009	0.00058	0.0458	0.000716	<0.00009
MW-4	6/10/2013	0.000035	<0.0000068	<0.0000076	<0.000011	0.00018	<0.000016	0.00077	0.0011	0.000076	0.000028 J
MW-4	6/6/2014	0.000032	0.000013	<0.00005	<0.00005	0.00018	<0.00005	0.000084	0.00021	0.000038	<0.000050
MW-4	6/18/2015	0.000019 J	<0.00005	<0.00005	<0.00005	0.00025	<0.00005	0.0000087	0.0006	0.000032 J	<0.00005
MW-4	5/20/2016	0.0000145 J	<0.00005	<0.00005	<0.00005	0.000449	<0.00005	0.000128	0.000404 B	0.0000465 J	<0.00005
MW-4	5/16/2017	<0.00005	<0.00005	<0.00005	<0.00005	0.000456	<0.00005	0.000124	0.000160 BJ	0.0000664	<0.00005
MW-4	5/10/2019	<0.00005	<0.00005	<0.00005	<0.00005	0.000285	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW-4	8/27/2021	<0.00005	<0.00005	<0.00005	<0.00005	0.000334	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
MW-5	5/20/2016	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.0000825 BJ	<0.00005	<0.00005
MW-5	5/16/2017	<0.00005	<0.00005	<0.00005	<0.00005	0.00000416 BJ	<0.00005	<0.00005	0.0000558 BJ	<0.00005	<0.00005
MW-6	5/20/2016	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.000011 BJ	<0.00005	<0.00005
MW-6	5/16/2017	<0.00005	<0.00005	<0.00005	<0.00005	0.00000326 BJ	<0.00005	<0.00005	0.0000604 BJ	<0.00005	<0.00005
MW-7	5/20/2016	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.0000126 BJ	<0.00005	<0.00005
MW-7	5/16/2017	<0.00005	<0.00005	<0.00005	<0.00005	0.00000614 BJ	<0.00005	<0.00005	0.0000516 BJ	<0.00005	<0.00005
RW-1	9/18/2014	0.000062	<0.00005	0.000034	<0.00005	0.00027	<0.00005	0.0002	0.0038	0.00034	<0.000050

Table 6
2021
2021 PSH and Dissolved Phase Groundwater Recovery
Plains Marketing, L.P.
DS Hugh Site
Lea County, New Mexico

Month	PSH Recovered (gallons)	Total Fluids Recovered (gallons)
MW-1	0.50	164.50
RW-1	0.00	80.00
RW-2	0.00	160.00
Total Fluids Recovered in 2021	0.5	404.5

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

Table 7
MNA Parameters
DS Hugh Site
SRS No. 2000-108007
Plains Marketing, L.P.
Lea County, New Mexico

Sample Point	Date	HACH Field Measurements			YSI Multimeter Sonde Field Measurements						Comments
		Ferrous Iron (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	ORP (mV)	pH	DO %	DO (mg/L)	Conductivity (ms/cm)	Specific Conductivity (ms/cm _c)	
MW-1	6/6/2018	0.21	8.80	>80	159.50	6.79	NA	0.51	2.660	2.530	
MW-1	5/10/2019	0.08	13.80	>80	-204.80	6.62	NA	0.37	2.010	2.380	
MW-1	6/26/2020	0.18	3.90	>80	-74.70	6.45	1.20	0.10	2.183	2.282	
MW-1	6/29/2021	0.45	8.70	>80	34.50	6.58	3.40	0.28	2.370	2.470	
MW-3	6/6/2014	0.01	NA	>80	73.80	6.76	NA	6.11	0.983	1.120	
MW-3	6/18/2015	0.04	4.10	>80	194.20	6.71	NA	6.71	2.273	2.432	
MW-3	5/20/2016	0.00	8.60	>80	3.30	7.13	NA	5.15	2.332	2.573	
MW-3	5/16/2017	0.00	1.90	>80	189.50	7.32	NA	1.41	2.738	2.797	
MW-3	6/6/2018	0.01	2.10	>80	233.50	7.17	NA	3.13	2.790	2.710	
MW-3	5/10/2019	0.00	0.00	>80	105.30	6.95	NA	5.70	2.030	2.540	
MW-3	6/26/2020	0.10	4.20	>80	134.30	6.84	13.60	1.19	2.314	2.458	
MW-3	6/29/2021	0.00	5.20	>80	359.30	6.95	51.80	4.62	2.520	2.740	
MW-6	6/5/2014	0.00	0.00	>80	82.50	6.99	NA	6.76	1.165	1.326	
MW-6	5/16/2017	0.00	1.10	>80	236.10	6.25	NA	1.03	2.502	2.571	
MW-6	6/6/2018	0.02	2.90	>80	259.90	6.53	NA	3.61	2.580	2.500	
MW-6	5/10/2019	0.00	9.80	>80	106.50	6.99	NA	6.10	1.900	2.280	
MW-6	6/26/2020	0.06	2.90	>80	132.50	6.91	14.10	1.23	1.937	2.076	
MW-6	6/29/2021	0.10	2.70	>80	366.00	6.99	55.20	4.92	2.130	2.310	
MW-7	6/6/2014	0.00	49.80	>80	82.20	6.69	NA	3.10	1.187	1.318	
MW-7	6/18/2015	0.02	2.40	>80	20.40	4.80	NA	5.19	2.275	2.326	
MW-7	5/20/2016	0.02	18.30	>80	1.70	7.31	NA	2.95	2.175	2.416	
MW-7	5/16/2017	0.00	2.30	>80	234.40	6.28	NA	0.61	2.644	2.629	
MW-7	6/6/2018	0.02	1.50	>80	236.20	6.90	NA	0.91	2.620	2.560	
MW-7	5/10/2019	0.00	4.00	>80	101.60	6.89	NA	2.60	2.000	2.390	
MW-7	6/29/2021	0.17	5.80	>80	358.60	6.89	38.40	3..8	2.310	2.470	

Appendix A

2021 Laboratory Analytical Data and Chain of Custody Documentation



ANALYTICAL REPORT

April 06, 2021

Plains All American Pipeline

Sample Delivery Group: L1331413
Samples Received: 03/26/2021
Project Number: PAA12003
Description: DS Hugh
Site: SRS - 2000-10807
Report To: Kathleen Buxton
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Entire Report Reviewed By:

A handwritten signature in blue ink, appearing to read "M. Beasley".

Mark W. Beasley
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	5
Sr: Sample Results	6
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MW 2 L1331413-02	7
MW 3 L1331413-03	8
MW 4 L1331413-04	9
MW 5 L1331413-05	10
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Qc: Quality Control Summary	16
Volatile Organic Compounds (GC/MS) by Method 8260B	16
Gl: Glossary of Terms	17
Al: Accreditations & Locations	18
Sc: Sample Chain of Custody	19

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

MW 1 L1331413-01 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1642741	1	03/30/21 15:05	03/30/21 15:05	BMB	Mt. Juliet, TN

Collected by
Chris Sanchez

Collected date/time
03/24/21 14:10

Received date/time
03/26/21 08:00

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

MW 2 L1331413-02 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1642741	1	03/30/21 15:25	03/30/21 15:25	BMB	Mt. Juliet, TN

Collected by
Chris Sanchez

Collected date/time
03/24/21 13:00

Received date/time
03/26/21 08:00

MW 3 L1331413-03 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1642741	1	03/30/21 15:45	03/30/21 15:45	BMB	Mt. Juliet, TN

Collected by
Chris Sanchez

Collected date/time
03/24/21 13:10

Received date/time
03/26/21 08:00

MW 4 L1331413-04 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1642741	1	03/30/21 16:05	03/30/21 16:05	BMB	Mt. Juliet, TN

Collected by
Chris Sanchez

Collected date/time
03/24/21 13:50

Received date/time
03/26/21 08:00

MW 5 L1331413-05 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1642741	1	03/30/21 16:25	03/30/21 16:25	BMB	Mt. Juliet, TN

Collected by
Chris Sanchez

Collected date/time
03/24/21 13:20

Received date/time
03/26/21 08:00

MW 6 L1331413-06 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1642741	1	03/30/21 16:45	03/30/21 16:45	BMB	Mt. Juliet, TN

Collected by
Chris Sanchez

Collected date/time
03/24/21 13:30

Received date/time
03/26/21 08:00

MW 7 L1331413-07 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1642741	1	03/30/21 17:05	03/30/21 17:05	BMB	Mt. Juliet, TN

Collected by
Chris Sanchez

Collected date/time
03/24/21 13:40

Received date/time
03/26/21 08:00

RW 1 L1331413-08 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1642741	1	03/30/21 17:25	03/30/21 17:25	BMB	Mt. Juliet, TN

Collected by
Chris Sanchez

Collected date/time
03/24/21 14:00

Received date/time
03/26/21 08:00

SAMPLE SUMMARY

RW 2 L1331413-09 GW

Collected by
Chris Sanchez

Collected date/time
03/24/21 14:20

Received date/time
03/26/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1642741	1	03/30/21 17:45	03/30/21 17:45	BMB	Mt. Juliet, TN

DUP-01 L1331413-10 GW

Collected by
Chris Sanchez

Collected date/time
03/24/21 14:20

Received date/time
03/26/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1642741	1	03/30/21 18:05	03/30/21 18:05	BMB	Mt. Juliet, TN

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Mark W. Beasley
Project Manager

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 03/24/21 14:10

L1331413

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00568		0.00100	1	03/30/2021 15:05	WG1642741
Toluene	ND		0.00100	1	03/30/2021 15:05	WG1642741
Ethylbenzene	0.0282		0.00100	1	03/30/2021 15:05	WG1642741
Total Xylenes	0.0389		0.00300	1	03/30/2021 15:05	WG1642741
(S) Toluene-d8	110		80.0-120		03/30/2021 15:05	WG1642741
(S) 4-Bromofluorobenzene	103		77.0-126		03/30/2021 15:05	WG1642741
(S) 1,2-Dichloroethane-d4	106		70.0-130		03/30/2021 15:05	WG1642741

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 03/24/21 13:00

L1331413

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/30/2021 15:25	WG1642741
Toluene	ND		0.00100	1	03/30/2021 15:25	WG1642741
Ethylbenzene	ND		0.00100	1	03/30/2021 15:25	WG1642741
Total Xylenes	ND		0.00300	1	03/30/2021 15:25	WG1642741
(S) Toluene-d8	110		80.0-120		03/30/2021 15:25	WG1642741
(S) 4-Bromofluorobenzene	99.2		77.0-126		03/30/2021 15:25	WG1642741
(S) 1,2-Dichloroethane-d4	106		70.0-130		03/30/2021 15:25	WG1642741

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 03/24/21 13:10

L1331413

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/30/2021 15:45	WG1642741
Toluene	ND		0.00100	1	03/30/2021 15:45	WG1642741
Ethylbenzene	ND		0.00100	1	03/30/2021 15:45	WG1642741
Total Xylenes	ND		0.00300	1	03/30/2021 15:45	WG1642741
(S) Toluene-d8	109		80.0-120		03/30/2021 15:45	WG1642741
(S) 4-Bromofluorobenzene	97.4		77.0-126		03/30/2021 15:45	WG1642741
(S) 1,2-Dichloroethane-d4	105		70.0-130		03/30/2021 15:45	WG1642741

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 03/24/21 13:50

L1331413

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/30/2021 16:05	WG1642741
Toluene	ND		0.00100	1	03/30/2021 16:05	WG1642741
Ethylbenzene	ND		0.00100	1	03/30/2021 16:05	WG1642741
Total Xylenes	ND		0.00300	1	03/30/2021 16:05	WG1642741
(S) Toluene-d8	109		80.0-120		03/30/2021 16:05	WG1642741
(S) 4-Bromofluorobenzene	97.8		77.0-126		03/30/2021 16:05	WG1642741
(S) 1,2-Dichloroethane-d4	106		70.0-130		03/30/2021 16:05	WG1642741

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 03/24/21 13:20

L1331413

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/30/2021 16:25	WG1642741
Toluene	ND		0.00100	1	03/30/2021 16:25	WG1642741
Ethylbenzene	ND		0.00100	1	03/30/2021 16:25	WG1642741
Total Xylenes	ND		0.00300	1	03/30/2021 16:25	WG1642741
(S) Toluene-d8	109		80.0-120		03/30/2021 16:25	WG1642741
(S) 4-Bromofluorobenzene	98.3		77.0-126		03/30/2021 16:25	WG1642741
(S) 1,2-Dichloroethane-d4	107		70.0-130		03/30/2021 16:25	WG1642741

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 03/24/21 13:30

L1331413

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/30/2021 16:45	WG1642741
Toluene	ND		0.00100	1	03/30/2021 16:45	WG1642741
Ethylbenzene	ND		0.00100	1	03/30/2021 16:45	WG1642741
Total Xylenes	ND		0.00300	1	03/30/2021 16:45	WG1642741
(S) Toluene-d8	109		80.0-120		03/30/2021 16:45	WG1642741
(S) 4-Bromofluorobenzene	97.2		77.0-126		03/30/2021 16:45	WG1642741
(S) 1,2-Dichloroethane-d4	106		70.0-130		03/30/2021 16:45	WG1642741

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 03/24/21 13:40

L1331413

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/30/2021 17:05	WG1642741
Toluene	ND		0.00100	1	03/30/2021 17:05	WG1642741
Ethylbenzene	ND		0.00100	1	03/30/2021 17:05	WG1642741
Total Xylenes	ND		0.00300	1	03/30/2021 17:05	WG1642741
(S) Toluene-d8	105		80.0-120		03/30/2021 17:05	WG1642741
(S) 4-Bromofluorobenzene	97.0		77.0-126		03/30/2021 17:05	WG1642741
(S) 1,2-Dichloroethane-d4	106		70.0-130		03/30/2021 17:05	WG1642741

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 03/24/21 14:00

L1331413

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0147		0.00100	1	03/30/2021 17:25	WG1642741
Toluene	0.00619		0.00100	1	03/30/2021 17:25	WG1642741
Ethylbenzene	0.00152		0.00100	1	03/30/2021 17:25	WG1642741
Total Xylenes	0.0180		0.00300	1	03/30/2021 17:25	WG1642741
(S) Toluene-d8	107		80.0-120		03/30/2021 17:25	WG1642741
(S) 4-Bromofluorobenzene	98.8		77.0-126		03/30/2021 17:25	WG1642741
(S) 1,2-Dichloroethane-d4	103		70.0-130		03/30/2021 17:25	WG1642741

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 03/24/21 14:20

L1331413

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/30/2021 17:45	WG1642741
Toluene	ND		0.00100	1	03/30/2021 17:45	WG1642741
Ethylbenzene	0.00117		0.00100	1	03/30/2021 17:45	WG1642741
Total Xylenes	0.00840		0.00300	1	03/30/2021 17:45	WG1642741
(S) Toluene-d8	109		80.0-120		03/30/2021 17:45	WG1642741
(S) 4-Bromofluorobenzene	99.6		77.0-126		03/30/2021 17:45	WG1642741
(S) 1,2-Dichloroethane-d4	105		70.0-130		03/30/2021 17:45	WG1642741

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 03/24/21 14:20

L1331413

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/30/2021 18:05	WG1642741
Toluene	ND		0.00100	1	03/30/2021 18:05	WG1642741
Ethylbenzene	ND		0.00100	1	03/30/2021 18:05	WG1642741
Total Xylenes	ND		0.00300	1	03/30/2021 18:05	WG1642741
(S) Toluene-d8	107		80.0-120		03/30/2021 18:05	WG1642741
(S) 4-Bromofluorobenzene	92.0		77.0-126		03/30/2021 18:05	WG1642741
(S) 1,2-Dichloroethane-d4	104		70.0-130		03/30/2021 18:05	WG1642741

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3637875-2 03/30/21 11:35

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	107			80.0-120
(S) 4-Bromofluorobenzene	99.0			77.0-126
(S) 1,2-Dichloroethane-d4	107			70.0-130

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R3637875-1 03/30/21 10:54

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00439	87.8	70.0-123	
Ethylbenzene	0.00500	0.00472	94.4	79.0-123	
Toluene	0.00500	0.00498	99.6	79.0-120	
Xylenes, Total	0.0150	0.0138	92.0	79.0-123	
(S) Toluene-d8			107	80.0-120	
(S) 4-Bromofluorobenzene			96.3	77.0-126	
(S) 1,2-Dichloroethane-d4			107	70.0-130	

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

QualifierDescription

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

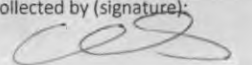
Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Plains All American Pipeline - Entech 21 Waterway Ave., Suite 300 The Woodlands, TX 77380				Billing Information:				Analysis / Container / Preservative										Chain of Custody Page <u> </u> of <u> </u>		
				Accounts Payable 333 Clay St., Ste 1600 Houston, TX 77002				Pres Chk V8260BTEX 40mlAmb-HCI										 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859		
Report to: Kathleen Buxton				Email To: kathleen.buxton@entechservice.com , cjbryant@paalp.com														 L# <u>1331413</u> G164		
Project Description: DS Hugh				City/State Collected: EUNICE NM																
Phone: 979-997-2338		Client Project # PAA12003		Lab Project # PLAINSENT-DSHUGH												Acctnum: PLAINSENT Template: T94127 Prelogin: P707774 TSR: 134 - Mark W. Beasley PB:				
Fax:		Site/Facility ID # SRS - 2000-10807		P.O. #																
Collected by (print): CHRIS SANCHEZ		Site/Facility ID # SRS - 2000-10807		P.O. #												Shipped Via:				
Collected by (signature): 		Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day		Quote #																
Immediately Packed on Ice N ☐ Y ☒				Date Results Needed		No. of Cntrs														
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time															
MW1		GW		03-24-21	1410	2		X											61	
MW2		GW			1300	1		1											02	
MW3		GW			1310														03	
MW4		GW			1350														04	
MW5		GW			1320														05	
MW6		GW			1330														06	
MW7		GW			1340														07	
RW1		GW			1400														08	
RW2		GW			1420														09	
DUP01		GW																	10	
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other				Remarks: Samples returned via: ☐ UPS ☐ FedEx ☐ Courier				Tracking #				pH _____ Temp _____ Flow _____ Other _____				Sample Receipt Checklist COC Seal Present/Intact: ☒ Y ☐ N COC Signed/Accurate: ☒ Y ☐ N Bottles arrive intact: ☒ Y ☐ N Correct bottles used: ☒ Y ☐ N Sufficient volume sent: ☒ Y ☐ N If Applicable VOA Zero Headspace: ☒ Y ☐ N Preservation Correct/Checked: ☒ Y ☐ N				
Relinquished by: (Signature)		Date: 3-25-21		Time: 14:00		Received by: (Signature)		Trip Blank Received: Yes/No HCL / MeOH TBR		Temp: 17.0 °C		Bottles Received: 20		If preservation required by Login: Date/Time						
Relinquished by: (Signature)		Date: 3-25-21		Time: 16:30		Received by: (Signature)		Date: 3/26/21		Time: 0800		Hold:		Condition: NCF / OK						



ANALYTICAL REPORT

July 13, 2021

Plains All American Pipeline

Sample Delivery Group: L1374009
Samples Received: 07/02/2021
Project Number: PAA12003
Description: DS Hugh
Site: SRS - 2000-10807
Report To: Kathleen Buxton
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Entire Report Reviewed By:

A handwritten signature in blue ink, reading "Olivia Studebaker".

Olivia Studebaker
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

SAMPLE SUMMARY

MW 1 L1374009-01 GW

				Collected by GF/CS	Collected date/time 06/29/21 15:50	Received date/time 07/02/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1701609	1	07/09/21 21:46	07/09/21 21:46	JCP	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1700393	2	07/06/21 04:30	07/06/21 15:08	LEA	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

MW 2 L1374009-02 GW

				Collected by GF/CS	Collected date/time 06/30/21 10:30	Received date/time 07/02/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1701609	1	07/09/21 22:06	07/09/21 22:06	JCP	Mt. Juliet, TN

MW 3 L1374009-03 GW

				Collected by GF/CS	Collected date/time 06/29/21 13:05	Received date/time 07/02/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1701609	1	07/09/21 22:27	07/09/21 22:27	JCP	Mt. Juliet, TN

MW 4 L1374009-04 GW

				Collected by GF/CS	Collected date/time 06/30/21 10:40	Received date/time 07/02/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1701609	1	07/09/21 22:47	07/09/21 22:47	JCP	Mt. Juliet, TN

MW 5 L1374009-05 GW

				Collected by GF/CS	Collected date/time 06/30/21 10:50	Received date/time 07/02/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1701609	1	07/09/21 23:07	07/09/21 23:07	JCP	Mt. Juliet, TN

MW 6 L1374009-06 GW

				Collected by GF/CS	Collected date/time 06/29/21 13:55	Received date/time 07/02/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1701609	1	07/09/21 23:28	07/09/21 23:28	JCP	Mt. Juliet, TN

MW 7 L1374009-07 GW

				Collected by GF/CS	Collected date/time 06/29/21 14:50	Received date/time 07/02/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1701609	1	07/09/21 23:48	07/09/21 23:48	JCP	Mt. Juliet, TN

RW 1 L1374009-08 GW

				Collected by GF/CS	Collected date/time 06/30/21 11:00	Received date/time 07/02/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1701609	1	07/10/21 00:09	07/10/21 00:09	JCP	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1700393	1	07/06/21 04:30	07/06/21 15:25	LEA	Mt. Juliet, TN

SAMPLE SUMMARY

RW 2 L1374009-09 GW

Collected by GF/CS
Collected date/time 06/30/21 11:20
Received date/time 07/02/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1701609	1	07/10/21 00:29	07/10/21 00:29	JCP	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1700393	1	07/06/21 04:30	07/06/21 15:43	LEA	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Olivia Studebaker
Project Manager

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 06/29/21 15:50

L1374009

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0205		0.00100	1	07/09/2021 21:46	WG1701609
Toluene	ND		0.00100	1	07/09/2021 21:46	WG1701609
Ethylbenzene	0.0489		0.00100	1	07/09/2021 21:46	WG1701609
Total Xylenes	0.0332		0.00300	1	07/09/2021 21:46	WG1701609
(S) Toluene-d8	97.4		80.0-120		07/09/2021 21:46	WG1701609
(S) 4-Bromofluorobenzene	94.9		77.0-126		07/09/2021 21:46	WG1701609
(S) 1,2-Dichloroethane-d4	109		70.0-130		07/09/2021 21:46	WG1701609

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.000100	2	07/06/2021 15:08	WG1700393
Acenaphthene	0.000170		0.000100	2	07/06/2021 15:08	WG1700393
Acenaphthylene	ND		0.000100	2	07/06/2021 15:08	WG1700393
Benzo(a)anthracene	ND		0.000100	2	07/06/2021 15:08	WG1700393
Benzo(a)pyrene	ND		0.000100	2	07/06/2021 15:08	WG1700393
Benzo(b)fluoranthene	ND		0.000100	2	07/06/2021 15:08	WG1700393
Benzo(g,h,i)perylene	ND		0.000100	2	07/06/2021 15:08	WG1700393
Benzo(k)fluoranthene	ND		0.000100	2	07/06/2021 15:08	WG1700393
Chrysene	ND		0.000100	2	07/06/2021 15:08	WG1700393
Dibenz(a,h)anthracene	ND		0.000100	2	07/06/2021 15:08	WG1700393
Dibenzofuran	0.000529		0.000100	2	07/06/2021 15:08	WG1700393
Fluoranthene	ND		0.000200	2	07/06/2021 15:08	WG1700393
Fluorene	0.000373		0.000100	2	07/06/2021 15:08	WG1700393
Indeno(1,2,3-cd)pyrene	ND		0.000100	2	07/06/2021 15:08	WG1700393
Naphthalene	0.00895		0.000500	2	07/06/2021 15:08	WG1700393
Phenanthrene	0.000450		0.000100	2	07/06/2021 15:08	WG1700393
Pyrene	ND		0.000100	2	07/06/2021 15:08	WG1700393
1-Methylnaphthalene	0.00714		0.000500	2	07/06/2021 15:08	WG1700393
2-Methylnaphthalene	0.00404		0.000500	2	07/06/2021 15:08	WG1700393
2-Chloronaphthalene	ND		0.000500	2	07/06/2021 15:08	WG1700393
(S) Nitrobenzene-d5	0.000	J2	31.0-160		07/06/2021 15:08	WG1700393
(S) 2-Fluorobiphenyl	84.2		48.0-148		07/06/2021 15:08	WG1700393
(S) p-Terphenyl-d14	102		37.0-146		07/06/2021 15:08	WG1700393

Sample Narrative:

L1374009-01 WG1700393: Surrogate failure due to matrix interference

Collected date/time: 06/30/21 10:30

L1374009

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	07/09/2021 22:06	WG1701609
Toluene	ND		0.00100	1	07/09/2021 22:06	WG1701609
Ethylbenzene	ND		0.00100	1	07/09/2021 22:06	WG1701609
Total Xylenes	ND		0.00300	1	07/09/2021 22:06	WG1701609
(S) Toluene-d8	103		80.0-120		07/09/2021 22:06	WG1701609
(S) 4-Bromofluorobenzene	88.3		77.0-126		07/09/2021 22:06	WG1701609
(S) 1,2-Dichloroethane-d4	103		70.0-130		07/09/2021 22:06	WG1701609

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/29/21 13:05

L1374009

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	07/09/2021 22:27	WG1701609
Toluene	ND		0.00100	1	07/09/2021 22:27	WG1701609
Ethylbenzene	ND		0.00100	1	07/09/2021 22:27	WG1701609
Total Xylenes	ND		0.00300	1	07/09/2021 22:27	WG1701609
(S) Toluene-d8	101		80.0-120		07/09/2021 22:27	WG1701609
(S) 4-Bromofluorobenzene	88.6		77.0-126		07/09/2021 22:27	WG1701609
(S) 1,2-Dichloroethane-d4	105		70.0-130		07/09/2021 22:27	WG1701609

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/30/21 10:40

L1374009

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	07/09/2021 22:47	WG1701609
Toluene	ND		0.00100	1	07/09/2021 22:47	WG1701609
Ethylbenzene	ND		0.00100	1	07/09/2021 22:47	WG1701609
Total Xylenes	ND		0.00300	1	07/09/2021 22:47	WG1701609
(S) Toluene-d8	101		80.0-120		07/09/2021 22:47	WG1701609
(S) 4-Bromofluorobenzene	93.1		77.0-126		07/09/2021 22:47	WG1701609
(S) 1,2-Dichloroethane-d4	108		70.0-130		07/09/2021 22:47	WG1701609

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/30/21 10:50

L1374009

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	07/09/2021 23:07	WG1701609
Toluene	ND		0.00100	1	07/09/2021 23:07	WG1701609
Ethylbenzene	ND		0.00100	1	07/09/2021 23:07	WG1701609
Total Xylenes	ND		0.00300	1	07/09/2021 23:07	WG1701609
(S) Toluene-d8	104		80.0-120		07/09/2021 23:07	WG1701609
(S) 4-Bromofluorobenzene	90.4		77.0-126		07/09/2021 23:07	WG1701609
(S) 1,2-Dichloroethane-d4	104		70.0-130		07/09/2021 23:07	WG1701609

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/29/21 13:55

L1374009

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	07/09/2021 23:28	WG1701609
Toluene	ND		0.00100	1	07/09/2021 23:28	WG1701609
Ethylbenzene	ND		0.00100	1	07/09/2021 23:28	WG1701609
Total Xylenes	ND		0.00300	1	07/09/2021 23:28	WG1701609
(S) Toluene-d8	102		80.0-120		07/09/2021 23:28	WG1701609
(S) 4-Bromofluorobenzene	90.0		77.0-126		07/09/2021 23:28	WG1701609
(S) 1,2-Dichloroethane-d4	105		70.0-130		07/09/2021 23:28	WG1701609

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/29/21 14:50

L1374009

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	07/09/2021 23:48	WG1701609
Toluene	ND		0.00100	1	07/09/2021 23:48	WG1701609
Ethylbenzene	ND		0.00100	1	07/09/2021 23:48	WG1701609
Total Xylenes	ND		0.00300	1	07/09/2021 23:48	WG1701609
(S) Toluene-d8	99.7		80.0-120		07/09/2021 23:48	WG1701609
(S) 4-Bromofluorobenzene	89.4		77.0-126		07/09/2021 23:48	WG1701609
(S) 1,2-Dichloroethane-d4	105		70.0-130		07/09/2021 23:48	WG1701609

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 06/30/21 11:00

L1374009

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00756		0.00100	1	07/10/2021 00:09	WG1701609
Toluene	0.00483		0.00100	1	07/10/2021 00:09	WG1701609
Ethylbenzene	0.00240		0.00100	1	07/10/2021 00:09	WG1701609
Total Xylenes	0.00921		0.00300	1	07/10/2021 00:09	WG1701609
(S) Toluene-d8	99.4		80.0-120		07/10/2021 00:09	WG1701609
(S) 4-Bromofluorobenzene	92.3		77.0-126		07/10/2021 00:09	WG1701609
(S) 1,2-Dichloroethane-d4	105		70.0-130		07/10/2021 00:09	WG1701609

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	07/06/2021 15:25	WG1700393
Acenaphthene	0.000133		0.0000500	1	07/06/2021 15:25	WG1700393
Acenaphthylene	ND		0.0000500	1	07/06/2021 15:25	WG1700393
Benzo(a)anthracene	ND		0.0000500	1	07/06/2021 15:25	WG1700393
Benzo(a)pyrene	ND		0.0000500	1	07/06/2021 15:25	WG1700393
Benzo(b)fluoranthene	ND		0.0000500	1	07/06/2021 15:25	WG1700393
Benzo(g,h,i)perylene	ND		0.0000500	1	07/06/2021 15:25	WG1700393
Benzo(k)fluoranthene	ND		0.0000500	1	07/06/2021 15:25	WG1700393
Chrysene	ND		0.0000500	1	07/06/2021 15:25	WG1700393
Dibenz(a,h)anthracene	ND		0.0000500	1	07/06/2021 15:25	WG1700393
Dibenzofuran	0.000581		0.0000500	1	07/06/2021 15:25	WG1700393
Fluoranthene	ND		0.000100	1	07/06/2021 15:25	WG1700393
Fluorene	0.000290		0.0000500	1	07/06/2021 15:25	WG1700393
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	07/06/2021 15:25	WG1700393
Naphthalene	0.00104		0.000250	1	07/06/2021 15:25	WG1700393
Phenanthrene	0.000396		0.0000500	1	07/06/2021 15:25	WG1700393
Pyrene	ND		0.0000500	1	07/06/2021 15:25	WG1700393
1-Methylnaphthalene	0.000948		0.000250	1	07/06/2021 15:25	WG1700393
2-Methylnaphthalene	0.000375		0.000250	1	07/06/2021 15:25	WG1700393
2-Chloronaphthalene	ND		0.000250	1	07/06/2021 15:25	WG1700393
(S) Nitrobenzene-d5	109		31.0-160		07/06/2021 15:25	WG1700393
(S) 2-Fluorobiphenyl	100		48.0-148		07/06/2021 15:25	WG1700393
(S) p-Terphenyl-d14	119		37.0-146		07/06/2021 15:25	WG1700393

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/30/21 11:20

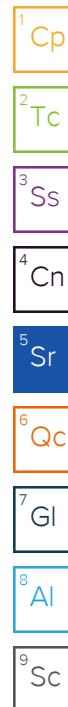
L1374009

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	07/10/2021 00:29	WG1701609
Toluene	ND		0.00100	1	07/10/2021 00:29	WG1701609
Ethylbenzene	ND		0.00100	1	07/10/2021 00:29	WG1701609
Total Xylenes	ND		0.00300	1	07/10/2021 00:29	WG1701609
(S) Toluene-d8	101		80.0-120		07/10/2021 00:29	WG1701609
(S) 4-Bromofluorobenzene	92.4		77.0-126		07/10/2021 00:29	WG1701609
(S) 1,2-Dichloroethane-d4	103		70.0-130		07/10/2021 00:29	WG1701609

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	07/06/2021 15:43	WG1700393
Acenaphthene	0.000161		0.0000500	1	07/06/2021 15:43	WG1700393
Acenaphthylene	ND		0.0000500	1	07/06/2021 15:43	WG1700393
Benzo(a)anthracene	ND		0.0000500	1	07/06/2021 15:43	WG1700393
Benzo(a)pyrene	ND		0.0000500	1	07/06/2021 15:43	WG1700393
Benzo(b)fluoranthene	ND		0.0000500	1	07/06/2021 15:43	WG1700393
Benzo(g,h,i)perylene	ND		0.0000500	1	07/06/2021 15:43	WG1700393
Benzo(k)fluoranthene	ND		0.0000500	1	07/06/2021 15:43	WG1700393
Chrysene	ND		0.0000500	1	07/06/2021 15:43	WG1700393
Dibenz(a,h)anthracene	ND		0.0000500	1	07/06/2021 15:43	WG1700393
Dibenzofuran	ND		0.0000500	1	07/06/2021 15:43	WG1700393
Fluoranthene	ND		0.000100	1	07/06/2021 15:43	WG1700393
Fluorene	0.000189		0.0000500	1	07/06/2021 15:43	WG1700393
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	07/06/2021 15:43	WG1700393
Naphthalene	ND		0.000250	1	07/06/2021 15:43	WG1700393
Phenanthrene	0.000235		0.0000500	1	07/06/2021 15:43	WG1700393
Pyrene	ND		0.0000500	1	07/06/2021 15:43	WG1700393
1-Methylnaphthalene	ND		0.000250	1	07/06/2021 15:43	WG1700393
2-Methylnaphthalene	ND		0.000250	1	07/06/2021 15:43	WG1700393
2-Chloronaphthalene	ND		0.000250	1	07/06/2021 15:43	WG1700393
(S) Nitrobenzene-d5	105		31.0-160		07/06/2021 15:43	WG1700393
(S) 2-Fluorobiphenyl	94.2		48.0-148		07/06/2021 15:43	WG1700393
(S) p-Terphenyl-d14	113		37.0-146		07/06/2021 15:43	WG1700393



Volatile Organic Compounds (GC/MS) by Method 8260B

[L1374009-01,02,03,04,05,06,07,08,09](#)

Method Blank (MB)

(MB) R3678053-2 07/09/21 20:45

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	100			80.0-120
(S) 4-Bromofluorobenzene	88.6			77.0-126
(S) 1,2-Dichloroethane-d4	105			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3678053-1 07/09/21 20:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00529	106	70.0-123	
Ethylbenzene	0.00500	0.00551	110	79.0-123	
Toluene	0.00500	0.00512	102	79.0-120	
Xylenes, Total	0.0150	0.0152	101	79.0-123	
(S) Toluene-d8			98.1	80.0-120	
(S) 4-Bromofluorobenzene			93.1	77.0-126	
(S) 1,2-Dichloroethane-d4			108	70.0-130	

Method Blank (MB)

(MB) R3676268-3 07/06/21 09:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Anthracene	U		0.0000190	0.0000500
Acenaphthene	U		0.0000190	0.0000500
Acenaphthylene	U		0.0000171	0.0000500
Benzo(a)anthracene	U		0.0000203	0.0000500
Benzo(a)pyrene	U		0.0000184	0.0000500
Benzo(b)fluoranthene	U		0.0000168	0.0000500
Benzo(g,h,i)perylene	U		0.0000184	0.0000500
Benzo(k)fluoranthene	U		0.0000202	0.0000500
Chrysene	U		0.0000179	0.0000500
Dibenz(a,h)anthracene	U		0.0000160	0.0000500
Fluoranthene	U		0.0000270	0.000100
Fluorene	U		0.0000169	0.0000500
Indeno(1,2,3-cd)pyrene	U		0.0000158	0.0000500
Naphthalene	U		0.0000917	0.000250
Phenanthrene	U		0.0000180	0.0000500
Pyrene	U		0.0000169	0.0000500
1-Methylnaphthalene	U		0.0000687	0.000250
2-Methylnaphthalene	U		0.0000674	0.000250
2-Chloronaphthalene	U		0.0000682	0.000250
Dibenzofuran	U		0.0000191	0.0000500
(S) Nitrobenzene-d5	100			31.0-160
(S) 2-Fluorobiphenyl	100			48.0-148
(S) p-Terphenyl-d14	126			37.0-146

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3676268-1 07/06/21 09:19 • (LCSD) R3676268-2 07/06/21 09:36

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dibenzofuran	0.00200	0.00205	0.00194	103	97.0	67.0-134			5.51	20
Anthracene	0.00200	0.00190	0.00178	95.0	89.0	67.0-150			6.52	20
Acenaphthene	0.00200	0.00207	0.00198	104	99.0	65.0-138			4.44	20
Acenaphthylene	0.00200	0.00200	0.00190	100	95.0	66.0-140			5.13	20
Benzo(a)anthracene	0.00200	0.00185	0.00172	92.5	86.0	61.0-140			7.28	20
Benzo(a)pyrene	0.00200	0.00193	0.00182	96.5	91.0	60.0-143			5.87	20
Benzo(b)fluoranthene	0.00200	0.00208	0.00201	104	100	58.0-141			3.42	20
Benzo(g,h,i)perylene	0.00200	0.00197	0.00188	98.5	94.0	52.0-153			4.68	20
Benzo(k)fluoranthene	0.00200	0.00212	0.00197	106	98.5	58.0-148			7.33	20
Chrysene	0.00200	0.00207	0.00199	104	99.5	64.0-144			3.94	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3676268-1 07/06/21 09:19 • (LCSD) R3676268-2 07/06/21 09:36

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Dibenz(a,h)anthracene	0.00200	0.00184	0.00174	92.0	87.0	52.0-155			5.59	20
Fluoranthene	0.00200	0.00200	0.00191	100	95.5	69.0-153			4.60	20
Fluorene	0.00200	0.00202	0.00184	101	92.0	64.0-136			9.33	20
Indeno(1,2,3-cd)pyrene	0.00200	0.00176	0.00169	88.0	84.5	54.0-153			4.06	20
Naphthalene	0.00200	0.00195	0.00185	97.5	92.5	61.0-137			5.26	20
Phenanthrene	0.00200	0.00203	0.00192	102	96.0	62.0-137			5.57	20
Pyrene	0.00200	0.00211	0.00205	105	103	60.0-142			2.88	20
1-Methylnaphthalene	0.00200	0.00203	0.00194	102	97.0	66.0-142			4.53	20
2-Methylnaphthalene	0.00200	0.00193	0.00181	96.5	90.5	62.0-136			6.42	20
2-Chloronaphthalene	0.00200	0.00203	0.00193	102	96.5	64.0-140			5.05	20
(S) Nitrobenzene-d5				107	99.0	31.0-160				
(S) 2-Fluorobiphenyl				103	98.5	48.0-148				
(S) p-Terphenyl-d14				126	120	37.0-146				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

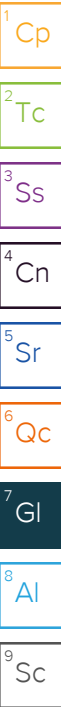
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
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Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

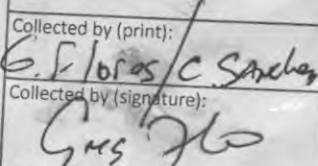
Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

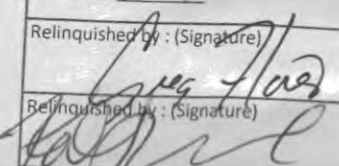
Plains All American Pipeline - Entech 21 Waterway Ave., Suite 300 The Woodlands, TX 77380			Billing Information: Accounts Payable 333 Clay St., Ste 1600 Houston, TX 77002			Pres Chk		Analysis / Container / Preservative										Chain of Custody Page <u>1</u> of <u>1</u>	
Report to: Kathleen Buxton			Email To: kathleen.buxton@entechservice.com, cjbryant@paalp.com															 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859	
Project Description: DS Hugh			City/State Collected:															L# L1374009 D036	
Phone: 979-997-2338 Fax:			Client Project # PAA12003			Lab Project # PLAINSENT-DSHUGH												Acctnum: PLAINSENT Template: T94127 Prelogin: P707774 TSR: 134 - Mark W. Beasley PB:	
Collected by (print): G. E. Flores / C. Sanchez			Site/Facility ID # SRS - 2000-10807			P.O. #												Shipped Via:	
Collected by (signature): 			Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day			Quote #												Remarks Sample # (lab only)	
Immediately Packed on Ice N ☐ Y ☒			Date Results Needed			No. of Cntrs													
Sample ID			Comp/Grab	Matrix *	Depth	Date	Time												
mw 1				GW		6-29-21	1550	4	2	2							-01		
mw 2				GW		6-30-21	1030	2		X							-02		
mw 3				GW		6-29-21	1305	2		2							-03		
mw 4				GW		6-30-21	1040	2		+							-04		
mw 5				GW		6-30-21	1050	2		+							-05		
mw 6				GW		6-29-21	1355	2		X							-06		
mw 7				GW		6-29-21	1450	2		X							-07		
Rw 1				GW		6-30-21	1100	4	2	2							-08		
Rw 2				GW		6-30-21	1120	4	2	2							-09		
				GW															

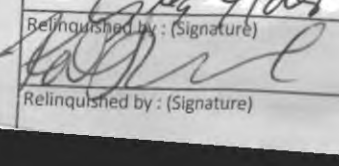
* Matrix: SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks:

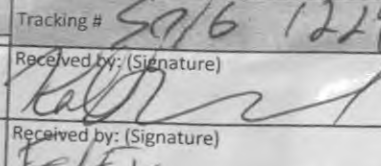
Samples returned via: ☐ UPS ☐ FedEx ☐ Courier

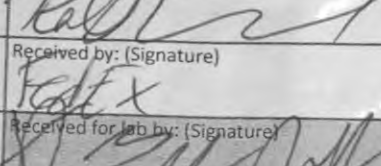
Tracking # **5916 1217 2349**

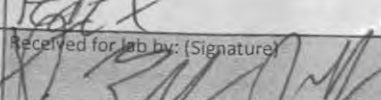
Relinquished by: (Signature)  Date: **7-1-21** Time: **1400**

Relinquished by: (Signature)  Date: **7-1-21** Time: **1400**

Relinquished by: (Signature) _____ Date: _____ Time: _____

Received by: (Signature)  Trip Blank Received: Yes/No ☒ HCL MeOH TBR

Received by: (Signature)  Temp: **4.4-11.3 29** Bottles Received: _____

Received by: (Signature)  Date: **07-02-21** Time: **0900**

Sample Receipt Checklist:
 COC Seal Present/Intact: ☒ NP Y ☐ N
 COC Signed/Accurate: ☒ Y ☐ N
 Bottles arrive intact: ☒ Y ☐ N
 Correct bottles used: ☒ Y ☐ N
 Sufficient volume sent: ☒ Y ☐ N
 If Applicable
 VOA Zero Headspace: ☒ Y ☐ N
 Preservation Correct/Checked: ☒ Y ☐ N

If preservation required by Login: Date/Time _____

Hold: _____ Condition: **NCF / OK**



ANALYTICAL REPORT

September 10, 2021

Plains All American Pipeline

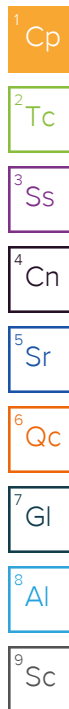
Sample Delivery Group: L1396395
Samples Received: 08/28/2021
Project Number: PAA12003
Description: DS Hugh
Site: SRS - 2000-10807
Report To: Kathleen Buxton
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

Entire Report Reviewed By:

A handwritten signature in blue ink, appearing to read "Olivia L.", enclosed in a thin black rectangular border.

Olivia Studebaker
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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MW1 L1396395-01 GW

				Collected by CS/GF	Collected date/time 08/27/21 14:50	Received date/time 08/28/21 09:15
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1733779	1	09/05/21 01:06	09/05/21 01:06	DWR	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

MW2 L1396395-02 GW

				Collected by CS/GF	Collected date/time 08/27/21 13:30	Received date/time 08/28/21 09:15
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1733779	1	09/05/21 01:27	09/05/21 01:27	DWR	Mt. Juliet, TN

MW3 L1396395-03 GW

				Collected by CS/GF	Collected date/time 08/27/21 13:40	Received date/time 08/28/21 09:15
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1733779	1	09/05/21 01:48	09/05/21 01:48	DWR	Mt. Juliet, TN

MW4 L1396395-04 GW

				Collected by CS/GF	Collected date/time 08/27/21 14:20	Received date/time 08/28/21 09:15
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1733779	1	09/05/21 02:09	09/05/21 02:09	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1732562	1	09/01/21 23:14	09/02/21 09:05	LEA	Mt. Juliet, TN

MW5 L1396395-05 GW

				Collected by CS/GF	Collected date/time 08/27/21 13:50	Received date/time 08/28/21 09:15
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1733779	1	09/05/21 02:29	09/05/21 02:29	DWR	Mt. Juliet, TN

MW6 L1396395-06 GW

				Collected by CS/GF	Collected date/time 08/27/21 14:00	Received date/time 08/28/21 09:15
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1733779	1	09/05/21 02:50	09/05/21 02:50	DWR	Mt. Juliet, TN

MW7 L1396395-07 GW

				Collected by CS/GF	Collected date/time 08/27/21 14:10	Received date/time 08/28/21 09:15
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1733779	1	09/05/21 03:11	09/05/21 03:11	DWR	Mt. Juliet, TN

RW1 L1396395-08 GW

				Collected by CS/GF	Collected date/time 08/27/21 14:40	Received date/time 08/28/21 09:15
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1733779	1	09/05/21 03:32	09/05/21 03:32	DWR	Mt. Juliet, TN

SAMPLE SUMMARY

RW2 L1396395-09 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1733779	1	09/05/21 03:52	09/05/21 03:52	DWR	Mt. Juliet, TN

DUP-01 L1396395-10 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1733779	1	09/05/21 04:13	09/05/21 04:13	DWR	Mt. Juliet, TN

1Cp

2Tc

3Ss

4Cn

5Sr

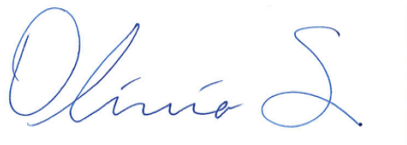
6Qc

7Gl

8Al

9Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Olivia Studebaker
Project Manager

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 08/27/21 14:50

L1396395

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00504		0.00100	1	09/05/2021 01:06	WG1733779
Toluene	ND		0.00100	1	09/05/2021 01:06	WG1733779
Ethylbenzene	0.0186		0.00100	1	09/05/2021 01:06	WG1733779
Total Xylenes	0.0163		0.00300	1	09/05/2021 01:06	WG1733779
(S) Toluene-d8	88.3		80.0-120		09/05/2021 01:06	WG1733779
(S) 4-Bromofluorobenzene	92.0		77.0-126		09/05/2021 01:06	WG1733779
(S) 1,2-Dichloroethane-d4	112		70.0-130		09/05/2021 01:06	WG1733779

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 08/27/21 13:30

L1396395

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/05/2021 01:27	WG1733779
Toluene	ND		0.00100	1	09/05/2021 01:27	WG1733779
Ethylbenzene	ND		0.00100	1	09/05/2021 01:27	WG1733779
Total Xylenes	ND		0.00300	1	09/05/2021 01:27	WG1733779
(S) Toluene-d8	93.3		80.0-120		09/05/2021 01:27	WG1733779
(S) 4-Bromofluorobenzene	97.7		77.0-126		09/05/2021 01:27	WG1733779
(S) 1,2-Dichloroethane-d4	108		70.0-130		09/05/2021 01:27	WG1733779

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 08/27/21 13:40

L1396395

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/05/2021 01:48	WG1733779
Toluene	ND		0.00100	1	09/05/2021 01:48	WG1733779
Ethylbenzene	ND		0.00100	1	09/05/2021 01:48	WG1733779
Total Xylenes	ND		0.00300	1	09/05/2021 01:48	WG1733779
(S) Toluene-d8	88.9		80.0-120		09/05/2021 01:48	WG1733779
(S) 4-Bromofluorobenzene	93.4		77.0-126		09/05/2021 01:48	WG1733779
(S) 1,2-Dichloroethane-d4	111		70.0-130		09/05/2021 01:48	WG1733779

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 08/27/21 14:20

L1396395

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/05/2021 02:09	WG1733779
Toluene	ND		0.00100	1	09/05/2021 02:09	WG1733779
Ethylbenzene	ND		0.00100	1	09/05/2021 02:09	WG1733779
Total Xylenes	ND		0.00300	1	09/05/2021 02:09	WG1733779
(S) Toluene-d8	90.1		80.0-120		09/05/2021 02:09	WG1733779
(S) 4-Bromofluorobenzene	95.8		77.0-126		09/05/2021 02:09	WG1733779
(S) 1,2-Dichloroethane-d4	110		70.0-130		09/05/2021 02:09	WG1733779

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	09/02/2021 09:05	WG1732562
Acenaphthene	ND		0.0000500	1	09/02/2021 09:05	WG1732562
Acenaphthylene	ND		0.0000500	1	09/02/2021 09:05	WG1732562
Benzo(a)anthracene	ND		0.0000500	1	09/02/2021 09:05	WG1732562
Benzo(a)pyrene	ND		0.0000500	1	09/02/2021 09:05	WG1732562
Benzo(b)fluoranthene	ND		0.0000500	1	09/02/2021 09:05	WG1732562
Benzo(g,h,i)perylene	ND	J3	0.0000500	1	09/02/2021 09:05	WG1732562
Benzo(k)fluoranthene	ND		0.0000500	1	09/02/2021 09:05	WG1732562
Chrysene	ND		0.0000500	1	09/02/2021 09:05	WG1732562
Dibenz(a,h)anthracene	ND	J3	0.0000500	1	09/02/2021 09:05	WG1732562
Dibenzofuran	0.000334		0.0000500	1	09/02/2021 09:05	WG1732562
Fluoranthene	ND		0.000100	1	09/02/2021 09:05	WG1732562
Fluorene	ND		0.0000500	1	09/02/2021 09:05	WG1732562
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	09/02/2021 09:05	WG1732562
Naphthalene	ND		0.000250	1	09/02/2021 09:05	WG1732562
Phenanthrene	ND		0.0000500	1	09/02/2021 09:05	WG1732562
Pyrene	ND		0.0000500	1	09/02/2021 09:05	WG1732562
1-Methylnaphthalene	ND		0.000250	1	09/02/2021 09:05	WG1732562
2-Methylnaphthalene	ND		0.000250	1	09/02/2021 09:05	WG1732562
2-Chloronaphthalene	ND		0.000250	1	09/02/2021 09:05	WG1732562
(S) Nitrobenzene-d5	121		31.0-160		09/02/2021 09:05	WG1732562
(S) 2-Fluorobiphenyl	127		48.0-148		09/02/2021 09:05	WG1732562
(S) p-Terphenyl-d14	151	J1	37.0-146		09/02/2021 09:05	WG1732562

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 08/27/21 13:50

L1396395

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/05/2021 02:29	WG1733779
Toluene	ND		0.00100	1	09/05/2021 02:29	WG1733779
Ethylbenzene	ND		0.00100	1	09/05/2021 02:29	WG1733779
Total Xylenes	ND		0.00300	1	09/05/2021 02:29	WG1733779
(S) Toluene-d8	92.4		80.0-120		09/05/2021 02:29	WG1733779
(S) 4-Bromofluorobenzene	95.8		77.0-126		09/05/2021 02:29	WG1733779
(S) 1,2-Dichloroethane-d4	112		70.0-130		09/05/2021 02:29	WG1733779

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 08/27/21 14:00

L1396395

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/05/2021 02:50	WG1733779
Toluene	ND		0.00100	1	09/05/2021 02:50	WG1733779
Ethylbenzene	ND		0.00100	1	09/05/2021 02:50	WG1733779
Total Xylenes	ND		0.00300	1	09/05/2021 02:50	WG1733779
(S) Toluene-d8	90.9		80.0-120		09/05/2021 02:50	WG1733779
(S) 4-Bromofluorobenzene	93.3		77.0-126		09/05/2021 02:50	WG1733779
(S) 1,2-Dichloroethane-d4	111		70.0-130		09/05/2021 02:50	WG1733779

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 08/27/21 14:10

L1396395

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/05/2021 03:11	WG1733779
Toluene	ND		0.00100	1	09/05/2021 03:11	WG1733779
Ethylbenzene	ND		0.00100	1	09/05/2021 03:11	WG1733779
Total Xylenes	ND		0.00300	1	09/05/2021 03:11	WG1733779
(S) Toluene-d8	89.8		80.0-120		09/05/2021 03:11	WG1733779
(S) 4-Bromofluorobenzene	96.6		77.0-126		09/05/2021 03:11	WG1733779
(S) 1,2-Dichloroethane-d4	111		70.0-130		09/05/2021 03:11	WG1733779

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 08/27/21 14:40

L1396395

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/05/2021 03:32	WG1733779
Toluene	ND		0.00100	1	09/05/2021 03:32	WG1733779
Ethylbenzene	ND		0.00100	1	09/05/2021 03:32	WG1733779
Total Xylenes	ND		0.00300	1	09/05/2021 03:32	WG1733779
(S) Toluene-d8	88.6		80.0-120		09/05/2021 03:32	WG1733779
(S) 4-Bromofluorobenzene	93.4		77.0-126		09/05/2021 03:32	WG1733779
(S) 1,2-Dichloroethane-d4	115		70.0-130		09/05/2021 03:32	WG1733779

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 08/27/21 14:30

L1396395

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0234		0.00100	1	09/05/2021 03:52	WG1733779
Toluene	0.00272		0.00100	1	09/05/2021 03:52	WG1733779
Ethylbenzene	0.00171		0.00100	1	09/05/2021 03:52	WG1733779
Total Xylenes	0.0131		0.00300	1	09/05/2021 03:52	WG1733779
(S) Toluene-d8	88.3		80.0-120		09/05/2021 03:52	WG1733779
(S) 4-Bromofluorobenzene	94.4		77.0-126		09/05/2021 03:52	WG1733779
(S) 1,2-Dichloroethane-d4	112		70.0-130		09/05/2021 03:52	WG1733779

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 08/27/21 00:00

L1396395

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/05/2021 04:13	WG1733779
Toluene	ND		0.00100	1	09/05/2021 04:13	WG1733779
Ethylbenzene	ND		0.00100	1	09/05/2021 04:13	WG1733779
Total Xylenes	ND		0.00300	1	09/05/2021 04:13	WG1733779
(S) Toluene-d8	89.1		80.0-120		09/05/2021 04:13	WG1733779
(S) 4-Bromofluorobenzene	95.9		77.0-126		09/05/2021 04:13	WG1733779
(S) 1,2-Dichloroethane-d4	108		70.0-130		09/05/2021 04:13	WG1733779

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

L1396395-01.02.03.04.05.06.07.08.09.10

Method Blank (MB)

(MB) R3701466-3 09/05/21 00:45

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	90.4			80.0-120
(S) 4-Bromofluorobenzene	96.2			77.0-126
(S) 1,2-Dichloroethane-d4	107			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3701466-1 09/04/21 23:44 • (LCSD) R3701466-2 09/05/21 00:05

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00551	0.00525	110	105	70.0-123			4.83	20
Ethylbenzene	0.00500	0.00519	0.00462	104	92.4	79.0-123			11.6	20
Toluene	0.00500	0.00455	0.00425	91.0	85.0	79.0-120			6.82	20
Xylenes, Total	0.0150	0.0146	0.0138	97.3	92.0	79.0-123			5.63	20
(S) Toluene-d8				90.3	88.9	80.0-120				
(S) 4-Bromofluorobenzene				99.6	96.4	77.0-126				
(S) 1,2-Dichloroethane-d4				107	109	70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3699766-3 09/02/21 08:48

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Anthracene	U		0.0000190	0.0000500
Acenaphthene	U		0.0000190	0.0000500
Acenaphthylene	U		0.0000171	0.0000500
Benzo(a)anthracene	U		0.0000203	0.0000500
Benzo(a)pyrene	U		0.0000184	0.0000500
Benzo(b)fluoranthene	U		0.0000168	0.0000500
Benzo(g,h,i)perylene	U		0.0000184	0.0000500
Benzo(k)fluoranthene	U		0.0000202	0.0000500
Chrysene	U		0.0000179	0.0000500
Dibenz(a,h)anthracene	U		0.0000160	0.0000500
Fluoranthene	U		0.0000270	0.000100
Fluorene	U		0.0000169	0.0000500
Indeno(1,2,3-cd)pyrene	U		0.0000158	0.0000500
Naphthalene	U		0.0000917	0.000250
Phenanthrene	U		0.0000180	0.0000500
Pyrene	U		0.0000169	0.0000500
1-Methylnaphthalene	U		0.0000687	0.000250
2-Methylnaphthalene	U		0.0000674	0.000250
2-Chloronaphthalene	U		0.0000682	0.000250
Dibenzofuran	U		0.0000191	0.0000500
(S) Nitrobenzene-d5	103			31.0-160
(S) 2-Fluorobiphenyl	131			48.0-148
(S) p-Terphenyl-d14	155	J1		37.0-146

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3699766-1 09/02/21 08:13 • (LCSD) R3699766-2 09/02/21 08:31

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dibenzofuran	0.00200	0.00240	0.00250	120	125	67.0-134			4.08	20
Anthracene	0.00200	0.00242	0.00248	121	124	67.0-150			2.45	20
Acenaphthene	0.00200	0.00241	0.00252	120	126	65.0-138			4.46	20
Acenaphthylene	0.00200	0.00253	0.00264	126	132	66.0-140			4.26	20
Benzo(a)anthracene	0.00200	0.00183	0.00209	91.5	104	61.0-140			13.3	20
Benzo(a)pyrene	0.00200	0.00153	0.00182	76.5	91.0	60.0-143			17.3	20
Benzo(b)fluoranthene	0.00200	0.00163	0.00191	81.5	95.5	58.0-141			15.8	20
Benzo(g,h,i)perylene	0.00200	0.00141	0.00173	70.5	86.5	52.0-153		J3	20.4	20
Benzo(k)fluoranthene	0.00200	0.00149	0.00182	74.5	91.0	58.0-148			19.9	20
Chrysene	0.00200	0.00172	0.00199	86.0	99.5	64.0-144			14.6	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3699766-1 09/02/21 08:13 • (LCSD) R3699766-2 09/02/21 08:31

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Dibenz(a,h)anthracene	0.00200	0.00141	0.00174	70.5	87.0	52.0-155		J3	21.0	20
Fluoranthene	0.00200	0.00224	0.00236	112	118	69.0-153			5.22	20
Fluorene	0.00200	0.00247	0.00255	123	128	64.0-136			3.19	20
Indeno(1,2,3-cd)pyrene	0.00200	0.00146	0.00174	73.0	87.0	54.0-153			17.5	20
Naphthalene	0.00200	0.00231	0.00241	115	120	61.0-137			4.24	20
Phenanthrene	0.00200	0.00246	0.00256	123	128	62.0-137			3.98	20
Pyrene	0.00200	0.00228	0.00240	114	120	60.0-142			5.13	20
1-Methylnaphthalene	0.00200	0.00238	0.00248	119	124	66.0-142			4.12	20
2-Methylnaphthalene	0.00200	0.00222	0.00234	111	117	62.0-136			5.26	20
2-Chloronaphthalene	0.00200	0.00235	0.00248	117	124	64.0-140			5.38	20
(S) Nitrobenzene-d5				120	136	31.0-160				
(S) 2-Fluorobiphenyl				124	129	48.0-148				
(S) p-Terphenyl-d14				99.0	118	37.0-146				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

QualifierDescription

J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J3	The associated batch QC was outside the established quality control range for precision.

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Plains All American Pipeline - Entech 21 Waterway Ave., Suite 300 The Woodlands, TX 77380				Billing Information:				Pres Chk		Analysis / Container / Preservative										Chain of Custody Page <u>1</u> of <u>1</u>	
				Accounts Payable 333 Clay St., Ste 1600 Houston, TX 77002																	
Report to:				Email To: kathleen.buxton@entechservice.com, cjbrant@paalp.com																 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859  L# <u>U396395</u> D148 Acctnum: PLAINSEN Template: T94127 Prelogin: P707774 TSR: 134 - Mark W. Beasley PB: Shipped Via:	
Project Description: DS Hugh				City/State Collected:																	
Phone: 979-997-2338				Client Project # PAA12003																	
Fax:				Lab Project # PLAINSENT-DSHUGH																	
Collected by (print): <u>CARISS GREGG</u>				Site/Facility ID # SRS - 2000-10807																	
Collected by (signature): <u>[Signature]</u>				Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day				Quote #													
Immediately Packed on Ice N <u> </u> Y <u>X</u>				Date Results Needed				No. of Cntrs													
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time															
<u>MW1</u>			<u>GW</u>		<u>8-27-21</u>	<u>1450</u>	<u>2</u>		<u>2</u>												
<u>MW2</u>			<u>GW</u>		<u>1330</u>	<u>2</u>		<u>2</u>													
<u>MW3</u>			<u>GW</u>		<u>1340</u>	<u>2</u>		<u>2</u>													
<u>MW4</u>			<u>GW</u>		<u>1420</u>	<u>4</u>	<u>2</u>	<u>2</u>													
<u>MW5</u>			<u>GW</u>		<u>1350</u>	<u>2</u>		<u>2</u>													
<u>MW6</u>			<u>GW</u>		<u>1400</u>	<u>2</u>		<u>2</u>													
<u>MW7</u>			<u>GW</u>		<u>1410</u>	<u>2</u>		<u>2</u>													
<u>RW1</u>			<u>GW</u>		<u>1440</u>	<u>2</u>		<u>2</u>													
<u>RW2</u>			<u>GW</u>		<u>1430</u>	<u>2</u>		<u>2</u>													
<u>DUP-01</u>			<u>GW</u>		<u>8-27-21</u>	<u> </u>	<u>2</u>	<u>2</u>													
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other				Remarks: Samples returned via: ☐ UPS ☐ FedEx ☐ Courier				Tracking #													
Relinquished by: (Signature) <u>[Signature]</u>				Date: <u>8-27-21</u>		Time: <u>1530</u>		Received by: (Signature) <u>[Signature]</u>				Trip Blank Received: Yes/No <u> </u> HCL / MeOH <u> </u> TBR <u> </u>				COC Seal Present/Intact: <u> </u> Y <u> </u> N COC Signed/Accurate: <u> </u> Y <u> </u> N Bottles arrive intact: <u> </u> Y <u> </u> N Correct bottles used: <u> </u> Y <u> </u> N Sufficient volume sent: <u> </u> Y <u> </u> N IF Applicable VOA Zero Headspace: <u> </u> Y <u> </u> N Preservation Correct/Checked: <u> </u> Y <u> </u> N					
Relinquished by: (Signature) <u>[Signature]</u>				Date: <u>8-27-21</u>		Time: <u>1630</u>		Received by: (Signature) <u>[Signature]</u>				Temp: <u>23.0</u> °C Bottles Received: <u>22</u>				If preservation required by Login: Date/Time					
Relinquished by: (Signature) <u>[Signature]</u>				Date: <u> </u>		Time: <u> </u>		Received for lab by: (Signature) <u>[Signature]</u>				Date: <u>8-23-21</u> Time: <u>0915</u>				Hold: <u> </u> Condition: <u>NCF</u> / <u>OK</u>					



ANALYTICAL REPORT

December 13, 2021

Plains All American Pipeline

Sample Delivery Group: L1438373
Samples Received: 12/04/2021
Project Number: PAA12003
Description: DS Hugh
Site: SRS - 2000-10807
Report To: Kathleen Buxton
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

Entire Report Reviewed By:

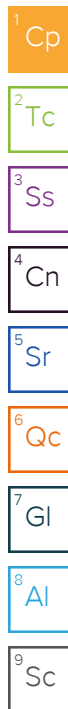
A handwritten signature in blue ink, reading "Olivia L.", enclosed in a light blue rectangular box.

Olivia Studebaker
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com



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¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

MW 2 L1438373-01 GW

				Collected by Greg Flores	Collected date/time 12/02/21 14:30	Received date/time 12/04/21 09:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1786331	1	12/09/21 10:38	12/09/21 10:38	JAH	Mt. Juliet, TN

¹ Cp² Tc³ Ss

MW 3 L1438373-02 GW

				Collected by Greg Flores	Collected date/time 12/02/21 14:40	Received date/time 12/04/21 09:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1786331	1	12/09/21 10:59	12/09/21 10:59	JAH	Mt. Juliet, TN

⁴ Cn⁵ Sr

MW 4 L1438373-03 GW

				Collected by Greg Flores	Collected date/time 12/02/21 15:20	Received date/time 12/04/21 09:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1786345	1	12/09/21 08:15	12/09/21 08:15	BMB	Mt. Juliet, TN

⁶ Qc⁷ Gl

MW 5 L1438373-04 GW

				Collected by Greg Flores	Collected date/time 12/02/21 14:50	Received date/time 12/04/21 09:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1786345	1	12/09/21 08:36	12/09/21 08:36	BMB	Mt. Juliet, TN

⁸ Al⁹ Sc

MW 6 L1438373-05 GW

				Collected by Greg Flores	Collected date/time 12/02/21 15:00	Received date/time 12/04/21 09:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1786345	1	12/09/21 09:00	12/09/21 09:00	BMB	Mt. Juliet, TN

MW 7 L1438373-06 GW

				Collected by Greg Flores	Collected date/time 12/02/21 15:10	Received date/time 12/04/21 09:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1786345	1	12/09/21 09:21	12/09/21 09:21	BMB	Mt. Juliet, TN

RW 1 L1438373-07 GW

				Collected by Greg Flores	Collected date/time 12/02/21 15:30	Received date/time 12/04/21 09:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1786345	1	12/09/21 09:42	12/09/21 09:42	BMB	Mt. Juliet, TN

RW 2 L1438373-08 GW

				Collected by Greg Flores	Collected date/time 12/02/21 15:40	Received date/time 12/04/21 09:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1786345	1	12/09/21 10:03	12/09/21 10:03	BMB	Mt. Juliet, TN

SAMPLE SUMMARY

DUP-01 L1438373-09 GW

Collected by
Greg Flores

Collected date/time
12/02/21 00:00

Received date/time
12/04/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1786345	1	12/09/21 10:23	12/09/21 10:23	BMB	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Olivia Studebaker
Project Manager

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 12/02/21 14:30

L1438373

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/09/2021 10:38	WG1786331
Toluene	ND		0.00100	1	12/09/2021 10:38	WG1786331
Ethylbenzene	ND		0.00100	1	12/09/2021 10:38	WG1786331
Total Xylenes	ND		0.00300	1	12/09/2021 10:38	WG1786331
(S) Toluene-d8	114		80.0-120		12/09/2021 10:38	WG1786331
(S) 4-Bromofluorobenzene	110		77.0-126		12/09/2021 10:38	WG1786331
(S) 1,2-Dichloroethane-d4	99.2		70.0-130		12/09/2021 10:38	WG1786331

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 12/02/21 14:40

L1438373

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/09/2021 10:59	WG1786331
Toluene	ND		0.00100	1	12/09/2021 10:59	WG1786331
Ethylbenzene	ND		0.00100	1	12/09/2021 10:59	WG1786331
Total Xylenes	ND		0.00300	1	12/09/2021 10:59	WG1786331
(S) Toluene-d8	115		80.0-120		12/09/2021 10:59	WG1786331
(S) 4-Bromofluorobenzene	110		77.0-126		12/09/2021 10:59	WG1786331
(S) 1,2-Dichloroethane-d4	99.4		70.0-130		12/09/2021 10:59	WG1786331

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 12/02/21 15:20

L1438373

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/09/2021 08:15	WG1786345
Toluene	ND		0.00100	1	12/09/2021 08:15	WG1786345
Ethylbenzene	ND		0.00100	1	12/09/2021 08:15	WG1786345
Total Xylenes	ND		0.00300	1	12/09/2021 08:15	WG1786345
(S) Toluene-d8	112		80.0-120		12/09/2021 08:15	WG1786345
(S) 4-Bromofluorobenzene	108		77.0-126		12/09/2021 08:15	WG1786345
(S) 1,2-Dichloroethane-d4	92.4		70.0-130		12/09/2021 08:15	WG1786345

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 12/02/21 14:50

L1438373

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/09/2021 08:36	WG1786345
Toluene	ND		0.00100	1	12/09/2021 08:36	WG1786345
Ethylbenzene	ND		0.00100	1	12/09/2021 08:36	WG1786345
Total Xylenes	ND		0.00300	1	12/09/2021 08:36	WG1786345
(S) Toluene-d8	110		80.0-120		12/09/2021 08:36	WG1786345
(S) 4-Bromofluorobenzene	106		77.0-126		12/09/2021 08:36	WG1786345
(S) 1,2-Dichloroethane-d4	88.8		70.0-130		12/09/2021 08:36	WG1786345

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 12/02/21 15:00

L1438373

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/09/2021 09:00	WG1786345
Toluene	ND		0.00100	1	12/09/2021 09:00	WG1786345
Ethylbenzene	ND		0.00100	1	12/09/2021 09:00	WG1786345
Total Xylenes	ND		0.00300	1	12/09/2021 09:00	WG1786345
(S) Toluene-d8	112		80.0-120		12/09/2021 09:00	WG1786345
(S) 4-Bromofluorobenzene	106		77.0-126		12/09/2021 09:00	WG1786345
(S) 1,2-Dichloroethane-d4	94.6		70.0-130		12/09/2021 09:00	WG1786345

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 12/02/21 15:10

L1438373

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/09/2021 09:21	WG1786345
Toluene	ND		0.00100	1	12/09/2021 09:21	WG1786345
Ethylbenzene	ND		0.00100	1	12/09/2021 09:21	WG1786345
Total Xylenes	ND		0.00300	1	12/09/2021 09:21	WG1786345
(S) Toluene-d8	112		80.0-120		12/09/2021 09:21	WG1786345
(S) 4-Bromofluorobenzene	104		77.0-126		12/09/2021 09:21	WG1786345
(S) 1,2-Dichloroethane-d4	96.6		70.0-130		12/09/2021 09:21	WG1786345

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 12/02/21 15:30

L1438373

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00290		0.00100	1	12/09/2021 09:42	WG1786345
Toluene	ND		0.00100	1	12/09/2021 09:42	WG1786345
Ethylbenzene	ND		0.00100	1	12/09/2021 09:42	WG1786345
Total Xylenes	0.00561		0.00300	1	12/09/2021 09:42	WG1786345
(S) Toluene-d8	107		80.0-120		12/09/2021 09:42	WG1786345
(S) 4-Bromofluorobenzene	103		77.0-126		12/09/2021 09:42	WG1786345
(S) 1,2-Dichloroethane-d4	95.7		70.0-130		12/09/2021 09:42	WG1786345

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 12/02/21 15:40

L1438373

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/09/2021 10:03	WG1786345
Toluene	ND		0.00100	1	12/09/2021 10:03	WG1786345
Ethylbenzene	ND		0.00100	1	12/09/2021 10:03	WG1786345
Total Xylenes	ND		0.00300	1	12/09/2021 10:03	WG1786345
(S) Toluene-d8	106		80.0-120		12/09/2021 10:03	WG1786345
(S) 4-Bromofluorobenzene	102		77.0-126		12/09/2021 10:03	WG1786345
(S) 1,2-Dichloroethane-d4	97.1		70.0-130		12/09/2021 10:03	WG1786345

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 12/02/21 00:00

L1438373

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/09/2021 10:23	WG1786345
Toluene	ND		0.00100	1	12/09/2021 10:23	WG1786345
Ethylbenzene	ND		0.00100	1	12/09/2021 10:23	WG1786345
Total Xylenes	ND		0.00300	1	12/09/2021 10:23	WG1786345
(S) Toluene-d8	111		80.0-120		12/09/2021 10:23	WG1786345
(S) 4-Bromofluorobenzene	105		77.0-126		12/09/2021 10:23	WG1786345
(S) 1,2-Dichloroethane-d4	93.1		70.0-130		12/09/2021 10:23	WG1786345

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3739676-3 12/09/21 08:38

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	111			80.0-120
(S) 4-Bromofluorobenzene	106			77.0-126
(S) 1,2-Dichloroethane-d4	99.5			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3739676-1 12/09/21 07:38 • (LCSD) R3739676-2 12/09/21 07:58

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00493	0.00516	98.6	103	70.0-123			4.56	20
Ethylbenzene	0.00500	0.00512	0.00510	102	102	79.0-123			0.391	20
Toluene	0.00500	0.00502	0.00503	100	101	79.0-120			0.199	20
Xylenes, Total	0.0150	0.0155	0.0155	103	103	79.0-123			0.000	20
(S) Toluene-d8				111	108	80.0-120				
(S) 4-Bromofluorobenzene				109	107	77.0-126				
(S) 1,2-Dichloroethane-d4				97.8	98.9	70.0-130				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3739668-3 12/09/21 05:28

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	111			80.0-120
(S) 4-Bromofluorobenzene	104			77.0-126
(S) 1,2-Dichloroethane-d4	93.5			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3739668-1 12/09/21 04:25 • (LCSD) R3739668-2 12/09/21 04:46

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00457	0.00439	91.4	87.8	70.0-123			4.02	20
Ethylbenzene	0.00500	0.00469	0.00447	93.8	89.4	79.0-123			4.80	20
Toluene	0.00500	0.00457	0.00429	91.4	85.8	79.0-120			6.32	20
Xylenes, Total	0.0150	0.0142	0.0137	94.7	91.3	79.0-123			3.58	20
(S) Toluene-d8				110	108	80.0-120				
(S) 4-Bromofluorobenzene				104	102	77.0-126				
(S) 1,2-Dichloroethane-d4				92.1	96.3	70.0-130				

⁷Gl

⁸Al

⁹Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

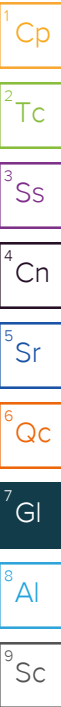
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.



Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Plains All American Pipeline - Entech 21 Waterway Ave., Suite 300 The Woodlands, TX 77380		Billing Information:		Analysis / Container / Preservative										Chain of Custody Page 1 of 1											
		Accounts Payable 333 Clay St., Ste 1600 Houston, TX 77002		Pace Analytical* National Center for Testing & Innovation 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859										 L# 1438373 B116											
Report to: Kathleen Buxton		Email To: kathleen.buxton@entechservice.com, cjbrant@paalp.com		Pres Chk PAHSM/LVI 40ml/Amb-NoPres-WT V8260BTEX 40ml/Amb-HCI										Acctnum: PLAINSENT Template: T94127 Prelogin: P707774 TSR: 134 - Mark W. Beasley PB:											
Project Description: DS Hugh		City/State Collected:												Lab Project # PLAINSENT-DSHUGH		P.O. #		Quote #		Date Results Needed		No. of Cntrs		Shipped Via:	
Phone: 979-997-2338 Fax:		Client Project # PAA12003												Site/Facility ID # SRS - 2000-10807		Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day		Immediately Packed on Ice N ☐ Y ☒							
Collected by (print): Greg Flores		Collected by (signature):																							
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time											Remarks	Sample # (lab only)								
MW 2		GW		12.2.21	2:30	2											-01								
MW 3		GW			2:40	1											-02								
MW 4		GW			3:20	1											-03								
MW 5		GW			2:50	1											-04								
MW 6		GW			3:00	1											-05								
MW 7		GW			3:10	1											-06								
Rw 1		GW			3:30	1											-07								
Rw 2					3:40	1											-08								
Pup-01						1											-09								
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other		Remarks:		pH _____ Temp _____ Flow _____ Other _____										Sample Receipt Checklist COC Seal Present/Intact: ☒ Y ☐ N COC Signed/Accurate: ☒ Y ☐ N Bottles arrive intact: ☒ Y ☐ N Correct bottles used: ☒ Y ☐ N Sufficient volume sent: ☒ Y ☐ N If Applicable VOA Zero Headspace: ☒ Y ☐ N Preservation Correct/Checked: ☐ Y ☐ N											
Samples returned via: ☐ UPS ☐ FedEx ☐ Courier		Tracking #																							
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes/No HCL / MeOH TBR										Bottles Received: 18 If preservation required by Login: Date/Time											
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 0.7 0.7+0.7										Date: 12/4/21 Time: 930 Hold:											
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12/4/21 Time: 930										Conditions: NCF 10											

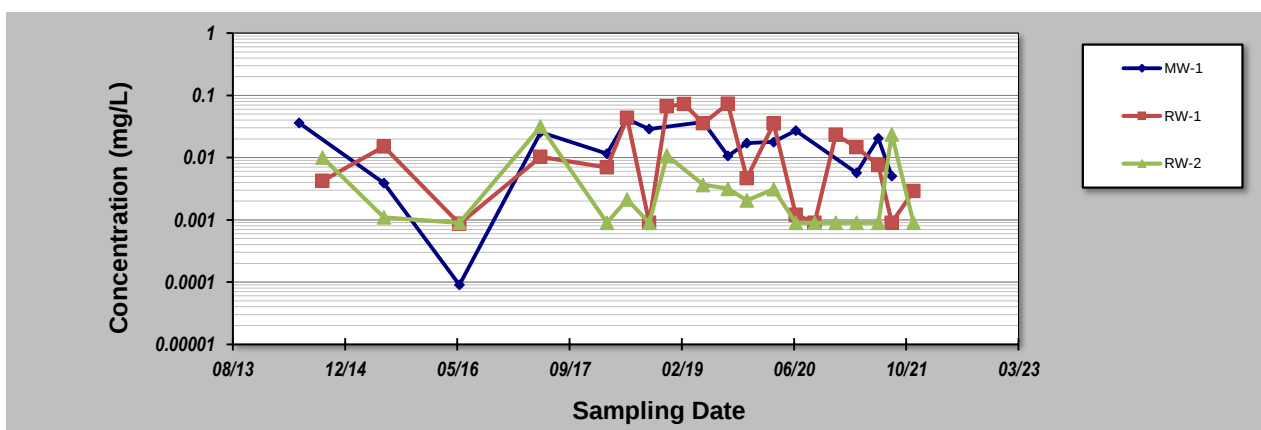
Appendix B

Mann-Kendall Trend Test

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: **14-Jan-22** Job ID: **PAA12003**
 Facility Name: **Plains - DS Hugh Site** Constituent: **Benzene**
 Conducted By: **PVS** Concentration Units: **mg/L**

Sampling Point ID:		MW-1	RW-1	RW-2			
Sampling Event	Sampling Date	BENZENE CONCENTRATION (mg/L)					
1	6-Jun-14	0.036					
2	18-Sep-14		0.0042	0.01			
3	18-Jun-15	0.0039	0.015	0.0011			
4	20-May-16	0.0009	0.000863	0.0009			
5	16-May-17	0.0254	0.0103	0.0316			
6	8-Mar-18	0.0115	0.00696	0.0009			
7	6-Jun-18	0.0414	0.0435	0.00213			
8	12-Sep-18	0.0288	0.0009	0.0009			
9	30-Nov-18		0.067	0.0108			
10	14-Feb-19		0.0728				
11	10-May-19	0.0372	0.0354	0.00364			
12	28-Aug-19	0.0106	0.0734	0.00316			
13	20-Nov-19	0.0171	0.00465	0.00205			
14	19-Mar-20	0.0178	0.0351	0.00311			
15	26-Jun-20	0.0272	0.0012	0.0009			
16	18-Sep-20		0.0009	0.0009			
17	21-Dec-20		0.0232	0.0009			
18	24-Mar-21	0.00568	0.0147	0.0009			
19	29-Jun-21	0.0205	0.00756	0.0009			
20	27-Aug-21	0.00504	0.0009	0.0234			
21	2-Dec-21		0.00290	0.0009			
22							
23							
24							
25							
Coefficient of Variation:		0.68	1.19	1.63			
Mann-Kendall Statistic (S):		-9	-17	-39			
Confidence Factor:		65.1%	69.6%	90.7%			
Concentration Trend:		Stable	No Trend	Prob. Decreasing			



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
- Nondetectable concentrations listed as 0.0009 mg/L (i.e., <0.001 mg/L) and indicated in italicized bold red values.
- All concentrations in milligrams per liter (mg/L)

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI Environmental Inc., www.gsi-net.com

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	12/21/05	3389.00	59.82	ND	46.22	ND	NA	NA	NA	3342.78	Sampled, Installed Sock
MW-1	12/29/05	3389.00	NG	ND	46.16	ND	NA	NA	NA	3342.84	New Sock
MW-1	01/05/06	3389.00	NG	ND	46.26	ND	NA	NA	NA	3342.74	Sock
MW-1	02/09/06	3389.00	NG	ND	45.05	ND	NA	NA	NA	3343.95	Sock
MW-1	02/22/06	3389.00	NG	ND	46.00	ND	NA	NA	NA	3343.00	Sock
MW-1	03/28/06	3389.00	NG	ND	45.94	ND	NA	NA	NA	3343.06	Sampled, Flipped Sock
MW-1	04/13/06	3389.00	NG	ND	45.98	ND	NA	NA	NA	3343.02	Sock
MW-1	04/25/06	3389.00	NG	ND	45.93	ND	NA	NA	NA	3343.07	Sock
MW-1	05/03/06	3389.00	NG	ND	45.88	ND	NA	NA	NA	3343.12	Sock
MW-1	05/11/06	3389.00	NG	ND	45.90	ND	NA	NA	NA	3343.10	Sock
MW-1	05/24/06	3389.00	NG	ND	45.91	ND	NA	NA	NA	3343.09	Sock
MW-1	06/07/06	3389.00	NG	ND	45.97	ND		0.00	5.00	3343.03	Sock
MW-1	06/07/06	3389.00	NG	ND	46.10	ND	NA	NA	NA	3342.90	Sock
MW-1	06/15/06	3389.00	NG	ND	45.92	ND	NA	NA	NA	3343.08	Sampled, Sock
MW-1	06/29/06	3389.00	NG	ND	46.05	ND		0.10	0.00	3342.95	Sock
MW-1	07/11/06	3389.00	NG	ND	46.06	ND		0.10	0.00	3342.94	Sock
MW-1	07/25/06	3389.00	NG	ND	46.11	ND		0.10	0.00	3342.89	Sock
MW-1	08/09/06	3389.00	59.35	ND	46.22	ND	NA	NA	NA	3342.78	Sock
MW-1	08/22/06	3389.00	NG	ND	46.30	ND	Hand Bailed	0.10	9.90	3342.70	
MW-1	08/22/06	3389.00	NG	ND	46.58	ND		NA	NA	3342.42	New Sock
MW-1	09/12/06	3389.00	59.55	46.27	46.57	0.30	NA	NA	NA	3342.69	Sampled, New
MW-1	09/19/06	3389.00	NG	46.36	46.50	0.14	Hand Bailed	0.10	9.90	3342.62	
MW-1	09/19/06	3389.00	NG	ND	46.73	ND	NA	NA	NA	3342.27	New Sock
MW-1	10/03/06	3389.00	NG	ND	46.32	ND	NA	NA	NA	3342.68	
MW-1	10/03/06	3389.00	NG	ND	46.48	ND		0.00	10.00	3342.52	Sock
MW-1	10/17/06	3389.00	NG	ND	46.34	ND	NA	NA	NA	3342.66	Removed Sock
MW-1	10/31/06	3389.00	NG	ND	45.93	ND	NA	NA	NA	3343.07	New Sock
MW-1	11/15/06	3389.00	NG	45.73	45.98	0.25	Hand Bailed	0.50	9.50	3343.23	
MW-1	11/15/06	3389.00	NG	ND	45.98	ND	NA	NA	NA	3343.02	New Sock
MW-1	12/06/06	3389.00	NG	44.55	44.80	0.25	NA	NA	NA	3344.41	New Sock
MW-1	12/13/06	3389.00	NG	44.51	44.86	0.35	Hand Bailed	0.50	4.50	3344.44	
MW-1	12/13/06	3389.00	NG	ND	45.22	ND	NA	NA	NA	3343.78	
MW-1	01/03/07	3389.00	NG	45.53	45.60	0.07		0.00	5.00	3343.46	New Sock
MW-1	01/09/07	3389.00	NG	ND	45.64	ND	Hand Bailed	0.25	9.50	3343.36	
MW-1	01/09/07	3389.00	NG	ND	46.18	ND	NA	NA	NA	3342.82	Sock
MW-1	01/18/07	3389.00	NG	45.50	45.75	0.25	Hand Bailed	0.25	8.50	3343.46	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	01/18/07	3389.00	NG	ND	45.72	ND	NA	NA	NA	3343.28	Removed Sock
MW-1	01/25/07	3389.00	NG	45.42	45.62	0.20	Hand Bailed	0.25	9.50	3343.55	
MW-1	01/25/07	3389.00	NG	45.63	45.65	0.02	NA	NA	NA	3343.37	
MW-1	01/31/07	3389.00	NG	45.35	45.50	0.15	Hand Bailed	0.10	9.90	3343.63	
MW-1	01/31/07	3389.00	NG	ND	45.70	ND	NA	NA	NA	3343.30	
MW-1	02/07/07	3389.00	NG	45.40	45.54	0.14	Hand Bailed	0.10	9.50	3343.58	
MW-1	02/07/07	3389.00	NG	ND	45.59	ND	NA	NA	NA	3343.41	Installed Sock
MW-1	02/14/07	3389.00	NG	ND	45.61	ND	Hand Bailed	0.10	9.90	3343.39	
MW-1	02/14/07	3389.00	NG	ND	45.61	ND	NA	NA	NA	3343.39	Flipped Sock
MW-1	02/21/07	3389.00	NG	ND	45.58	ND	Hand Bailed	0.10	9.90	3343.42	
MW-1	02/21/07	3389.00	NG	ND	45.60	ND	NA	NA	NA	3343.40	Sock
MW-1	03/07/07	3389.00	NG	45.41	45.56	0.15	Hand Bailed	0.25	10.00	3343.57	
MW-1	03/07/07	3389.00	NG	45.53	45.55	0.02	NA	NA	NA	3343.47	New Sock
MW-1	03/14/07	3389.00	NG	ND	45.40	ND	Hand Bailed	0.10	9.90	3343.60	
MW-1	03/14/07	3389.00	NG	ND	45.58	ND	NA	NA	NA	3343.42	New Sock
MW-1	03/21/07	3389.00	NG	ND	45.38	ND	Hand Bailed	0.10	9.90	3343.62	
MW-1	03/21/07	3389.00	NG	ND	45.50	ND	NA	NA	NA	3343.50	Sock
MW-1	03/28/07	3389.00	NG	ND	45.38	ND	Hand Bailed	0.10	9.90	3343.62	
MW-1	03/28/07	3389.00	NG	ND	45.42	ND	NA	NA	NA	3343.58	Sock
MW-1	04/10/07	3389.00	NG	ND	45.46	ND	Hand Bailed	0.10	9.90	3343.54	
MW-1	04/10/07	3389.00	NG	ND	45.50	ND	NA	NA	NA	3343.50	Sock
MW-1	04/18/07	3389.00	NG	ND	45.35	ND	Hand Bailed	0.10	9.90	3343.65	
MW-1	04/18/07	3389.00	NG	ND	45.50	ND	NA	NA	NA	3343.50	Sock
MW-1	04/24/07	3389.00	NG	ND	45.38	ND	Hand Bailed	0.10	9.90	3343.62	
MW-1	04/24/07	3389.00	NG	ND	45.43	ND	NA	NA	NA	3343.57	Sock
MW-1	05/03/07	3389.00	NG	ND	45.30	ND	Hand Bailed	0.10	9.90	3343.70	
MW-1	05/03/07	3389.00	NG	ND	45.45	ND	NA	NA	NA	3343.55	Flipped Sock
MW-1	05/11/07	3389.00	NG	ND	45.40	ND	Hand Bailed	0.10	9.90	3343.60	
MW-1	05/11/07	3389.00	NG	ND	45.75	ND	NA	NA	NA	3343.25	Removed Sock
MW-1	05/16/07	3389.00	NG	45.36	45.37	0.01	Hand Bailed	0.10	9.90	3343.64	
MW-1	05/16/07	3389.00	NG	ND	45.71	ND	NA	NA	NA	3343.29	Installed Sock
MW-1	05/23/07	3389.00	NG	ND	45.32	ND	Hand Bailed	0.10	9.90	3343.68	
MW-1	05/23/07	3389.00	NG	ND	45.51	ND	NA	NA	NA	3343.49	Sock
MW-1	05/31/07	3389.00	59.00	ND	45.28	ND	NA	NA	NA	3343.72	New Sock
MW-1	06/06/07	3389.00	59.00	ND	45.25	ND	Hand Bailed	0.10	9.90	3343.75	
MW-1	06/06/07	3389.00	59.00	ND	45.50	ND	NA	NA	NA	3343.50	Sock
MW-1	07/05/07	3389.00	58.50	ND	45.35	ND	Hand Bailed	0.10	9.90	3343.65	
MW-1	07/05/07	3389.00	58.50	ND	45.65	ND	NA	NA	NA	3343.35	New Sock

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								PSH	H ₂ O		
MW-1	07/11/07	3389.00	58.50	ND	45.37	ND	Hand Bailed	0.10	9.90	3343.63	
MW-1	07/11/07	3389.00	58.50	ND	45.61	ND	NA	NA	NA	3343.39	Sock
MW-1	07/19/07	3389.00	58.50	ND	45.40	ND	Hand Bailed	0.10	9.90	3343.60	
MW-1	07/19/07	3389.00	58.50	ND	45.86	ND	NA	NA	NA	3343.14	Sock
MW-1	07/24/07	3389.00	58.50	ND	45.47	ND	Hand Bailed	0.10	9.90	3343.53	
MW-1	07/24/07	3389.00	58.50	ND	45.91	ND	NA	NA	NA	3343.09	Sock
MW-1	07/31/07	3389.00	58.51	ND	45.50	ND	Hand Bailed	0.10	9.90	3343.50	
MW-1	07/31/07	3389.00	58.51	ND	45.99	ND	NA	NA	NA	3343.01	Sock
MW-1	08/09/07	3389.00	58.51	ND	45.42	ND	Hand Bailed	0.10	9.90	3343.58	
MW-1	08/09/07	3389.00	58.51	ND	45.91	ND	NA	NA	NA	3343.09	New Sock
MW-1	08/16/07	3389.00	58.51	ND	45.41	ND	Hand Bailed	0.10	9.90	3343.59	
MW-1	08/16/07	3389.00	58.51	ND	45.86	ND	NA	NA	NA	3343.14	Sock
MW-1	08/22/07	3389.00	58.51	ND	45.31	ND	Hand Bailed	0.10	9.90	3343.69	
MW-1	08/22/07	3389.00	58.51	ND	45.75	ND	NA	NA	NA	3343.25	Sock
MW-1	08/28/07	3389.00	58.51	45.44	45.49	0.05	Hand Bailed	0.10	9.90	3343.55	
MW-1	08/28/07	3389.00	58.51	ND	45.75	ND	NA	NA	NA	3343.25	Sock
MW-1	09/07/07	3389.00	58.55	ND	45.54	ND	NA	NA	NA	3343.46	
MW-1	09/13/07	3389.00	58.55	ND	45.62	ND	Hand Bailed	0.10	9.90	3343.38	
MW-1	09/13/07	3389.00	58.55	ND	45.98	ND	NA	NA	NA	3343.02	Sock
MW-1	09/18/07	3389.00	58.55	ND	45.50	ND	Hand Bailed	0.10	9.90	3343.50	
MW-1	09/18/07	3389.00	58.55	ND	45.72	ND	NA	NA	NA	3343.28	Sock
MW-1	09/26/07	3389.00	58.55	ND	45.51	ND	Hand Bailed	0.10	9.90	3343.49	
MW-1	09/26/07	3389.00	58.55	ND	45.76	ND	NA	NA	NA	3343.24	Sock
MW-1	10/04/07	3389.00	58.55	ND	46.00	ND	Hand Bailed	0.10	8.90	3343.00	
MW-1	10/04/07	3389.00	58.55	ND	46.33	ND	NA	NA	NA	3342.67	Sock
MW-1	10/10/07	3389.00	58.55	ND	46.14	ND	Hand Bailed	0.10	8.90	3342.86	
MW-1	10/10/07	3389.00	58.55	ND	46.44	ND	NA	NA	NA	3342.56	Sock
MW-1	10/17/07	3389.00	58.55	ND	46.15	ND	Hand Bailed	0.10	8.90	3342.85	
MW-1	10/17/07	3389.00	58.55	ND	46.32	ND	NA	NA	NA	3342.68	Sock
MW-1	10/24/07	3389.00	58.55	47.35	47.68	0.33	Hand Bailed	0.10	39.90	3341.60	
MW-1	10/24/07	3389.00	58.55	46.65	46.80	0.15	NA	NA	NA	3342.33	New Sock
MW-1	10/31/07	3389.00	58.55	45.52	45.98	0.46	Hand Bailed	0.50	10.00	3343.41	
MW-1	10/31/07	3389.00	58.55	ND	46.23	ND	NA	NA	NA	3342.77	New Sock
MW-1	11/07/07	3389.00	58.55	45.63	46.02	0.39	Hand Bailed	0.50	9.00	3343.31	
MW-1	11/07/07	3389.00	58.55	46.10	46.14	0.04	NA	NA	NA	3342.89	Sock
MW-1	11/13/07	3389.00	58.55	45.50	45.96	0.46	NA	NA	NA	3343.43	Sock
MW-1	11/20/07	3389.00	58.55	45.50	45.96	0.46	NA	NA	NA	3343.43	Sock
MW-1	11/20/07	3389.00	58.55	46.17	46.18	0.01	NA	NA	NA	3342.83	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	11/27/07	3389.00	58.55	45.90	45.98	0.08	Hand Bailed	0.10	9.00	3343.09	
MW-1	11/27/07	3389.00	58.55	ND	46.10	ND	NA	NA	NA	3342.90	Sock
MW-1	12/05/07	3389.00	58.55	45.50	45.60	0.10	Hand Bailed	0.10	9.00	3343.49	
MW-1	12/05/07	3389.00	58.55	ND	46.15	ND	NA	NA	NA	3342.85	New Sock
MW-1	12/12/07	3389.00	58.55	ND	45.58	ND	Hand Bailed	0.10	8.90	3343.42	
MW-1	12/12/07	3389.00	58.55	ND	46.00	ND	NA	NA	NA	3343.00	Sock
MW-1	12/18/07	3389.00	58.55	45.50	45.63	0.13	Hand Bailed	0.20	9.00	3343.48	
MW-1	12/18/07	3389.00	58.55	ND	46.22	ND	NA	NA	NA	3342.78	New Sock
MW-1	12/28/07	3389.00	58.55	ND	45.62	ND	Hand Bailed	0.10	8.90	3343.38	
MW-1	12/28/07	3389.00	58.55	ND	45.98	ND	NA	NA	NA	3343.02	New Sock
MW-1	01/09/08	3389.00	58.55	45.55	45.70	0.15	NA	NA	NA	3343.43	New Sock
MW-1	01/17/08	3389.00	58.55	45.42	45.92	0.50	Hand Bailed	0.50	19.50	3343.51	
MW-1	01/17/08	3389.00	58.55	ND	45.60	ND	NA	NA	NA	3343.40	New Sock
MW-1	01/23/08	3389.00	58.55	45.50	45.65	0.15	Hand Bailed	0.25	9.00	3343.48	
MW-1	01/23/08	3389.00	58.55	ND	45.75	ND	NA	NA	NA	3343.25	New Sock
MW-1	01/30/08	3389.00	58.55	45.53	45.55	0.02	Hand Bailed	0.10	19.90	3343.47	
MW-1	01/30/08	3389.00	58.55	ND	46.46	ND	NA	NA	NA	3342.54	Sock
MW-1	02/06/08	3389.00	58.55	ND	45.60	ND	Hand Bailed	0.10	19.90	3343.40	
MW-1	02/06/08	3389.00	58.55	ND	46.25	ND	NA	NA	NA	3342.75	Sock
MW-1	02/13/08	3389.00	58.55	45.46	45.55	0.09	Hand Bailed	0.10	19.90	3343.53	
MW-1	02/13/08	3389.00	58.55	ND	46.21	ND	NA	NA	NA	3342.79	New Sock
MW-1	02/19/08	3389.00	58.55	45.50	45.53	0.03	Hand Bailed	0.10	19.90	3343.50	
MW-1	02/19/08	3389.00	58.55	ND	46.43	ND	NA	NA	NA	3342.57	Flipped Sock
MW-1	02/27/08	3389.00	58.55	45.49	45.59	0.10	Hand Bailed	0.10	19.90	3343.50	
MW-1	02/27/08	3389.00	58.55	ND	46.15	ND	NA	NA	NA	3342.85	New Sock
MW-1	03/04/08	3389.00	58.55	ND	45.50	ND	Pumped	0.10	19.90	3343.50	
MW-1	03/04/08	3389.00	58.55	ND	46.70	ND	NA	NA	NA	3342.30	New Sock
MW-1	03/12/08	3389.00	58.55	45.45	45.48	0.03	Pumped	0.10	19.90	3343.55	
MW-1	03/12/08	3389.00	58.55	ND	46.70	ND	NA	NA	NA	3342.30	New Sock
MW-1	03/19/08	3389.00	58.55	45.49	45.50	0.01	Pumped	0.10	19.90	3343.51	
MW-1	03/19/08	3389.00	58.55	ND	46.67	ND	NA	NA	NA	3342.33	New Sock
MW-1	03/26/08	3389.00	58.55	45.49	45.50	0.01	Pumped	0.10	19.90	3343.51	
MW-1	03/26/08	3389.00	58.55	ND	46.42	ND	NA	NA	NA	3342.58	Flipped Sock
MW-1	04/02/08	3389.00	58.55	45.45	45.46	0.01	Hand Bailed	0.10	19.90	3343.55	
MW-1	04/02/08	3389.00	58.55	ND	46.32	ND	NA	NA	NA	3342.68	Sock
MW-1	04/09/08	3389.00	58.55	ND	45.48	ND	Pumped	0.10	19.90	3343.52	
MW-1	04/09/08	3389.00	58.55	ND	45.50	ND	NA	NA	NA	3343.50	Sock
MW-1	04/16/08	3389.00	58.55	ND	45.41	ND	Pumped	0.10	19.90	3343.59	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	04/16/08	3389.00	58.55	ND	45.66	ND	NA	NA	NA	3343.34	Sock
MW-1	04/24/08	3389.00	58.55	ND	45.34	ND	Pumped	0.10	19.90	3343.66	
MW-1	04/24/08	3389.00	58.55	ND	46.00	ND	NA	NA	NA	3343.00	New Sock
MW-1	04/30/08	3389.00	58.55	ND	45.38	ND	Pumped	0.10	19.90	3343.62	
MW-1	04/30/08	3389.00	58.55	ND	45.96	ND	NA	NA	NA	3343.04	Flipped Sock
MW-1	05/07/08	3389.00	58.55	ND	45.43	ND	Pumped	0.10	19.90	3343.57	
MW-1	05/07/08	3389.00	58.55	ND	45.86	ND	NA	NA	NA	3343.14	Sock
MW-1	05/14/08	3389.00	58.55	45.46	45.48	0.02	Pumped	0.10	19.90	3343.54	
MW-1	05/14/08	3389.00	58.55	ND	46.00	ND	NA	NA	NA	3343.00	Sock
MW-1	05/22/08	3389.00	58.55	ND	45.42	ND	Pumped	0.10	25.90	3343.58	
MW-1	05/22/08	3389.00	58.55	ND	47.10	ND	NA	NA	NA	3341.90	Sampled, New
MW-1	05/29/08	3389.00	58.55	ND	45.41	ND	Pumped	0.10	19.90	3343.59	
MW-1	05/29/08	3389.00	58.55	ND	45.96	ND	NA	NA	NA	3343.04	Sock
MW-1	06/04/08	3389.00	58.55	ND	45.43	ND	Pumped	0.10	19.90	3343.57	
MW-1	06/04/08	3389.00	58.55	ND	46.02	ND	NA	NA	NA	3342.98	Sock
MW-1	06/11/08	3389.00	58.55	ND	45.48	ND	Pumped	0.10	19.90	3343.52	
MW-1	06/11/08	3389.00	58.55	ND	45.99	ND	NA	NA	NA	3343.01	Sock
MW-1	06/18/08	3389.00	58.55	ND	45.52	ND	Pumped	0.10	19.90	3343.48	
MW-1	06/18/08	3389.00	58.55	ND	46.08	ND	NA	NA	NA	3342.92	Sock
MW-1	06/26/08	3389.00	58.55	ND	46.12	ND	Hand Bailed	0.00	10.00	3342.88	
MW-1	06/26/08	3389.00	58.55	ND	47.12	ND	NA	NA	NA	3341.88	Sock
MW-1	07/07/08	3389.00	58.55	ND	46.00	ND	Pumped	0.10	19.90	3343.00	
MW-1	07/07/08	3389.00	58.55	ND	46.12	ND	NA	NA	NA	3342.88	New Sock
MW-1	07/16/08	3389.00	58.55	45.51	45.56	0.05	Pumped	0.10	19.90	3343.48	
MW-1	07/16/08	3389.00	58.55	ND	46.21	ND	NA	NA	NA	3342.79	Sock
MW-1	07/21/08	3389.00	58.55	45.36	45.60	0.24	Pumped	0.10	19.90	3343.60	
MW-1	07/21/08	3389.00	58.55	ND	46.18	ND	NA	NA	NA	3342.82	Sock
MW-1	07/29/08	3389.00	58.55	45.59	45.63	0.04	Pumped	0.10	19.90	3343.40	
MW-1	07/29/08	3389.00	58.55	ND	46.28	ND	NA	NA	NA	3342.72	Sock
MW-1	08/06/08	3389.00	58.55	45.50	45.66	0.16	NA	NA	NA	3343.48	New Sock
MW-1	08/13/08	3389.00	58.55	45.53	45.60	0.07	Pumped	0.10	19.90	3343.46	
MW-1	08/13/08	3389.00	58.55	ND	46.36	ND	NA	NA	NA	3342.64	Sock
MW-1	08/20/08	3389.00	58.55	45.50	45.88	0.38	NA	NA	NA	3343.44	Sock
MW-1	08/27/08	3389.00	58.55	45.58	45.99	0.41	Pumped	0.00	20.00	3343.36	
MW-1	08/27/08	3389.00	58.55	ND	46.32	ND	NA	NA	NA	3342.68	Sock
MW-1	09/02/08	3389.00	58.55	45.68	45.79	0.11	Pumped	0.00	20.00	3343.30	
MW-1	09/02/08	3389.00	58.55	ND	46.21	ND	NA	NA	NA	3342.79	Sock
MW-1	09/09/08	3389.00	58.55	45.73	45.85	0.12	Pumped	0.00	20.00	3343.25	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	09/09/08	3389.00	58.55	ND	46.42	ND	NA	NA	NA	3342.58	Sock
MW-1	09/17/08	3389.00	58.55	45.73	46.18	0.45	Pumped	0.50	19.50	3343.20	
MW-1	09/17/08	3389.00	58.55	ND	46.45	ND	NA	NA	NA	3342.55	Sock
MW-1	09/24/08	3389.00	58.55	45.73	46.50	0.77	Pumped	0.50	19.50	3343.15	
MW-1	09/24/08	3389.00	58.55	ND	46.50	ND	NA	NA	NA	3342.50	Sock
MW-1	10/01/08	3389.00	58.55	45.80	46.67	0.87	Pumped	1.00	19.00	3343.07	
MW-1	10/01/08	3389.00	58.55	ND	46.50	ND	NA	NA	NA	3342.50	Sock
MW-1	10/08/08	3389.00	58.55	45.60	46.52	0.92	Pumped	1.00	19.00	3343.26	
MW-1	10/08/08	3389.00	58.55	ND	46.85	ND	NA	NA	NA	3342.15	Sock
MW-1	11/05/08	3389.00	58.55	45.80	45.93	0.13	Pumped	0.50	19.50	3343.18	
MW-1	11/05/08	3389.00	58.55	ND	46.21	ND	NA	NA	NA	3342.79	Sock
MW-1	11/12/08	3389.00	58.55	45.73	45.97	0.24	Pumped	0.50	9.50	3343.23	
MW-1	11/12/08	3389.00	58.55	45.76	45.81	0.05	NA	NA	NA	3343.23	Sock
MW-1	11/19/08	3389.00	58.55	45.70	46.25	0.55	NA	NA	NA	3343.22	Sock
MW-1	11/26/08	3389.00	58.55	45.79	45.89	0.10	Pumped	0.25	13.75	3343.20	
MW-1	11/26/08	3389.00	58.55	45.79	45.84	0.05	NA	NA	NA	3343.20	Sock
MW-1	12/03/08	3389.00	58.55	45.85	45.95	0.10	Pumped	0.25	11.75	3343.14	
MW-1	12/03/08	3389.00	58.55	ND	45.87	ND	NA	NA	NA	3343.13	Sock
MW-1	12/10/08	3389.00	58.55	ND	45.88	ND	NA	NA	NA	3343.12	Sock
MW-1	12/17/08	3389.00	58.55	ND	45.84	ND	NA	NA	NA	3343.16	Sock
MW-1	12/17/08	3389.00	58.55	ND	45.92	ND		0.00	10.00	3343.08	Sock
MW-1	12/21/08	3389.00	58.55	45.86	46.03	0.17		0.50	29.50	3343.11	Sock
MW-1	12/21/08	3389.00	58.55	ND	45.65	ND	NA	NA	NA	3343.35	Sock
MW-1	12/31/08	3389.00	58.55	45.87	45.97	0.10		0.25	9.75	3343.12	Sock
MW-1	12/31/08	3389.00	58.55	ND	45.89	ND	NA	NA	NA	3343.11	Sock
MW-1	01/07/09	3389.00	58.68	45.80	45.82	0.02		0.25	9.75	3343.20	Sock
MW-1	01/07/09	3389.00	58.68	45.78	45.79	0.01	NA	NA	NA	3343.22	Sock
MW-1	01/15/09	3389.00	58.68	45.79	45.89	0.10	Hand Bailed	0.50	9.50	3343.20	
MW-1	01/15/09	3389.00	58.68	45.83	45.84	0.01	NA	NA	NA	3343.17	
MW-1	01/22/09	3389.00	58.68	45.67	46.03	0.36	Hand Bailed	1.00	13.00	3343.28	
MW-1	01/22/09	3389.00	58.68	ND	45.74	ND	NA	NA	NA	3343.26	Installed Sock
MW-1	01/28/09	3389.00	58.68	45.67	45.81	0.14	Pumped	0.50	14.50	3343.31	
MW-1	01/28/09	3389.00	58.68	ND	45.70	ND	NA	NA	NA	3343.30	
MW-1	02/04/09	3389.00	58.77	45.69	45.74	0.05	Pumped	0.25	19.75	3343.30	
MW-1	02/04/09	3389.00	58.77	ND	45.69	ND	NA	NA	NA	3343.31	
MW-1	02/11/09	3389.00	58.77	45.63	45.67	0.04	Pumped	0.25	21.75	3343.36	
MW-1	02/11/09	3389.00	58.77	ND	46.58	ND	NA	NA	NA	3342.42	
MW-1	02/17/09	3389.00	58.77	ND	45.59	ND	NA	NA	NA	3343.41	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	02/25/09	3389.00	58.77	45.57	45.60	0.03	Pumped	0.10	19.75	3343.43	
MW-1	02/25/09	3389.00	58.77	ND	45.67	ND	NA	NA	NA	3343.33	
MW-1	03/04/09	3389.00	58.77	45.58	45.60	0.02	Pumped	0.10	9.90	3343.42	
MW-1	03/04/09	3389.00	58.77	ND	45.61	ND	NA	NA	NA	3343.39	
MW-1	03/11/09	3389.00	58.77	ND	45.67	ND	Pumped	0.00	10.00	3343.33	
MW-1	03/11/09	3389.00	58.77	ND	45.73	ND	NA	NA	NA	3343.27	
MW-1	03/18/09	3389.00	58.77	ND	45.63	ND	Pumped	0.00	10.00	3343.37	
MW-1	03/18/09	3389.00	58.77	ND	45.89	ND	NA	NA	NA	3343.11	
MW-1	03/25/09	3389.00	58.77	45.69	45.73	0.04	Pumped	0.25	14.75	3343.30	
MW-1	03/25/09	3389.00	58.77	ND	46.37	ND	NA	NA	NA	3342.63	
MW-1	04/01/09	3389.00	58.77	45.60	45.95	0.35	Pumped	0.25	9.75	3343.35	
MW-1	04/01/09	3389.00	58.77	ND	45.67	ND	NA	NA	NA	3343.33	
MW-1	04/08/09	3389.00	58.77	45.65	45.75	0.10	Pumped	0.10	16.90	3343.34	
MW-1	04/08/09	3389.00	58.77	ND	45.72	ND	NA	NA	NA	3343.28	
MW-1	04/15/09	3389.00	58.77	45.69	45.71	0.02	Pumped	0.00	15.00	3343.31	
MW-1	04/15/09	3389.00	58.77	ND	45.88	ND	NA	NA	NA	3343.12	
MW-1	04/22/09	3389.00	58.77	ND	45.72	ND	Pumped	0.00	15.00	3343.28	
MW-1	04/22/09	3389.00	58.77	ND	45.72	ND	NA	NA	NA	3343.28	
MW-1	04/29/09	3389.00	58.77	45.78	45.82	0.04	Pumped	0.10	14.90	3343.21	
MW-1	04/29/09	3389.00	58.77	ND	46.44	ND	NA	NA	NA	3342.56	
MW-1	05/06/09	3389.00	58.77	45.82	46.02	0.20	Pumped	0.50	15.00	3343.15	
MW-1	05/06/09	3389.00	58.77	ND	46.39	ND	NA	NA	NA	3342.61	
MW-1	05/14/09	3389.00	58.77	45.84	45.92	0.08	Pumped	0.10	19.90	3343.15	
MW-1	05/14/09	3389.00	58.77	ND	46.48	ND	NA	NA	NA	3342.52	
MW-1	05/19/09	3389.00	58.77	45.88	45.90	0.02	Pumped	0.10	29.90	3343.12	Sampled
MW-1	05/28/09	3389.00	58.77	ND	45.79	ND	Pumped	0.00	15.00	3343.21	
MW-1	05/28/09	3389.00	58.77	ND	46.13	ND	NA	NA	NA	3342.87	
MW-1	06/03/09	3389.00	58.77	45.88	45.93	0.05	Pumped	0.10	14.90	3343.11	
MW-1	06/03/09	3389.00	58.77	ND	45.92	ND	NA	NA	NA	3343.08	
MW-1	06/11/09	3389.00	58.77	ND	45.93	ND	Pumped	0.00	10.00	3343.07	
MW-1	06/11/09	3389.00	58.77	ND	46.15	ND	NA	NA	NA	3342.85	
MW-1	06/17/09	3389.00	58.77	46.00	46.05	0.05	Pumped	0.00	15.00	3342.99	
MW-1	06/17/09	3389.00	58.77	ND	46.62	ND	NA	NA	NA	3342.38	
MW-1	06/23/09	3389.00	58.77	ND	45.96	ND	Pumped	0.00	20.00	3343.04	New Sock
MW-1	06/23/09	3389.00	58.77	ND	46.85	ND	NA	NA	NA	3342.15	
MW-1	07/01/09	3389.00	58.77	45.91	46.21	0.30	Pumped	0.25	19.75	3343.05	
MW-1	07/01/09	3389.00	58.77	ND	46.80	ND	NA	NA	NA	3342.20	
MW-1	07/07/09	3389.00	58.77	45.91	45.93	0.02	Pumped	0.25	14.75	3343.09	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	07/07/09	3389.00	58.77	ND	46.58	ND	NA	NA	NA	3342.42	
MW-1	07/15/09	3389.00	58.77	ND	45.88	ND	Pumped	0.00	20.00	3343.12	
MW-1	07/15/09	3389.00	58.77	ND	46.71	ND	NA	NA	NA	3342.29	
MW-1	07/29/09	3389.00	58.77	45.88	45.92	0.04	Pumped	0.25	19.75	3343.11	
MW-1	07/29/09	3389.00	58.77	ND	46.82	ND	NA	NA	NA	3342.18	
MW-1	08/05/09	3389.00	58.77	45.01	45.12	0.11	Pumped	0.25	19.75	3343.97	
MW-1	08/05/09	3389.00	58.77	ND	46.93	ND	NA	NA	NA	3342.07	New Sock
MW-1	08/12/09	3389.00	58.77	ND	45.75	ND	Pumped	0.00	20.00	3343.25	
MW-1	08/12/09	3389.00	58.77	ND	46.90	ND	NA	NA	NA	3342.10	Flipped Sock
MW-1	08/19/09	3389.00	58.77	45.74	45.80	0.06		0.10	19.90	3343.25	
MW-1	08/19/09	3389.00	58.77	ND	45.87	ND	NA	NA	NA	3343.13	
MW-1	08/26/09	3389.00	58.77	ND	45.65	ND	NA	NA	NA	3343.35	
MW-1	09/02/09	3389.00	58.77	45.81	45.95	0.14		0.25	19.75	3343.17	New sock
MW-1	09/02/09	3389.00	58.77	ND	45.91	ND	NA	NA	NA	3343.09	
MW-1	09/09/09	3389.00	58.77	45.80	45.85	0.05		0.25	19.75	3343.19	Flipped Sock
MW-1	09/09/09	3389.00	58.77	ND	45.98	ND	NA	NA	NA	3343.02	
MW-1	09/16/09	3389.00	58.77	ND	45.88	ND	Pumped	0.00	20.00	3343.12	
MW-1	09/16/09	3389.00	58.77	ND	46.63	ND	NA	NA	NA	3342.37	
MW-1	09/23/09	3389.00	58.77	ND	45.83	ND	Pumped	0.00	20.00	3343.17	Flipped Sock
MW-1	09/23/09	3389.00	58.77	ND	46.52	ND	NA	NA	NA	3342.48	
MW-1	09/30/09	3389.00	58.77	45.87	45.90	0.03	Pumped	0.00	10.00	3343.13	New Sock
MW-1	09/30/09	3389.00	58.77	ND	46.51	ND	NA	NA	NA	3342.49	
MW-1	09/30/09	3389.00	58.77	45.80	45.81	0.01		0.00	10.00	3343.20	
MW-1	09/30/09	3389.00	58.77	ND	46.73	ND	NA	NA	NA	3342.27	
MW-1	10/07/09	3389.00	58.77	ND	45.90	ND	Pumped	0.00	10.00	3343.10	Flipped Sock
MW-1	10/07/09	3389.00	58.77	ND	46.71	ND	NA	NA	NA	3342.29	
MW-1	10/07/09	3389.00	58.77	ND	45.87	ND		0.00	10.00	3343.13	
MW-1	10/07/09	3389.00	58.77	ND	46.76	ND	NA	NA	NA	3342.24	
MW-1	10/14/09	3389.00	58.77	45.80	45.82	0.02	Pumped	0.10	9.90	3343.20	New Sock
MW-1	10/14/09	3389.00	58.77	ND	46.23	ND	NA	NA	NA	3342.77	
MW-1	10/14/09	3389.00	58.77	45.75	45.76	0.01		0.10	9.90	3343.25	
MW-1	10/14/09	3389.00	58.77	ND	46.60	ND	NA	NA	NA	3342.40	
MW-1	10/21/09	3389.00	58.77	45.75	45.80	0.05		0.25	9.75	3343.24	
MW-1	10/21/09	3389.00	58.77	ND	46.35	ND	NA	NA	NA	3342.65	
MW-1	10/29/09	3389.00	58.77	45.73	46.03	0.30		0.25	45.00	3343.23	
MW-1	10/29/09	3389.00	58.77	ND	46.20	ND	NA	NA	NA	3342.80	
MW-1	11/04/09	3389.00	58.77	45.74	45.99	0.25		0.25	20.00	3343.22	
MW-1	11/04/09	3389.00	58.77	ND	46.06	ND	NA	NA	NA	3342.94	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	11/04/09	3389.00	58.77	45.78	45.81	0.03		0.10	19.90	3343.22	
MW-1	11/04/09	3389.00	58.77	ND	46.10	ND	NA	NA	NA	3342.90	
MW-1	11/11/09	3389.00	58.77	45.72	46.04	0.32		0.25	19.75	3343.23	
MW-1	11/11/09	3389.00	58.77	ND	46.85	ND	NA	NA	NA	3342.15	
MW-1	11/11/09	3389.00	58.77	45.76	45.77	0.01		0.10	19.90	3343.24	
MW-1	11/11/09	3389.00	58.77	ND	46.34	ND	NA	NA	NA	3342.66	
MW-1	11/18/09	3389.00	58.77	45.68	45.99	0.31		0.25	19.75	3343.27	
MW-1	11/18/09	3389.00	58.77	ND	46.38	ND	NA	NA	NA	3342.62	
MW-1	11/25/09	3389.00	58.77	45.70	46.05	0.35		0.25	29.75	3343.25	
MW-1	11/25/09	3389.00	58.77	ND	46.33	ND	NA	NA	NA	3342.67	
MW-1	12/02/09	3389.00	58.77	45.68	46.03	0.35		0.25	34.75	3343.27	
MW-1	12/02/09	3389.00	58.77	ND	46.52	ND	NA	NA	NA	3342.48	
MW-1	12/09/09	3389.00	58.77	45.70	46.05	0.35		0.50	20.00	3343.25	
MW-1	12/09/09	3389.00	58.77	ND	46.49	ND	NA	NA	NA	3342.51	
MW-1	12/09/09	3389.00	58.77	45.77	45.79	0.02		0.10	29.90	3343.23	
MW-1	12/09/09	3389.00	58.77	ND	46.77	ND	NA	NA	NA	3342.23	
MW-1	12/16/09	3389.00	58.77	45.79	46.14	0.35		0.10	24.90	3343.16	
MW-1	12/16/09	3389.00	58.77	ND	46.52	ND	NA	NA	NA	3342.48	
MW-1	12/16/09	3389.00	58.77	45.80	45.81	0.01		0.10	24.90	3343.20	
MW-1	12/16/09	3389.00	58.77	ND	46.90	ND	NA	NA	NA	3342.10	
MW-1	12/23/09	3389.00	58.77	45.74	46.10	0.36		0.25	24.75	3343.21	
MW-1	12/23/09	3389.00	58.77	ND	46.29	ND	NA	NA	NA	3342.71	
MW-1	12/23/09	3389.00	58.77	45.76	45.77	0.01		0.10	24.90	3343.24	
MW-1	12/23/09	3389.00	58.77	ND	46.62	ND	NA	NA	NA	3342.38	
MW-1	12/30/09	3389.00	58.77	45.76	46.21	0.45		0.10	29.90	3343.17	
MW-1	12/30/09	3389.00	58.77	ND	46.43	ND	NA	NA	NA	3342.57	
MW-1	12/30/09	3389.00	58.77	45.76	46.02	0.26		0.10	19.90	3343.20	
MW-1	12/30/09	3389.00	58.77	ND	46.68	ND	NA	NA	NA	3342.32	
MW-1	01/06/10	3389.00	58.77	45.80	46.20	0.40		0.25	49.75	3343.14	
MW-1	01/06/10	3389.00	58.77	ND	46.84	ND	NA	NA	NA	3342.16	
MW-1	01/13/10	3389.00	58.77	45.91	46.21	0.30		0.10	49.90	3343.05	
MW-1	01/13/10	3389.00	58.77	ND	46.82	ND	NA	NA	NA	3342.18	
MW-1	01/20/10	3389.00	58.77	45.95	46.20	0.25		0.25	49.75	3343.01	
MW-1	01/20/10	3389.00	58.77	ND	46.52	ND	NA	NA	NA	3342.48	
MW-1	01/27/10	3389.00	58.77	46.04	46.22	0.18		0.10	49.90	3342.93	
MW-1	01/27/10	3389.00	58.77	ND	46.84	ND	NA	NA	NA	3342.16	
MW-1	02/09/10	3389.00	58.77	46.18	46.25	0.07		0.10	49.90	3342.81	
MW-1	02/09/10	3389.00	58.77	ND	46.90	ND	NA	NA	NA	3342.10	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	02/17/10	3389.00	58.77	46.16	46.20	0.04		0.10	49.90	3342.83	
MW-1	02/17/10	3389.00	58.77	ND	47.29	ND	NA	NA	NA	3341.71	
MW-1	03/02/10	3389.00	58.77	46.08	46.09	0.01		0.10	49.90	3342.92	
MW-1	03/02/10	3389.00	58.77	ND	46.74	ND	NA	NA	NA	3342.26	
MW-1	03/10/10	3389.00	58.77	46.17	46.19	0.02		0.10	39.90	3342.83	
MW-1	03/10/10	3389.00	58.77	ND	46.57	ND	NA	NA	NA	3342.43	
MW-1	03/17/10	3389.00	58.77	46.11	46.17	0.06		0.10	39.90	3342.88	
MW-1	03/17/10	3389.00	58.77	ND	46.69	ND	NA	NA	NA	3342.31	
MW-1	03/24/10	3389.00	58.77	46.10	46.22	0.12		0.10	39.90	3342.88	
MW-1	03/24/10	3389.00	58.77	ND	46.72	ND	NA	NA	NA	3342.28	
MW-1	03/31/10	3389.00	58.77	46.11	46.22	0.11		0.10	39.90	3342.87	
MW-1	03/31/10	3389.00	58.77	ND	46.54	ND	NA	NA	NA	3342.46	
MW-1	04/07/10	3389.00	58.77	46.15	46.25	0.10		0.10	39.90	3342.84	
MW-1	04/07/10	3389.00	58.77	ND	47.15	ND	NA	NA	NA	3341.85	
MW-1	04/14/10	3389.00	58.77	46.15	46.32	0.17		0.10	39.90	3342.82	
MW-1	04/14/10	3389.00	58.77	ND	47.20	ND	NA	NA	NA	3341.80	
MW-1	04/21/10	3389.00	58.77	46.12	46.26	0.14		0.10	39.90	3342.86	
MW-1	04/21/10	3389.00	58.77	ND	46.26	ND	NA	NA	NA	3342.74	
MW-1	04/28/10	3389.00	58.77	46.15	46.32	0.17		0.10	39.90	3342.82	
MW-1	04/28/10	3389.00	58.77	ND	46.51	ND	NA	NA	NA	3342.49	
MW-1	05/05/10	3389.00	58.77	46.20	46.37	0.17		0.10	9.90	3342.77	
MW-1	05/05/10	3389.00	58.77	ND	46.34	ND	NA	NA	NA	3342.66	
MW-1	05/12/10	3389.00	58.77	46.16	46.40	0.24	NA	NA	NA	3342.80	Sampled
MW-1	05/19/10	3389.00	58.77	46.20	46.39	0.19		0.10	24.90	3342.77	
MW-1	05/19/10	3389.00	58.77	ND	46.85	ND	NA	NA	NA	3342.15	
MW-1	05/29/10	3389.00	58.77	46.05	46.30	0.25		0.10	29.90	3342.91	
MW-1	05/29/10	3389.00	58.77	ND	46.43	ND	NA	NA	NA	3342.57	
MW-1	06/02/10	3389.00	58.77	46.00	46.19	0.19		0.10	19.90	3342.97	
MW-1	06/02/10	3389.00	58.77	ND	46.53	ND	NA	NA	NA	3342.47	
MW-1	06/12/10	3389.00	58.77	45.91	46.31	0.40		0.10	29.90	3343.03	
MW-1	06/12/10	3389.00	58.77	ND	46.90	ND	NA	NA	NA	3342.10	
MW-1	06/15/10	3389.00	58.77	45.88	46.10	0.22		0.25	39.75	3343.09	
MW-1	06/15/10	3389.00	58.77	ND	46.78	ND	NA	NA	NA	3342.22	
MW-1	06/25/10	3389.00	58.77	45.84	46.87	1.03		1.00	29.00	3343.01	
MW-1	06/25/10	3389.00	58.77	ND	46.81	ND	NA	NA	NA	3342.19	
MW-1	06/30/10	3389.00	58.77	45.85	46.22	0.37	NA	NA	NA	3343.09	
MW-1	07/07/10	3389.00	58.77	ND	45.78	ND		<0.25	20.00	3343.22	
MW-1	07/07/10	3389.00	58.77	ND	46.37	ND	NA	NA	NA	3342.63	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	07/14/10	3389.00	58.77	45.77	46.14	0.37		0.10	14.90	3343.17	
MW-1	07/14/10	3389.00	58.77	ND	46.61	ND	NA	NA	NA	3342.39	
MW-1	07/20/10	3389.00	58.77	45.88	46.36	0.48		<0.25	30.00	3343.05	
MW-1	07/20/10	3389.00	58.77	ND	47.08	ND	NA	NA	NA	3341.92	
MW-1	07/28/10	3389.00	58.77	45.97	46.44	0.47		<0.25	20.00	3342.96	
MW-1	07/28/10	3389.00	58.77	ND	46.65	ND	NA	NA	NA	3342.35	
MW-1	08/03/10	3389.00	58.77	46.02	46.30	0.28		<0.25	30.00	3342.94	
MW-1	08/03/10	3389.00	58.77	ND	46.53	ND	NA	NA	NA	3342.47	
MW-1	08/11/10	3389.00	58.77	46.09	46.30	0.21		<0.25	3.00	3342.88	
MW-1	08/17/10	3389.00	58.77	46.14	46.27	0.13		<0.25	30.00	3342.84	
MW-1	08/17/10	3389.00	58.77	ND	47.34	ND	NA	NA	NA	3341.66	
MW-1	08/25/10	3389.00	58.77	46.06	46.25	0.19		<0.25	30.00	3342.91	
MW-1	08/25/10	3389.00	58.77	ND	46.74	ND	NA	NA	NA	3342.26	
MW-1	09/01/10	3389.00	58.77	45.92	46.28	0.36		0.20	29.80	3343.03	
MW-1	09/01/10	3389.00	58.77	ND	47.10	ND	NA	NA	NA	3341.90	
MW-1	09/08/10	3389.00	58.77	46.09	46.39	0.30		0.20	29.80	3342.87	
MW-1	09/08/10	3389.00	58.77	ND	46.77	ND	NA	NA	NA	3342.23	
MW-1	09/15/10	3389.00	58.77	46.15	46.23	0.08		0.20	19.80	3342.84	
MW-1	09/15/10	3389.00	58.77	ND	46.76	ND	NA	NA	NA	3342.24	
MW-1	09/21/10	3389.00	58.77	46.09	46.33	0.24		0.20	19.80	3342.87	
MW-1	09/21/10	3389.00	58.77	ND	46.84	ND	NA	NA	NA	3342.16	
MW-1	10/01/10	3389.00	58.77	46.02	46.41	0.39		0.20	19.80	3342.92	
MW-1	10/01/10	3389.00	58.77	ND	46.79	ND	NA	NA	NA	3342.21	
MW-1	10/06/10	3389.00	58.77	45.99	46.21	0.22		0.20	19.80	3342.98	
MW-1	10/06/10	3389.00	58.77	ND	46.70	ND	NA	NA	NA	3342.30	
MW-1	10/13/10	3389.00	58.77	45.94	46.33	0.39		0.20	19.80	3343.00	
MW-1	10/13/10	3389.00	58.77	ND	46.90	ND	NA	NA	NA	3342.10	
MW-1	10/22/10	3389.00	58.77	46.02	46.46	0.44		0.20	19.80	3342.91	
MW-1	10/22/10	3389.00	58.77	ND	47.04	ND	NA	NA	NA	3341.96	
MW-1	10/27/10	3389.00	58.77	46.06	46.18	0.12		0.20	39.80	3342.92	
MW-1	10/27/10	3389.00	58.77	ND	46.27	ND	NA	NA	NA	3342.73	
MW-1	11/03/10	3389.00	58.77	46.14	46.32	0.18		0.20	29.80	3342.83	
MW-1	11/03/10	3389.00	58.77	ND	46.76	ND	NA	NA	NA	3342.24	
MW-1	11/10/10	3389.00	58.77	46.08	46.28	0.20		0.20	29.80	3342.89	
MW-1	11/10/10	3389.00	58.77	ND	46.84	ND	NA	NA	NA	3342.16	
MW-1	11/16/10	3389.00	58.77	46.18	46.35	0.17		0.20	29.80	3342.79	
MW-1	11/16/10	3389.00	58.77	ND	46.40	ND	NA	NA	NA	3342.60	
MW-1	11/23/10	3389.00	58.77	46.15	46.37	0.22		0.20	9.80	3342.82	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	11/23/10	3389.00	58.77	ND	46.76	ND	NA	NA	NA	3342.24	
MW-1	12/01/10	3389.00	58.77	46.17	46.40	0.23		0.20	19.80	3342.80	
MW-1	12/01/10	3389.00	58.77	ND	46.65	ND	NA	NA	NA	3342.35	
MW-1	12/08/10	3389.00	58.77	46.16	46.42	0.26		0.20	29.80	3342.80	
MW-1	12/08/10	3389.00	58.77	ND	47.14	ND	NA	NA	NA	3341.86	
MW-1	12/15/10	3389.00	58.77	46.14	46.34	0.20		0.20	29.80	3342.83	
MW-1	12/15/10	3389.00	58.77	ND	47.39	ND	NA	NA	NA	3341.61	
MW-1	12/21/10	3389.00	58.77	46.20	46.34	0.14		0.20	29.80	3342.78	
MW-1	12/21/10	3389.00	58.77	ND	46.92	ND	NA	NA	NA	3342.08	
MW-1	01/08/11	3389.00	58.77	46.10	46.50	0.40		0.20	19.80	3342.84	
MW-1	01/08/11	3389.00	58.77	ND	46.83	ND	NA	NA	NA	3342.17	
MW-1	01/12/11	3389.00	58.77	46.22	46.35	0.13	Hand Bailed	0.20	9.80	3342.76	
MW-1	01/12/11	3389.00	58.77	ND	46.79	ND	NA	NA	NA	3342.21	
MW-1	01/19/11	3389.00	58.77	46.13	46.44	0.31		<0.25	30.00	3342.82	
MW-1	01/19/11	3389.00	58.77	ND	46.82	ND	NA	NA	NA	3342.18	
MW-1	01/25/11	3389.00	58.77	46.18	46.39	0.21		<0.25	30.00	3342.79	
MW-1	01/25/11	3389.00	58.77	ND	46.58	ND	NA	NA	NA	3342.42	
MW-1	02/04/11	3389.00	58.77	46.28	46.43	0.15		0.20	29.80	3342.70	
MW-1	02/04/11	3389.00	58.77	ND	47.43	ND	NA	NA	NA	3341.57	
MW-1	02/08/11	3389.00	58.77	46.11	46.25	0.14		0.10	14.90	3342.87	
MW-1	02/08/11	3389.00	58.77	ND	47.26	ND	NA	NA	NA	3341.74	
MW-1	02/16/11	3389.00	58.77	46.05	46.37	0.32		0.10	34.90	3342.90	
MW-1	02/16/11	3389.00	58.77	ND	47.38	ND	NA	NA	NA	3341.62	
MW-1	02/24/11	3389.00	58.77	46.01	46.30	0.29		0.00	20.00	3342.95	
MW-1	02/24/11	3389.00	58.77	ND	46.18	ND	NA	NA	NA	3342.82	
MW-1	03/02/11	3389.00	58.77	46.05	46.30	0.25		0.10	19.90	3342.91	
MW-1	03/02/11	3389.00	58.77	ND	47.00	ND	NA	NA	NA	3342.00	
MW-1	03/08/11	3389.00	58.77	46.13	46.41	0.28		0.10	4.90	3342.83	
MW-1	03/08/11	3389.00	58.77	ND	46.41	ND	NA	NA	NA	3342.59	
MW-1	03/16/11	3389.00	58.77	46.18	46.56	0.38		0.10	4.90	3342.76	
MW-1	03/16/11	3389.00	58.77	ND	46.32	ND	NA	NA	NA	3342.68	
MW-1	03/23/11	3389.00	58.77	46.25	46.58	0.33		0.10	4.90	3342.70	
MW-1	03/23/11	3389.00	58.77	ND	46.40	ND	NA	NA	NA	3342.60	
MW-1	03/30/11	3389.00	58.77	46.28	46.64	0.36		0.10	29.90	3342.67	
MW-1	03/30/11	3389.00	58.77	ND	46.38	ND	NA	NA	NA	3342.62	
MW-1	04/08/11	3389.00	58.77	46.20	46.39	0.19	Hand Bailed	0.10	4.90	3342.77	
MW-1	04/08/11	3389.00	58.77	ND	46.40	ND	NA	NA	NA	3342.60	
MW-1	04/13/11	3389.00	58.77	46.19	46.42	0.23		0.10	9.90	3342.78	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	04/13/11	3389.00	58.77	ND	46.36	ND	NA	NA	NA	3342.64	
MW-1	04/20/11	3389.00	58.77	46.18	46.48	0.30		0.10	9.90	3342.78	
MW-1	04/20/11	3389.00	58.77	ND	46.45	ND	NA	NA	NA	3342.55	
MW-1	04/27/11	3389.00	58.77	46.23	46.62	0.39	Pumped	0.10	39.90	3342.71	
MW-1	04/27/11	3389.00	58.77	0.00	47.04	47.04	NA	NA	NA	3381.94	
MW-1	05/04/11	3389.00	58.77	46.31	46.55	0.24		0.10	29.90	3342.65	
MW-1	05/04/11	3389.00	58.77	ND	47.11	ND	NA	NA	NA	3341.89	
MW-1	05/11/11	3389.00	58.77	46.32	46.52	0.20		0.10	19.90	3342.65	
MW-1	05/11/11	3389.00	58.77	ND	46.98	ND	NA	NA	NA	3342.02	
MW-1	05/19/11	3389.00	58.77	46.43	46.52	0.09		0.10	29.90	3342.56	
MW-1	05/19/11	3389.00	58.77	ND	47.00	ND	NA	NA	NA	3342.00	
MW-1	05/24/11	3389.00	58.77	46.35	46.50	0.15		0.10	19.90	3342.63	
MW-1	05/24/11	3389.00	58.77	ND	46.72	ND	NA	NA	NA	3342.28	
MW-1	05/31/11	3389.00	58.77	46.46	46.61	0.15	NA	NA	NA	3342.52	Sampled
MW-1	06/08/11	3389.00	58.77	46.45	46.55	0.10		0.00	20.00	3342.54	
MW-1	06/08/11	3389.00	58.77	ND	46.47	ND	NA	NA	NA	3342.53	
MW-1	06/17/11	3389.00	58.77	46.35	46.59	0.24		0.00	20.00	3342.61	
MW-1	06/17/11	3389.00	58.77	ND	46.50	ND	NA	NA	NA	3342.50	
MW-1	06/21/11	3389.00	58.77	46.40	46.98	0.58		0.25	29.75	3342.51	
MW-1	06/21/11	3389.00	58.77	ND	47.10	ND	NA	NA	NA	3341.90	
MW-1	06/29/11	3389.00	58.77	46.54	46.85	0.31		6.25	30.00	3342.41	
MW-1	06/29/11	3389.00	58.77	ND	47.17	ND	NA	NA	NA	3341.83	
MW-1	07/06/11	3389.00	58.77	46.65	46.87	0.22		0.10	9.90	3342.32	
MW-1	07/06/11	3389.00	58.77	ND	46.74	ND	NA	NA	NA	3342.26	
MW-1	07/13/11	3389.00	58.77	46.70	47.05	0.35		0.10	19.90	3342.25	
MW-1	07/13/11	3389.00	58.77	ND	47.14	ND	NA	NA	NA	3341.86	
MW-1	07/21/11	3389.00	58.77	46.75	47.06	0.31	Hand Bailed	0.10	9.90	3342.20	
MW-1	07/21/11	3389.00	58.77	ND	46.86	ND	NA	NA	NA	3342.14	
MW-1	07/27/11	3389.00	58.77	46.78	47.30	0.52		0.10	9.90	3342.14	
MW-1	07/27/11	3389.00	58.77	ND	46.90	ND	NA	NA	NA	3342.10	
MW-1	08/03/11	3389.00	58.77	46.85	47.44	0.59		0.10	9.90	3342.06	
MW-1	08/03/11	3389.00	58.77	ND	47.12	ND	NA	NA	NA	3341.88	
MW-1	08/11/11	3389.00	58.77	46.90	47.68	0.78		0.10	9.90	3341.98	
MW-1	08/11/11	3389.00	58.77	ND	47.20	ND	NA	NA	NA	3341.80	
MW-1	08/17/11	3389.00	58.77	46.88	47.82	0.94	Hand Bailed	0.10	9.90	3341.98	
MW-1	08/17/11	3389.00	58.77	ND	47.13	ND	NA	NA	NA	3341.87	
MW-1	08/24/11	3389.00	58.77	46.98	47.94	0.96		0.20	9.80	3341.88	
MW-1	08/24/11	3389.00	58.77	ND	47.20	ND	NA	NA	NA	3341.80	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	08/29/11	3389.00	58.77	47.05	47.97	0.92		0.10	9.90	3341.81	Sampled
MW-1	08/29/11	3389.00	58.77	ND	47.18	ND	NA	NA	NA	3341.82	
MW-1	09/07/11	3389.00	58.77	47.09	48.15	1.06		0.20	9.80	3341.75	
MW-1	09/07/11	3389.00	58.77	ND	47.29	ND	NA	NA	NA	3341.71	
MW-1	09/14/11	3389.00	58.77	47.03	47.99	0.96		0.10	4.90	3341.83	
MW-1	09/14/11	3389.00	58.77	ND	47.21	ND	NA	NA	NA	3341.79	
MW-1	09/21/11	3389.00	58.77	47.10	48.25	1.15		0.10	9.90	3341.73	
MW-1	09/21/11	3389.00	58.77	ND	47.33	ND	NA	NA	NA	3341.67	
MW-1	09/28/11	3389.00	58.77	47.15	48.30	1.15	Hand Bailed	0.50	9.50	3341.68	
MW-1	09/28/11	3389.00	58.77	ND	47.35	ND	NA	NA	NA	3341.65	
MW-1	10/05/11	3389.00	58.77	47.12	48.15	1.03	NA	0.75	39.25	3341.73	Semi-clear @ 30 gal
MW-1	10/05/11	3389.00	58.77	ND	47.94	ND	NA	NA	NA	3341.06	
MW-1	10/12/11	3389.00	58.77	47.13	48.20	1.07	NA	2.00	28.00	3341.71	
MW-1	10/12/11	3389.00	58.77	ND	47.80	ND	NA	NA	NA	3341.20	
MW-1	10/18/11	3389.00	58.77	47.21	48.18	0.97	NA	0.75	29.25	3341.64	
MW-1	10/18/11	3389.00	58.77	ND	48.36	ND	NA	NA	NA	3340.64	
MW-1	10/28/11	3389.00	58.77	47.14	48.25	1.11	NA	0.75	29.25	3341.69	
MW-1	10/28/11	3389.00	58.77	ND	48.48	ND	NA	NA	NA	3340.52	
MW-1	11/02/11	3389.00	58.77	47.11	48.15	1.04	NA	0.75	19.25	3341.73	
MW-1	11/02/11	3389.00	58.77	ND	48.19	ND	NA	NA	NA	3340.81	
MW-1	11/09/11	3389.00	58.77	47.14	48.39	1.25	Hand Bailed	0.10	9.90	3341.67	
MW-1	11/09/11	3389.00	58.77	ND	49.34	ND	NA	NA	NA	3339.66	
MW-1	11/18/11	3389.00	58.77	47.06	48.22	1.16	NA	0.75	9.75	3341.77	
MW-1	11/18/11	3389.00	58.77	ND	47.25	ND	NA	NA	NA	3341.75	
MW-1	11/23/11	3389.00	58.77	47.15	48.35	1.20	NA	1.00	19.00	3341.67	
MW-1	11/23/11	3389.00	58.77	ND	48.21	ND	NA	NA	NA	3340.79	
MW-1	11/28/11	3389.00	58.77	47.16	48.35	1.19	NA	NA	NA	3341.66	Sampled
MW-1	12/07/11	3389.00	58.77	47.18	48.58	1.40	NA	0.10	19.90	3341.61	
MW-1	12/07/11	3389.00	58.77	ND	47.41	ND	NA	NA	NA	3341.59	
MW-1	12/13/11	3389.00	58.77	47.13	48.29	1.16	NA	0.75	19.25	3341.70	
MW-1	12/13/11	3389.00	58.77	ND	48.46	ND	NA	NA	NA	3340.54	
MW-1	12/20/11	3389.00	58.77	47.22	48.50	1.28	NA	0.25	19.75	3341.59	
MW-1	12/20/11	3389.00	58.77	ND	48.31	ND	NA	NA	NA	3340.69	
MW-1	12/27/11	3389.00	58.77	47.22	48.80	1.58	NA	1.00	29.00	3341.54	
MW-1	12/27/11	3389.00	58.77	ND	48.48	ND	NA	NA	NA	3340.52	
MW-1	01/04/12	3389.00	58.77	47.12	47.71	0.59	Hand Bailed	0.10	9.90	3341.79	
MW-1	01/04/12	3389.00	58.77	ND	47.44	ND	NA	NA	NA	3341.56	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	01/13/12	3389.00	58.77	47.06	48.19	1.13	Hand Bailed	0.25	9.75	3341.77	
MW-1	01/13/12	3389.00	58.77	ND	47.43	ND	NA	NA	NA	3341.57	
MW-1	01/18/12	3389.00	58.77	47.01	48.10	1.09		1.00	14.00	3341.83	
MW-1	01/18/12	3389.00	58.77	ND	48.03	ND	NA	NA	NA	3340.97	
MW-1	01/27/12	3389.00	58.77	46.95	48.10	1.15	NA	1.00	29.00	3341.88	
MW-1	01/27/12	3389.00	58.77	ND	48.05	ND	NA	NA	NA	3340.95	
MW-1	02/02/12	3389.00	58.77	46.91	48.04	1.13	NA	1.00	19.00	3341.92	
MW-1	02/02/12	3389.00	58.77	ND	47.07	ND	NA	NA	NA	3341.93	
MW-1	02/08/12	3389.00	58.77	46.90	48.00	1.10	NA	0.10	29.90	3341.94	
MW-1	02/08/12	3389.00	58.77	ND	48.90	ND	NA	NA	NA	3340.10	
MW-1	02/15/12	3389.00	58.77	46.86	48.93	2.07	NA	0.00	19.00	3341.83	
MW-1	02/15/12	3389.00	58.77	ND	47.90	ND	NA	NA	NA	3341.10	
MW-1	02/29/12	3389.00	58.77	46.75	47.65	0.90	NA	0.10	29.90	3342.12	
MW-1	02/29/12	3389.00	58.77	ND	47.75	ND	NA	NA	NA	3341.25	
MW-1	03/06/12	3389.00	58.77	46.80	47.70	0.90	NA	1.00	19.00	3342.07	
MW-1	03/06/12	3389.00	58.77	ND	47.40	ND	NA	NA	NA	3341.60	
MW-1	03/14/12	3389.00	58.77	46.78	47.68	0.90	NA	0.25	19.75	3342.09	
MW-1	03/14/12	3389.00	58.77	ND	47.30	ND	NA	NA	NA	3341.70	
MW-1	03/21/12	3389.00	58.77	47.61	48.58	0.97	NA	0.10	19.90	3341.24	
MW-1	03/21/12	3389.00	58.77	ND	48.58	ND	NA	NA	NA	3340.42	
MW-1	03/29/12	3389.00	58.77	46.70	47.70	1.00	NA	0.10	19.90	3342.15	
MW-1	03/29/12	3389.00	58.77	ND	47.50	ND	NA	NA	NA	3341.50	
MW-1	04/03/12	3389.00	58.77	46.70	47.70	1.00	NA	0.10	19.90	3342.15	
MW-1	04/03/12	3389.00	58.77	ND	47.50	ND	NA	NA	NA	3341.50	
MW-1	04/11/12	3389.00	58.77	46.79	48.00	1.21	NA	1.00	19.00	3342.03	
MW-1	04/11/12	3389.00	58.77	ND	47.76	ND	NA	NA	NA	3341.24	
MW-1	04/20/12	3389.00	58.77	46.83	48.06	1.23	NA	0.50	29.50	3341.99	
MW-1	04/20/12	3389.00	58.77	ND	47.70	ND	NA	NA	NA	3341.30	
MW-1	04/26/12	3389.00	58.77	46.90	48.32	1.42	NA	1.00	39.00	3341.89	
MW-1	04/26/12	3389.00	58.77	ND	47.73	ND	NA	NA	NA	3341.27	
MW-1	05/02/12	3389.00	58.77	46.96	48.38	1.42	NA	2.00	43.00	3341.83	
MW-1	05/02/12	3389.00	58.77	ND	47.58	ND	NA	NA	NA	3341.42	
MW-1	05/09/12	3389.00	58.77	47.02	48.48	1.46	NA	0.50	39.50	3341.76	
MW-1	05/09/12	3389.00	58.77	ND	47.91	ND	NA	NA	NA	3341.09	
MW-1	05/16/12	3389.00	58.77	47.17	48.62	1.45	NA	0.50	39.50	3341.61	
MW-1	05/16/12	3389.00	58.77	ND	47.52	ND	NA	NA	NA	3341.48	
MW-1	05/22/12	3389.00	58.77	47.08	48.61	1.53	NA	NA	NA	3341.69	
MW-1	05/29/12	3389.00	58.77	47.09	48.56	1.47	NA	1.00	39.00	3341.69	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	05/29/12	3389.00	58.77	ND	47.48	ND	NA	NA	NA	3341.52	
MW-1	06/06/12	3389.00	58.77	47.13	48.50	1.37	NA	1.00	39.00	3341.66	
MW-1	06/06/12	3389.00	58.77	ND	47.32	ND	NA	NA	NA	3341.68	
MW-1	06/13/12	3389.00	58.77	47.15	48.70	1.55	NA	2.00	38.00	3341.62	
MW-1	06/13/12	3389.00	58.77	ND	47.53	ND	NA	NA	NA	3341.47	
MW-1	06/19/12	3389.00	58.77	47.20	48.85	1.65	NA	2.00	23.00	3341.55	
MW-1	06/19/12	3389.00	58.77	ND	48.01	ND	NA	NA	NA	3340.99	
MW-1	06/27/12	3389.00	58.77	47.28	48.80	1.52	NA	0.00	20.00	3341.49	
MW-1	06/27/12	3389.00	58.77	ND	48.20	ND	NA	NA	NA	3340.80	
MW-1	07/18/12	3389.00	58.77	47.42	49.12	1.70	NA	1.70	38.00	3341.33	
MW-1	07/18/12	3389.00	58.77	ND	48.58	ND	NA	NA	NA	3340.42	
MW-1	07/25/12	3389.00	58.77	47.50	48.99	1.49	NA	2.50	22.50	3341.28	
MW-1	07/25/12	3389.00	58.77	ND	48.38	ND	NA	NA	NA	3340.62	
MW-1	07/31/12	3389.00	58.77	47.56	48.96	1.40	NA	2.00	38.00	3341.23	
MW-1	07/31/12	3389.00	58.77	ND	47.65	ND	NA	NA	NA	3341.35	
MW-1	08/08/12	3389.00	58.77	47.45	48.95	1.50	NA	NA	NA	3341.33	
MW-1	08/13/12	3389.00	58.77	47.40	48.90	1.50	NA	2.00	38.00	3341.38	
MW-1	08/13/12	3389.00	58.77	ND	48.21	ND	NA	NA	NA	3340.79	
MW-1	08/20/12	3389.00	58.77	47.37	48.83	1.46	NA	1.00	19.00	3341.41	
MW-1	08/20/12	3389.00	58.77	ND	47.95	ND	NA	NA	NA	3341.05	
MW-1	09/05/12	3389.00	58.77	47.33	48.90	1.57	NA	1.00	39.00	3341.43	
MW-1	09/05/12	3389.00	58.77	ND	48.15	ND	NA	NA	NA	3340.85	
MW-1	09/11/12	3389.00	58.77	47.30	48.75	1.45	NA	NA	NA	3341.48	
MW-1	09/19/12	3389.00	58.77	47.33	48.90	1.57	NA	NA	NA	3341.43	
MW-1	09/25/12	3389.00	58.77	47.33	48.88	1.55	NA	NA	NA	3341.44	
MW-1	10/02/12	3389.00	58.77	47.33	48.80	1.47	NA	NA	NA	3341.45	
MW-1	10/10/12	3389.00	58.77	47.30	48.85	1.55	NA	NA	NA	3341.47	
MW-1	10/16/12	3389.00	58.77	47.26	48.84	1.58	NA	NA	NA	3341.50	
MW-1	10/16/12	3389.00	58.77	ND	47.95	ND	NA	NA	NA	3341.05	
MW-1	10/24/12	3389.00	58.77	47.25	48.75	1.50	NA	1.00	39.00	3341.53	
MW-1	10/24/12	3389.00	58.77	ND	47.92	ND	NA	NA	NA	3341.08	
MW-1	11/06/12	3389.00	58.77	47.29	48.82	1.53	NA	1.00	39.00	3341.48	
MW-1	11/06/12	3389.00	58.77	ND	47.82	ND	NA	NA	NA	3341.18	
MW-1	11/26/12	3389.00	58.77	ND	NG	NG	NA	NA	NA	NG	
MW-1	12/11/12	3389.00	58.77	47.27	48.70	1.43	NA	3.00	37.00	3341.52	
MW-1	12/11/12	3389.00	58.77	ND	48.23	ND	NA	NA	NA	3340.77	
MW-1	01/03/13	3389.00	58.77	47.28	48.85	1.57	NA	2.00	38.00	3341.48	
MW-1	01/16/13	3389.00	58.77	47.28	48.90	1.62	NA	2.00	38.00	3341.48	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	01/23/13	3389.00	58.77	47.30	48.80	1.50	NA	2.00	38.00	3341.48	
MW-1	01/30/13	3389.00	58.77	47.28	48.85	1.57	NA	1.00	39.00	3341.48	
MW-1	02/07/13	3389.00	58.77	47.28	48.78	1.50	NA	1.00	39.00	3341.50	
MW-1	02/13/13	3389.00	58.77	47.28	48.80	1.52	NA	2.00	38.00	3341.49	
MW-1	02/27/13	3389.00	58.77	47.27	48.60	1.33	NA	2.00	38.00	3341.53	
MW-1	03/05/13	3389.00	58.77	47.25	48.65	1.40	NA	1.00	39.00	3341.54	
MW-1	03/15/13	3389.00	58.77	47.30	48.72	1.42	NA	1.00	39.00	3341.49	
MW-1	03/21/13	3389.00	58.77	47.19	48.32	1.13	NA	2.00	38.00	3341.64	
MW-1	03/29/13	3389.00	58.77	47.16	48.44	1.28	NA	2.00	38.00	3341.65	
MW-1	04/03/13	3389.00	58.77	47.15	48.39	1.24	NA	2.00	38.00	3341.66	
MW-1	04/09/13	3389.00	58.77	47.15	48.46	1.31	NA	1.00	39.00	3341.65	
MW-1	05/01/13	3389.00	58.77	47.22	48.18	0.96	NA	1.00	39.00	3341.64	
MW-1	05/15/13	3389.00	58.77	47.28	48.80	1.52	NA	1.00	39.00	3341.49	
MW-1	05/21/13	3389.00	58.77	47.28	48.90	1.62	NA	1.00	39.00	3341.48	
MW-1	06/05/13	3389.00	58.77	47.31	48.91	1.60	NA	2.00	38.00	3341.45	
MW-1	06/10/13	3389.00	58.77	47.37	48.79	1.42	NA	2.00	38.00	3341.42	Sampled
MW-1	06/17/13	3389.00	58.77	47.34	48.84	1.50	NA	2.00	38.00	3341.44	
MW-1	06/26/13	3389.00	58.77	47.60	48.85	1.25	NA	1.00	38.00	3341.21	
MW-1	07/03/13	3389.00	58.77	47.40	49.12	1.72	NA	2.00	38.00	3341.34	
MW-1	07/10/13	3389.00	58.77	47.52	49.25	1.73	NA	2.00	38.00	3341.22	
MW-1	08/07/13	3389.00	58.77	47.56	49.20	1.64	NA	2.00	38.00	3341.19	
MW-1	08/14/13	3389.00	58.77	47.70	49.45	1.75	NA	2.00	38.00	3341.04	
MW-1	08/21/13	3389.00	58.77	47.70	49.52	1.82	NA	3.00	37.00	3341.03	
MW-1	08/28/13	3389.00	58.77	47.78	49.32	1.54	NA	2.00	28.00	3340.99	
MW-1	09/06/13	3389.00	58.77	47.81	49.38	1.57	NA	2.00	38.00	3340.95	
MW-1	09/11/13	3389.00	58.77	47.87	49.23	1.36	NA	2.00	33.00	3340.93	
MW-1	09/21/13	3389.00	58.77	47.85	49.35	1.50	NA	2.00	18.00	3340.93	
MW-1	09/28/13	3389.00	58.77	47.88	49.38	1.50	NA	2.00	18.00	3340.90	
MW-1	10/02/13	3389.00	58.77	47.80	49.65	1.85	NA	2.00	38.00	3340.92	
MW-1	10/11/13	3389.00	58.77	47.95	49.50	1.55	NA	2.00	28.00	3340.82	
MW-1	10/16/13	3389.00	58.77	47.80	48.95	1.15	NA	2.00	38.00	3341.03	
MW-1	10/30/13	3389.00	58.77	48.02	49.88	1.86	NA	2.00	38.00	3340.70	
MW-1	11/13/13	3389.00	58.77	48.09	49.85	1.76	NA	2.00	28.00	3340.65	
MW-1	11/20/13	3389.00	58.77	48.35	49.66	1.31	NA	2.00	28.00	3340.45	
MW-1	11/27/13	3389.00	58.77	48.15	49.69	1.54	NA	2.00	28.00	3340.62	
MW-1	12/11/13	3389.00	58.77	48.18	50.02	1.84	NA	2.00	28.00	3340.54	
MW-1	12/17/13	3389.00	58.77	48.23	49.75	1.52	NA	2.00	28.00	3340.54	
MW-1	01/02/14	3389.00	58.77	48.50	49.75	1.25		1.00	29.00	3340.31	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	01/09/14	3389.00	58.77	48.75	49.50	0.75		2.00	28.00	3340.14	
MW-1	01/15/14	3389.00	58.77	48.40	49.69	1.29		1.00	19.00	3340.41	
MW-1	01/22/14	3389.00	58.77	48.45	49.70	1.25		2.00	28.00	3340.36	
MW-1	01/30/14	3389.00	58.77	48.41	50.15	1.74		1.50	23.50	3340.33	
MW-1	02/05/14	3389.00	58.77	48.54	49.63	1.09		2.00	28.00	3340.30	
MW-1	02/13/14	3389.00	58.77	48.55	49.77	1.22		2.00	28.00	3340.27	
MW-1	02/20/14	3389.00	58.77	48.57	49.68	1.11		1.50	18.50	3340.26	
MW-1	02/26/14	3389.00	58.77	48.54	50.24	1.70		2.00	28.00	3340.21	
MW-1	03/05/14	3389.00	58.77	48.55	50.18	1.63		2.00	18.00	3340.21	
MW-1	03/18/14	3389.00	58.77	48.58	50.21	1.63		2.00	38.00	3340.18	
MW-1	03/25/14	3389.00	58.77	48.59	50.30	1.71		3.00	27.00	3340.15	
MW-1	04/02/14	3389.00	58.77	48.60	50.40	1.80		3.00	27.00	3340.13	
MW-1	04/07/14	3389.00	58.77	48.58	50.00	1.42		2.00	38.00	3340.21	
MW-1	04/15/14	3389.00	58.77	48.78	49.57	0.79		2.00	28.00	3340.10	
MW-1	04/23/14	3389.00	58.77	48.85	49.66	0.81		2.00	28.00	3340.03	
MW-1	05/04/14	3389.00	58.77	48.58	49.93	1.35		3.00	17.00	3340.22	
MW-1	05/07/14	3389.00	58.77	48.60	49.02	0.42		1.00	19.00	3340.34	
MW-1	05/16/14	3389.00	58.77	48.72	49.87	1.15		2.00	28.00	3340.11	Sampled
MW-1	05/20/14	3389.00	58.77	48.75	49.22	0.47		0.50	19.50	3340.18	
MW-1	06/06/14	3389.00	58.77	48.72	50.10	1.38		NA	NA	3340.07	Sampled
MW-1	06/19/14	3389.00	58.77	48.78	49.73	0.95		2.00	23.00	3340.08	
MW-1	06/25/14	3389.00	58.77	48.80	49.95	1.15		2.00	23.00	3340.03	
MW-1	07/09/14	3389.00	58.77	48.78	50.40	1.62		2.00	38.00	3339.98	
MW-1	07/16/14	3389.00	58.77	48.97	49.72	0.75		2.00	38.00	3339.92	
MW-1	07/23/14	3389.00	58.77	49.98	50.15	0.17		2.00	28.00	3338.99	
MW-1	07/29/14	3389.00	58.77	48.96	49.62	0.66		2.00	28.00	3339.94	
MW-1	08/12/14	3389.00	58.77	48.48	49.76	1.28		2.00	23.00	3340.33	
MW-1	08/21/14	3389.00	58.77	48.55	49.23	0.68		NA	NA	3340.35	
MW-1	08/26/14	3389.00	58.77	48.57	49.23	0.66		1.00	9.00	3340.33	
MW-1	09/03/14	3389.00	58.77	48.48	49.51	1.03		2.00	28.00	3340.37	
MW-1	09/09/14	3389.00	58.77	48.43	49.53	1.10		2.00	28.00	3340.41	
MW-1	09/18/14	3389.00	58.56	48.40	49.52	1.12		2.00	18.00	3340.43	
MW-1	09/24/14	3389.00	58.56	48.48	49.28	0.80		0.25	19.75	3340.40	
MW-1	09/29/14	3389.00	58.56	48.49	49.29	0.80		NA	NA	3340.39	
MW-1	10/13/14	3389.00	58.56	48.28	48.92	0.64		NA	NA	3340.62	
MW-1	10/20/14	3389.00	58.56	48.24	48.90	0.66		NA	NA	3340.66	
MW-1	10/28/14	3389.00	58.56	48.16	48.63	0.47		0.50	9.50	3340.77	
MW-1	11/04/14	3389.00	58.56	48.13	48.51	0.38		0.50	9.50	3340.81	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	11/12/14	3389.00	58.56	48.20	48.22	0.02		NA	NA	3340.80	
MW-1	11/20/14	3389.00	58.56	48.08	48.10	0.02		NA	NA	3340.92	
MW-1	11/25/14	3389.00	58.56	48.02	48.08	0.06		NA	NA	3340.97	
MW-1	12/05/14	3389.00	58.56	48.05	48.06	0.01		NA	NA	3340.95	
MW-1	12/17/14	3389.00	58.56	48.01	48.10	0.09		NA	NA	3340.98	
MW-1	12/22/14	3389.00	58.56	48.00	48.31	0.31		0.25	9.75	3340.95	
MW-1	12/29/14	3389.00	58.56	47.95	48.29	0.34		0.50	4.50	3341.00	
MW-1	01/05/15	3389.00	58.56	47.25	47.34	0.09		0.25	9.75	3341.74	
MW-1	01/07/15	3389.00	58.56	47.96	48.23	0.27		0.50	14.50	3341.00	
MW-1	01/14/15	3389.00	58.56	47.94	48.18	0.24		0.25	17.75	3341.02	
MW-1	01/21/15	3389.00	58.56	47.92	48.13	0.21		0.50	14.50	3341.05	
MW-1	01/28/15	3389.00	58.56	47.85	48.08	0.23		1.00	19.00	3341.12	
MW-1	02/06/15	3389.00	58.56	47.84	48.48	0.64		0.50	9.50	3341.06	
MW-1	02/10/15	3389.00	58.56	47.85	48.02	0.17		NA	NA	3341.12	
MW-1	02/17/15	3389.00	58.56	47.83	48.00	0.17		0.50	9.50	3341.14	
MW-1	02/24/15	3389.00	58.56	47.85	48.03	0.18		NA	NA	3341.12	
MW-1	03/05/15	3389.00	58.56	48.82	49.00	0.18		0.50	9.50	3340.15	
MW-1	03/11/15	3389.00	58.56	47.78	47.95	0.17		NA	NA	3341.19	
MW-1	03/17/15	3389.00	58.56	47.80	48.00	0.20		NA	NA	3341.17	
MW-1	03/23/15	3389.00	58.56	47.76	47.98	0.22		NA	NA	3341.21	
MW-1	03/31/15	3389.00	58.56	47.78	48.08	0.30		0.50	14.50	3341.18	CLEAR @4GAL
MW-1	04/07/15	3389.00	58.56	47.75	47.98	0.23		0.25	9.75	3341.22	
MW-1	04/15/15	3389.00	58.56	47.60	47.69	0.09		0.25	9.75	3341.39	
MW-1	04/21/15	3389.00	58.56	47.70	47.90	0.20		0.25	9.75	3341.27	
MW-1	04/29/15	3389.00	58.56	48.68	48.71	0.03		0.25	9.50	3340.32	
MW-1	05/06/15	3389.00	58.56	47.63	48.52	0.89		0.25	9.75	3341.24	
MW-1	05/27/15	3389.00	58.56	47.37	47.44	0.07		0.25	9.75	3341.62	
MW-1	06/04/15	3389.00	58.56	47.34	47.41	0.07		0.25	9.75	3341.65	
MW-1	06/09/15	3389.00	58.56	47.33	47.39	0.06		0.25	9.75	3341.66	
MW-1	06/13/15	3389.00	58.23	47.28	47.30	0.02		NA	NA	3341.72	Sampled
MW-1	07/01/15	3389.00	58.23	47.23	47.28	0.05		0.25	9.75	3341.76	
MW-1	07/08/15	3389.00	58.23	47.22	47.28	0.06		0.25	9.75	3341.77	
MW-1	07/11/15	3389.00	58.23	47.22	47.27	0.05		0.25	9.75	3341.77	
MW-1	07/21/15	3389.00	58.23	47.24	47.30	0.06		0.25	9.75	3341.75	
MW-1	07/28/15	3389.00	58.23	NA	NG	NA		0.25	9.75	NG	interface malfunction
MW-1	08/05/15	3389.00	58.23	47.17	47.32	0.15		0.25	9.75	3341.81	
MW-1	08/12/15	3389.00	58.23	47.23	47.31	0.08		0.25	9.75	3341.76	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	08/20/15	3389.00	58.23	47.33	47.47	0.14		0.25	9.75	3341.65	
MW-1	08/27/15	3389.00	58.23	47.42	47.50	0.08		NA	NA	3341.57	
MW-1	09/01/15	3389.00	58.23	47.43	47.54	0.11		0.25	9.75	3341.55	
MW-1	09/10/15	3389.00	58.23	47.53	47.60	0.07		NA	NA	3341.46	
MW-1	09/16/15	3389.00	58.23	47.60	47.67	0.07		0.25	9.75	3341.39	
MW-1	09/28/15	3389.00	58.23	47.61	47.70	0.09		0.25	9.75	3341.38	
MW-1	10/07/15	3389.00	58.23	47.63	47.73	0.10		0.25	9.75	3341.36	
MW-1	10/13/15	3389.00	58.23	47.65	47.74	0.09		0.25	9.75	3341.34	
MW-1	10/20/15	3389.00	58.23	47.64	47.76	0.12		0.25	9.75	3341.34	
MW-1	10/28/15	3389.00	58.23	47.61	47.78	0.17		0.25	9.75	3341.36	
MW-1	11/03/15	3389.00	58.23	47.59	47.68	0.09		NA	NA	3341.40	
MW-1	11/12/15	3389.00	58.23	47.62	47.78	0.16		0.50	9.50	3341.36	
MW-1	11/15/15	3389.00	58.23	47.58	47.74	0.16		NA	NA	3341.40	
MW-1	11/17/15	3389.00	58.23	47.54	47.73	0.19		0.50	9.50	3341.43	
MW-1	11/24/15	3389.00	58.23	47.50	47.70	0.20		0.25	9.75	3341.47	
MW-1	12/09/15	3389.00	58.23	47.41	47.58	0.17		0.25	9.75	3341.56	
MW-1	12/15/15	3389.00	58.23	47.39	47.55	0.16		NA	NA	3341.59	
MW-1	12/31/15	3389.00	58.23	47.31	47.40	0.09		0.25	9.75	3341.68	
MW-1	01/05/16	3389.00	58.23	47.25	47.34	0.09		0.25	9.75	3341.74	
MW-1	01/19/16	3389.00	58.23	47.24	47.32	0.08		0.25	9.75	3341.75	
MW-1	01/26/16	3389.00	58.23	47.22	47.28	0.06		0.25	9.75	3341.77	
MW-1	02/02/16	3389.00	58.23	47.18	47.23	0.05		0.25	9.75	3341.81	
MW-1	02/09/16	3389.00	58.23	47.15	47.20	0.05		0.25	9.75	3341.84	
MW-1	02/17/16	3389.00	58.23	47.11	47.14	0.03		0.25	9.75	3341.89	
MW-1	02/24/16	3389.00	58.23	47.16	47.19	0.03		0.25	9.75	3341.84	
MW-1	03/01/16	3389.00	58.23	47.21	47.23	0.02		0.25	9.75	3341.79	
MW-1	03/08/16	3389.00	58.23	47.17	47.23	0.06		NA	NA	3341.82	
MW-1	03/15/16	3389.00	58.23	47.22	47.27	0.05		0.25	9.75	3341.77	
MW-1	03/22/16	3389.00	58.23	47.18	47.22	0.04		0.25	9.75	3341.81	
MW-1	03/29/16	3389.00	58.23	47.18	47.24	0.06		0.25	9.75	3341.81	
MW-1	04/05/16	3389.00	58.23	47.23	47.29	0.06		0.25	9.75	3341.76	
MW-1	04/12/16	3389.00	58.23	47.30	47.42	0.12		0.25	9.75	3341.68	
MW-1	04/19/16	3389.00	58.23	47.06	47.13	0.07		0.25	9.75	3341.93	
MW-1	04/27/16	3389.00	58.23	47.05	47.10	0.05		0.25	9.75	3341.94	
MW-1	05/05/16	3389.00	58.23	47.06	47.10	0.04		sheen	10.00	3341.93	
MW-1	05/12/16	3389.00	58.23	47.05	47.13	0.08		0.25	9.75	3341.94	
MW-1	05/20/16	3389.00	58.23	47.02	47.11	0.09		sheen	20.00	3341.97	Sampled
MW-1	05/26/16	3389.00	58.23	47.07	47.08	0.01		sheen	10.00	3341.93	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	06/02/16	3389.00	58.23	47.16	47.23	0.07		sheen	10.00	3341.83	
MW-1	06/10/16	3389.00	58.23	47.01	47.12	0.11		0.25	9.75	3341.97	
MW-1	06/23/16	3389.00	58.23	46.93	46.99	0.06		0.25	9.75	3342.06	
MW-1	06/27/16	3389.00	58.23	46.89	46.92	0.03		sheen	10.00	3342.11	
MW-1	07/06/16	3389.00	58.23	46.91	46.92	0.01		sheen	10.00	3342.09	
MW-1	07/15/16	3389.00	58.23	46.87	46.90	0.03		0.25	9.75	3342.13	
MW-1	07/27/16	3389.00	58.23	sheen	48.87	sheen		sheen	10.00	3340.13	
MW-1	08/03/16	3389.00	58.23	sheen	46.98	sheen		sheen	10.00	3342.02	
MW-1	08/12/16	3389.00	58.23	46.92	46.93	0.01		sheen	10.00	3342.08	
MW-1	08/17/16	3389.00	58.23	46.96	46.97	0.01		sheen	10.00	3342.04	
MW-1	08/24/16	3389.00	58.23	47.04	47.06	0.02		sheen	10.00	3341.96	
MW-1	08/31/16	3389.00	58.23	47.06	47.13	0.07		NA	NA	3341.93	
MW-1	09/07/16	3389.00	58.23	47.09	47.11	0.02		0.25	9.75	3341.91	
MW-1	09/16/16	3389.00	58.23	47.15	47.17	0.02		sheen	10.00	3341.85	
MW-1	09/21/16	3389.00	58.23	47.07	47.10	0.03		NA	NA	3341.93	
MW-1	09/28/16	3389.00	58.23	47.00	47.02	0.02		sheen	10.00	3342.00	
MW-1	10/12/16	3389.00	58.23	46.90	46.93	0.03		sheen	10.00	3342.10	
MW-1	10/19/16	3389.00	58.23	46.86	46.90	0.04		sheen	10.00	3342.13	
MW-1	10/25/16	3389.00	58.23	46.85	46.91	0.06		sheen	10.00	3342.14	
MW-1	11/01/16	3389.00	58.23	46.80	46.85	0.05		sheen	10.00	3342.19	
MW-1	11/09/16	3389.00	58.23	46.80	46.83	0.03		NA	10.00	3342.20	
MW-1	11/16/16	3389.00	58.23	46.85	46.88	0.03		sheen	10.00	3342.15	
MW-1	11/22/16	3389.00	58.23	sheen	46.71	sheen		NA	10.00	3342.29	
MW-1	11/30/16	3389.00	58.23	sheen	46.75	sheen		NA	10.00	3342.25	
MW-1	12/06/16	3389.00	58.23	sheen	46.87	sheen		NA	10.00	3342.13	
MW-1	12/16/16	3389.00	58.23	sheen	46.67	sheen		NA	NA	3342.33	
MW-1	12/22/16	3389.00	58.23	sheen	46.67	sheen		NA	NA	3342.33	
MW-1	12/28/16	3389.00	58.23	ND	46.61	ND		NA	10.00	3342.39	
MW-1	01/05/17	3389.00	58.23	ND	46.61	ND		NA	10.00	3342.39	
MW-1	01/11/17	3389.00	58.23	sheen	46.59	sheen		NA	10.00	3342.41	
MW-1	01/18/17	3389.00	58.23	sheen	46.54	sheen		NA	10.00	3342.46	
MW-1	01/25/17	3389.00	58.23	sheen	46.56	sheen		NA	10.00	3342.44	
MW-1	02/01/17	3389.00	58.23	sheen	46.52	sheen		NA	10.00	3342.48	
MW-1	02/08/17	3389.00	58.23	46.51	46.52	0.01		NA	10.00	3342.49	
MW-1	02/15/17	3389.00	58.23	sheen	46.52	sheen		NA	10.00	3342.48	
MW-1	02/23/17	3389.00	58.23	ND	46.44	ND		NA	10.00	3342.56	
MW-1	03/08/17	3389.00	58.23	sheen	46.46	sheen		NA	10.00	3342.54	
MW-1	03/14/17	3389.00	58.23	sheen	46.42	sheen		NA	10.00	3342.58	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	03/21/17	3389.00	58.23	sheen	46.38	sheen		NA	10.00	3342.62	
MW-1	03/29/17	3389.00	58.23	ND	46.39	ND		NA	10.00	3342.61	
MW-1	04/05/17	3389.00	58.23	sheen	47.39	sheen		NA	10.00	3341.61	
MW-1	04/12/17	3389.00	58.23	sheen	46.42	sheen		NA	10.00	3342.58	
MW-1	04/19/17	3389.00	58.23	sheen	46.30	sheen		NA	10.00	3342.70	
MW-1	04/26/17	3389.00	58.23	sheen	46.32	sheen		sheen	10.00	3342.68	
MW-1	05/03/17	3389.00	58.23	sheen	46.28	sheen		NA	10.00	3342.72	
MW-1	05/16/17	3389.00	58.23	ND	46.22	ND		NA	NA	3342.78	Sampled
MW-1	05/25/17	3389.00	58.23	sheen	46.30	sheen		NA	10.00	3342.70	
MW-1	06/01/17	3389.00	58.23	sheen	46.28	sheen		NA	10.00	3342.72	
MW-1	06/05/17	3389.00	58.23	ND	46.20	ND		NA	10.00	3342.80	
MW-1	06/13/17	3389.00	58.23	ND	46.16	ND		NA	10.00	3342.84	
MW-1	06/21/17	3389.00	58.23	ND	46.21	ND		NA	10.00	3342.79	
MW-1	06/28/17	3389.00	58.23	sheen	46.12	sheen		NA	10.00	3342.88	
MW-1	07/12/17	3389.00	58.23	sheen	46.10	sheen		NA	10.00	3342.90	
MW-1	07/18/17	3389.00	58.23	ND	46.11	ND		NA	10.00	3342.89	
MW-1	07/26/17	3389.00	58.23	sheen	46.06	sheen		sheen	10.00	3342.94	
MW-1	08/02/17	3389.00	58.23	sheen	46.08	sheen		NA	10.00	3342.92	
MW-1	08/09/17	3389.00	58.23	ND	46.05	ND		NA	10.00	3342.95	
MW-1	08/16/17	3389.00	58.23	ND	46.10	ND		NA	10.00	3342.90	
MW-1	08/23/17	3389.00	58.23	sheen	46.07	sheen		NA	10.00	3342.93	
MW-1	08/30/17	3389.00	58.23	sheen	46.05	sheen		NA	10.00	3342.95	
MW-1	09/07/17	3389.00	58.23	sheen	46.10	sheen		NA	10.00	3342.90	
MW-1	09/13/17	3389.00	58.23	sheen	46.02	sheen		NA	NA	3342.98	
MW-1	09/26/17	3389.00	58.23	sheen	45.98	sheen		sheen	10.00	3343.02	
MW-1	10/04/17	3389.00	58.23	sheen	46.00	sheen		NA	NA	3343.00	
MW-1	10/12/17	3389.00	58.23	ND	46.09	ND		NA	NA	3342.91	
MW-1	10/18/17	3389.00	58.23	ND	46.12	ND		NA	NA	3342.88	
MW-1	10/26/17	3389.00	58.23	ND	46.15	ND		NA	NA	3342.85	
MW-1	11/01/17	3389.00	58.23	ND	46.20	ND		NA	NA	3342.80	
MW-1	11/09/17	3389.00	58.23	ND	46.18	ND		NA	NA	3342.82	
MW-1	11/15/17	3389.00	58.23	sheen	45.80	sheen		sheen	10.00	3343.20	
MW-1	11/29/17	3389.00	58.23	ND	45.85	ND		NA	NA	3343.15	
MW-1	12/06/17	3389.00	58.23	sheen	45.77	sheen		NA	NA	3343.23	
MW-1	12/13/17	3389.00	58.23	sheen	47.70	sheen		NA	10.00	3341.30	
MW-1	01/04/18	3389.00	58.23	sheen	45.68	sheen		NA	10.00	3343.32	
MW-1	01/04/18	3389.00	58.23	sheen	45.60	sheen		NA	NA	3343.40	
MW-1	01/17/18	3389.00	58.23	sheen	45.62	sheen		NA	NA	3343.38	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	01/26/18	3389.00	58.23	sheen	45.53	sheen		NA	NA	3343.47	
MW-1	02/01/18	3389.00	58.23	sheen	45.67	sheen		NA	NA	3343.33	
MW-1	02/08/18	3389.00	58.23	ND	45.51	ND		NA	NA	3343.49	
MW-1	02/14/18	3389.00	58.23	sheen	45.50	sheen		NA	NA	3343.50	
MW-1	02/21/18	3389.00	58.23	sheen	45.56	sheen		NA	NA	3343.44	
MW-1	02/28/18	3389.00	58.23	ND	45.47	ND		NA	NA	3343.53	
MW-1	03/08/18	3389.00	58.23	sheen	45.56	sheen		NA	NA	3343.44	Sampled
MW-1	03/15/18	3389.00	58.23	ND	45.54	ND		NA	10.00	3343.46	
MW-1	03/22/18	3389.00	58.23	sheen	45.58	sheen		sheen	10.00	3343.42	
MW-1	03/28/18	3389.00	58.23	ND	45.51	ND		NA	10.00	3343.49	
MW-1	04/03/18	3389.00	58.23	sheen	45.53	sheen		sheen	10.00	3343.47	
MW-1	04/10/18	3389.00	58.23	sheen	45.57	sheen		sheen	10.00	3343.43	
MW-1	04/19/18	3389.00	58.23	ND	45.60	ND		NA	10.00	3343.40	
MW-1	04/25/18	3389.00	58.23	ND	45.58	ND		NA	10.00	3343.42	
MW-1	05/02/18	3389.00	58.23	ND	45.45	ND		NA	10.00	3343.55	
MW-1	05/10/18	3389.00	58.23	ND	45.50	ND		NA	10.00	3343.50	
MW-1	05/15/18	3389.00	58.23	sheen	45.48	sheen		NA	NA	3343.52	
MW-1	05/23/18	3389.00	58.23	ND	45.50	ND		NA	10.00	3343.50	
MW-1	06/06/18	3389.00	50.32	ND	45.48	ND		NA	NA	3343.52	Sampled
MW-1	06/13/18	3389.00	50.32	sheen	45.51	sheen		NA	10.00	3343.49	
MW-1	06/20/18	3389.00	50.32	ND	46.66	ND		NA	10.00	3342.34	
MW-1	06/28/18	3389.00	50.32	ND	45.48	ND		NA	10.00	3343.52	
MW-1	07/05/18	3389.00	50.32	ND	45.54	ND		NA	10.00	3343.46	
MW-1	07/12/18	3389.00	50.32	ND	45.56	ND		NA	NA	3343.44	
MW-1	07/20/18	3389.00	50.32	sheen	45.55	sheen		sheen	10.00	3343.45	
MW-1	07/26/18	3389.00	50.32	sheen	56.60	sheen		sheen	10.00	3332.40	
MW-1	08/01/18	3389.00	50.32	ND	45.53	ND		NA	10.00	3343.47	
MW-1	08/08/18	3389.00	50.32	ND	45.47	ND		NA	10.00	3343.53	
MW-1	08/14/18	3389.00	50.32	ND	45.62	ND		NA	10.00	3343.38	
MW-1	08/21/18	3389.00	58.23	sheen	45.45	sheen		sheen	10.00	3343.55	
MW-1	08/30/18	3389.00	58.23	sheen	45.41	sheen		sheen	10.00	3343.59	
MW-1	09/12/18	3389.00	58.23	sheen	45.76	sheen		NA	10.00	3343.24	
MW-1	09/18/18	3389.00	58.23	ND	45.68	ND		NA	10.00	3343.32	
MW-1	09/26/18	3389.00	58.23	ND	45.70	ND		NA	10.00	3343.30	
MW-1	10/04/18	3389.00	58.23	sheen	45.75	sheen		NA	10.00	3343.25	
MW-1	10/11/18	3389.00	58.23	sheen	45.77	sheen		NA	10.00	3343.23	
MW-1	10/17/18	3389.00	58.23	sheen	45.55	sheen		NA	10.00	3343.45	
MW-1	10/24/18	3389.00	58.23	ND	45.66	ND		NA	10.00	3343.34	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	11/01/18	3389.00	58.23	ND	45.68	ND		NA	10.00	3343.32	
MW-1	11/07/18	3389.00	50.32	ND	45.72	ND		NA	10.00	3343.28	Sampled
MW-1	11/13/18	3389.00	50.32	sheen	45.76	sheen		NA	10.00	3343.24	
MW-1	11/21/18	3389.00	50.32	45.67	45.68	0.01		NA	10.00	3343.33	
MW-1	11/29/18	3389.00	50.32	45.59	45.60	0.01		sheen	10.00	3343.41	
MW-1	12/07/18	3389.00	50.32	45.61	45.62	0.01		NA	10.00	3343.39	
MW-1	12/13/18	3389.00	50.32	45.62	45.63	0.01		NA	10.00	3343.38	
MW-1	12/19/18	3389.00	50.32	sheen	45.65	sheen		sheen	10.00	3343.35	
MW-1	01/09/19	3389.00	50.32	45.70	45.72	0.02		sheen	10.00	3343.30	
MW-1	01/30/19	3389.00	50.32	sheen	45.63	sheen		sheen	10.00	3343.37	
MW-1	02/06/19	3389.00	50.32	sheen	45.68	sheen		sheen	10.00	3343.32	
MW-1	02/14/19	3389.00	50.32	45.42	45.44	0.02		sheen	10.00	3343.58	
MW-1	02/28/19	3389.00	50.32	sheen	45.56	sheen		sheen	10.00	3343.44	
MW-1	03/06/19	3389.00	50.32	sheen	45.48	sheen		sheen	10.00	3343.52	
MW-1	04/25/19	3389.00	50.32	sheen	45.35	sheen		sheen	10.00	3343.65	
MW-1	05/01/19	3389.00	50.32	sheen	45.26	sheen		sheen	10.00	3343.74	
MW-1	05/10/19	3389.00	50.32	sheen	45.29	sheen		sheen	10.00	3343.71	
MW-1	05/17/19	3389.00	50.32	sheen	45.30	sheen		sheen	10.00	3343.70	
MW-1	05/24/19	3389.00	50.32	sheen	45.36	sheen		sheen	10.00	3343.64	
MW-1	06/05/19	3389.00	50.32	ND	45.38	ND		NA	10.00	3343.62	
MW-1	06/14/19	3389.00	50.32	sheen	45.20	sheen		sheen	10.00	3343.80	
MW-1	06/20/19	3389.00	50.32	sheen	45.40	sheen		sheen	10.00	3343.60	
MW-1	06/26/19	3389.00	50.32	ND	45.25	ND		na	10.00	3343.75	
MW-1	07/03/19	3389.00	50.32	sheen	45.22	sheen		na	10.00	3343.78	
MW-1	07/11/19	3389.00	50.32	sheen	45.26	sheen		sheen	10.00	3343.74	
MW-1	07/26/19	3389.00	50.32	sheen	46.30	sheen		na	10.00	3342.70	
MW-1	08/10/19	3389.00	50.32	ND	45.17	ND		na	10.00	3343.83	
MW-1	08/15/19	3389.00	50.32	ND	45.18	ND		na	10.00	3343.82	
MW-1	08/27/19	3389.00	50.32	sheen	45.22	sheen		sheen	10.00	3343.78	
MW-1	09/13/19	3389.00	50.32	ND	45.25	ND		NA	10.00	3343.75	
MW-1	09/20/19	3389.00	50.32	ND	45.15	ND		NA	NA	3343.85	
MW-1	10/09/19	3389.00	50.32	sheen	45.12	sheen		NA	10.00	3343.88	
MW-1	10/17/19	3389.00	50.32	ND	45.08	sheen		NA	NA	3343.92	
MW-1	11/01/19	3389.00	50.32	ND	45.09	ND		NA	10.00	3343.91	
MW-1	11/08/19	3389.00	50.32	ND	45.09	sheen		NA	NA	3343.91	
MW-1	11/15/19	3389.00	50.32	45.07	45.10	0.03		sheen	10.00	3343.93	
MW-1	11/19/19	3389.00	50.32	sheen	45.09	sheen		NA	NA	3343.91	
MW-1	11/26/19	3389.00	50.32	45.01	45.04	0.03		sheen	10.00	3343.99	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	12/03/19	3389.00	50.32	45.05	45.07	0.02		sheen	10.00	3343.95	
MW-1	12/13/19	3389.00	50.32	45.00	45.04	0.04		sheen	10.00	3343.99	
MW-1	12/20/19	3389.00	50.32	45.00	45.07	0.07		sheen	10.00	3343.99	
MW-1	12/27/19	3389.00	50.32	ND	45.02	ND		sheen	10.00	3343.98	
MW-1	01/03/20	3389.00	50.32	45.05	45.08	0.03		sheen	10.00	3343.95	
MW-1	01/09/20	3389.00	50.32	45.01	45.03	0.02		sheen	10.00	3343.99	
MW-1	01/15/20	3389.00	50.32	45.00	45.02	0.02		sheen	10.00	3344.00	
MW-1	01/30/20	3389.00	50.32	sheen	45.05	sheen		NA	NA	3343.95	
MW-1	02/12/20	3389.00	50.32	44.97	44.98	0.01		NA	10.00	3344.03	
MW-1	02/20/20	3389.00	50.32	45.04	45.06	0.02		sheen	10.00	3343.96	
MW-1	02/27/20	3389.00	50.32	45.00	45.03	0.03		sheen	10.00	3344.00	
MW-1	03/04/20	3389.00	50.32	45.02	45.04	0.02		sheen	10.00	3343.98	
MW-1	03/12/20	3389.00	50.32	44.95	44.97	0.02		sheen	10.00	3344.05	
MW-1	03/17/20	3389.00	50.32	sheen	44.99	sheen		NA	NA	3344.01	
MW-1	03/23/20	3389.00	50.32	sheen	44.97	sheen		NA	10.00	3344.03	
MW-1	05/07/20	3389.00	50.32	sheen	44.79	sheen		NA	NA	3344.21	
MW-1	05/29/20	3389.00	50.32	44.78	44.82	0.04		0.25	9.75	3344.21	
MW-1	06/12/20	3389.00	50.32	44.70	44.79	0.09		0.25	9.75	3344.29	
MW-1	06/26/20	3389.00	50.32	sheen	44.89	sheen		sheen	10.00	3344.11	
MW-1	07/21/20	3389.00	50.32	44.88	44.90	0.02		sheen	10.00	3344.12	
MW-1	08/06/20	3389.00	50.32	sheen	45.02	sheen		sheen	10.00	3343.98	
MW-1	09/18/20	3389.00	50.32	45.02	45.22	0.20		0.25	9.75	3343.95	
MW-1	09/30/20	3389.00	50.32	45.05	45.08	0.03		sheen	10.00	3343.95	
MW-1	10/09/20	3389.00	50.32	sheen	45.15	sheen		sheen	10.00	3343.85	
MW-1	11/13/20	3389.00	50.32	sheen	45.12	sheen		sheen	10.00	3343.88	
MW-1	12/21/20	3389.00	50.32	44.89	44.91	0.02		sheen	10.00	3344.11	
MW-1	01/08/21	3389.00	50.32	44.90	44.93	0.03		sheen	20.00	3344.10	
MW-1	02/04/21	3389.00	50.32	45.96	45.98	0.02		sheen	10.00	3343.04	
MW-1	03/22/21	3389.00	50.32	sheen	44.95	sheen		sheen	10.00	3344.05	
MW-1	03/24/21	3389.00	50.32	sheen	44.98	sheen		sheen	10.00	3344.02	Sampled
MW-1	04/08/21	3389.00	50.32	sheen	44.95	sheen		sheen	15.00	3344.05	
MW-1	05/28/21	3389.00	50.32	ND	45.15	ND		sheen	10.00	3343.85	
MW-1	06/29/21	3389.00	50.32	44.90	44.92	0.02		sheen	10.00	3344.10	
MW-1	07/15/21	3389.00	50.32	sheen	44.91	sheen		0.25	9.75	3344.09	
MW-1	08/03/21	3389.00	50.32	44.93	45.00	0.07		0.25	9.75	3344.06	
MW-1	08/27/21	3389.00	50.32	sheen	45.08	sheen		sheen	10.00	3343.92	
MW-1	09/01/21	3389.00	50.32	ND	45.10	ND		sheen	10.00	3343.90	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-1	09/24/21	3389.00	50.32	sheen	45.24	sheen		sheen	10.00	3343.76	
MW-1	10/01/21	3389.00	50.32	sheen	45.18	sheen		sheen	10.00	3343.82	
MW-1	11/10/21	3389.00	50.32	sheen	45.28	sheen		sheen	10.00	3343.72	
MW-1	12/22/21	3389.00	50.32	sheen	45.29	sheen		sheen	10.00	3343.71	
MW-2	12/21/05	3388.28	59.34	ND	45.23	ND	NA	NA	NA	3343.05	Sampled
MW-2	12/29/05	3388.28	NG	NA	45.15	NA	NA	NA	NA	3343.13	
MW-2	01/05/06	3388.28	NG	NA	45.25	NA	NA	NA	NA	3343.03	
MW-2	02/09/06	3388.28	NG	NA	45.02	NA	NA	NA	NA	3343.26	
MW-2	02/22/06	3388.28	NG	NA	45.00	NA	NA	NA	NA	3343.28	
MW-2	03/28/06	3388.28	59.33	ND	44.90	ND	NA	NA	NA	3343.38	Sampled
MW-2	04/13/06	3388.28	NG	NA	44.95	NA	NA	NA	NA	3343.33	
MW-2	04/25/06	3388.28	NG	NA	44.93	NA	NA	NA	NA	3343.35	
MW-2	05/03/06	3388.28	NG	NA	44.88	NA	NA	NA	NA	3343.40	
MW-2	05/11/06	3388.28	NG	NA	44.96	NA	NA	NA	NA	3343.32	
MW-2	05/24/06	3388.28	NG	NA	44.92	NA	NA	NA	NA	3343.36	
MW-2	06/07/06	3388.28	NG	NA	44.91	NA	NA	NA	NA	3343.37	
MW-2	06/15/06	3388.28	NG	NA	44.92	NA	NA	NA	NA	3343.36	Sampled
MW-2	06/29/06	3388.28	NG	NA	45.02	NA	NA	NA	NA	3343.26	
MW-2	07/11/06	3388.28	NG	NA	45.05	NA	NA	NA	NA	3343.23	
MW-2	07/25/06	3388.28	NG	NA	45.13	NA	NA	NA	NA	3343.15	
MW-2	08/09/06	3388.28	59.33	NA	45.19	NA	NA	NA	NA	3343.09	
MW-2	08/22/06	3388.28	NG	NA	45.27	NA	NA	NA	NA	3343.01	
MW-2	09/12/06	3388.28	59.30	NA	45.30	NA	NA	NA	NA	3342.98	Sampled
MW-2	09/19/06	3388.28	59.30	NA	45.33	NA	NA	NA	NA	3342.95	
MW-2	10/03/06	3388.28	59.30	NA	45.32	NA	NA	NA	NA	3342.96	
MW-2	10/17/06	3388.28	NG	NA	45.25	NA	NA	NA	NA	3343.03	
MW-2	10/31/06	3388.28	NG	NA	45.61	NA	NA	NA	NA	3342.67	
MW-2	11/15/06	3388.28	NG	NA	45.18	NA	NA	NA	NA	3343.10	
MW-2	12/06/06	3388.28	59.33	NA	45.05	NA	NA	NA	NA	3343.23	Sampled
MW-2	12/13/06	3388.28	NG	NA	45.36	NA	NA	NA	NA	3342.92	
MW-2	01/03/07	3388.28	NG	NA	44.95	NA	NA	NA	NA	3343.33	
MW-2	01/09/07	3388.28	NG	NA	45.00	NA	NA	NA	NA	3343.28	
MW-2	01/18/07	3388.28	NG	NA	44.92	NA	NA	NA	NA	3343.36	
MW-2	01/25/07	3388.28	NG	NA	44.91	NA	NA	NA	NA	3343.37	
MW-2	01/31/07	3388.28	NG	NA	44.84	NA	NA	NA	NA	3343.44	
MW-2	02/07/07	3388.28	NG	NA	44.86	NA	NA	NA	NA	3343.42	
MW-2	02/14/07	3388.28	NG	NA	44.88	NA	NA	NA	NA	3343.40	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-2	03/01/07	3388.28	59.33	ND	44.82	ND	NA	NA	NA	3343.46	Sampled
MW-2	05/03/07	3388.28	59.33	ND	44.70	ND	NA	NA	NA	3343.58	
MW-2	05/31/07	3388.28	59.33	ND	44.70	ND	NA	NA	NA	3343.58	
MW-2	06/06/07	3388.28	59.37	ND	44.67	ND	NA	NA	NA	3343.61	
MW-2	07/05/07	3388.28	59.26	ND	44.77	ND	NA	NA	NA	3343.51	
MW-2	07/31/07	3388.28	59.25	ND	44.51	ND	NA	NA	NA	3343.77	
MW-2	09/07/07	3388.28	59.37	ND	44.88	ND	NA	NA	NA	3343.40	Sampled
MW-2	10/04/07	3388.28	59.37	ND	44.95	ND	NA	NA	NA	3343.33	
MW-2	11/13/07	3388.28	59.36	ND	44.95	ND	NA	NA	NA	3343.33	Sampled
MW-2	12/05/07	3388.28	59.36	ND	44.94	ND	NA	NA	NA	3343.34	
MW-2	01/09/08	3388.28	59.33	ND	44.96	ND	NA	NA	NA	3343.32	
MW-2	02/06/08	3388.28	59.33	ND	44.96	ND	NA	NA	NA	3343.32	
MW-2	02/27/08	3388.28	59.28	ND	44.92	ND	NA	NA	NA	3343.36	Sampled
MW-2	04/02/08	3388.28	59.28	ND	44.81	ND	NA	NA	NA	3343.47	
MW-2	05/22/08	3388.28	59.28	ND	44.84	ND	NA	NA	NA	3343.44	Sampled
MW-2	06/26/08	3388.28	59.28	ND	44.97	ND	NA	NA	NA	3343.31	
MW-2	07/07/08	3388.28	59.28	ND	44.94	ND	NA	NA	NA	3343.34	
MW-2	08/20/08	3388.28	59.33	ND	45.00	ND	NA	NA	NA	3343.28	Sampled
MW-2	10/15/08	3388.28	59.33	ND	45.42	ND	NA	NA	NA	3342.86	
MW-2	11/19/08	3388.28	59.33	ND	45.28	ND	NA	NA	NA	3343.00	Sampled
MW-2	12/21/08	3388.28	59.33	ND	45.38	ND	NA	NA	NA	3342.90	
MW-2	01/07/09	3388.28	59.19	ND	45.25	ND	NA	NA	NA	3343.03	
MW-2	02/04/09	3388.28	59.38	ND	45.19	ND	NA	NA	NA	3343.09	
MW-2	02/17/09	3388.28	59.32	ND	45.02	ND	NA	NA	NA	3343.26	Sampled
MW-2	03/04/09	3388.28	59.32	ND	45.07	ND	NA	NA	NA	3343.21	
MW-2	04/08/09	3388.28	59.32	ND	45.13	ND	NA	NA	NA	3343.15	
MW-2	05/06/09	3388.28	59.32	ND	45.31	ND	NA	NA	NA	3342.97	
MW-2	05/19/09	3388.28	59.32	ND	45.33	ND	NA	NA	NA	3342.95	Sample
MW-2	06/03/09	3388.28	59.32	ND	45.34	ND	NA	NA	NA	3342.94	
MW-2	07/15/09	3388.28	59.32	ND	45.35	ND	NA	NA	NA	3342.93	
MW-2	08/05/09	3388.28	59.32	ND	45.27	ND	NA	NA	NA	3343.01	
MW-2	08/26/09	3388.28	59.32	ND	45.36	ND		0.00	7.00	3342.92	Sample
MW-2	09/02/09	3388.28	59.32	ND	45.38	ND	NA	NA	NA	3342.90	
MW-2	10/07/09	3388.28	59.32	ND	45.31	ND	NA	NA	NA	3342.97	
MW-2	11/04/09	3388.28	59.32	ND	45.29	ND	NA	NA	NA	3342.99	
MW-2	11/17/09	3388.28	59.32	ND	45.24	ND	NA	NA	NA	3343.04	Sample
MW-2	12/02/09	3388.28	59.32	ND	45.23	ND	NA	NA	NA	3343.05	
MW-2	01/06/10	3388.38	59.32	ND	45.34	ND	NA	NA	NA	3343.04	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-2	02/09/10	3388.38	59.32	ND	45.57	ND	NA	NA	NA	3342.81	Sample
MW-2	03/10/10	3388.38	59.32	ND	45.54	ND	NA	NA	NA	3342.84	
MW-2	04/07/10	3388.38	59.32	ND	45.61	ND	NA	NA	NA	3342.77	
MW-2	05/05/10	3388.38	59.32	ND	45.71	ND	NA	NA	NA	3342.67	
MW-2	05/12/10	3388.38	59.32	ND	45.68	ND	NA	NA	NA	3342.70	Sample
MW-2	06/02/10	3388.38	59.32	ND	45.52	ND	NA	NA	NA	3342.86	
MW-2	07/07/10	3388.38	59.32	ND	45.34	ND	NA	NA	NA	3343.04	
MW-2	08/03/10	3388.38	59.32	ND	45.56	ND	NA	NA	NA	3342.82	
MW-2	08/26/10	3388.38	59.32	ND	45.58	ND	NA	NA	NA	3342.80	Sample
MW-2	09/01/10	3388.38	59.32	ND	45.47	ND	NA	NA	NA	3342.91	
MW-2	10/13/10	3388.38	59.32	ND	45.58	ND	NA	NA	NA	3342.80	
MW-2	11/18/10	3388.38	59.32	ND	45.79	ND	NA	NA	NA	3342.59	Sample
MW-2	11/23/10	3388.38	59.32	ND	45.81	ND	NA	NA	NA	3342.57	
MW-2	12/08/10	3388.38	59.32	ND	45.83	ND	NA	NA	NA	3342.55	
MW-2	01/12/11	3388.38	59.32	ND	45.87	ND	NA	NA	NA	3342.51	
MW-2	02/08/11	3388.38	59.32	ND	45.80	ND	NA	NA	NA	3342.58	
MW-2	02/24/11	3388.38	59.32	ND	45.73	ND	NA	NA	NA	3342.65	Sampled
MW-2	03/08/11	3388.38	59.32	ND	45.80	ND	NA	NA	NA	3342.58	
MW-2	04/13/11	3388.38	59.32	ND	46.90	ND	NA	NA	NA	3341.48	
MW-2	05/31/11	3388.38	59.32	ND	46.18	ND	NA	NA	NA	3342.20	Sampled
MW-2	07/06/11	3388.38	59.32	ND	46.28	ND	NA	NA	NA	3342.10	
MW-2	08/29/11	3388.38	59.32	ND	46.76	ND	NA	NA	NA	3341.62	Sampled
MW-2	09/14/11	3388.38	59.32	ND	46.79	ND	NA	NA	NA	3341.59	
MW-2	10/12/11	3388.38	59.32	ND	46.81	ND	NA	NA	NA	3341.57	
MW-2	11/28/11	3388.38	59.32	ND	46.93	ND	NA	NA	NA	3341.45	Sampled
MW-2	12/27/11	3388.38	59.32	ND	46.95	ND	NA	NA	NA	3341.43	
MW-2	01/18/12	3388.38	59.32	ND	46.80	ND	NA	NA	NA	3341.58	
MW-2	02/02/12	3388.38	59.32	ND	46.73	ND	NA	NA	NA	3341.65	
MW-2	02/15/12	3388.38	59.32	ND	46.66	ND	NA	NA	NA	3341.72	
MW-2	02/22/12	3388.38	59.32	ND	46.60	ND	NA	NA	NA	3341.78	
MW-2	04/20/12	3388.38	59.32	ND	46.61	ND	NA	NA	NA	3341.77	
MW-2	05/22/12	3388.38	59.32	ND	46.86	ND	NA	NA	NA	3341.52	
MW-2	07/18/12	3388.38	59.32	ND	47.32	ND	NA	NA	NA	3341.06	
MW-2	09/11/12	3388.38	59.32	ND	47.23	ND	NA	NA	NA	3341.15	
MW-2	10/16/12	3388.38	59.32	ND	47.22	ND	NA	NA	NA	3341.16	
MW-2	11/26/12	3388.38	59.32	ND	47.22	ND	NA	NA	NA	3341.16	
MW-2	12/11/12	3388.38	59.32	ND	47.20	ND	NA	NA	NA	3341.18	
MW-2	02/27/13	3388.38	59.32	ND	47.18	ND	NA	NA	NA	3341.20	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-2	06/10/13	3388.38	59.32	ND	47.28	ND	NA	NA	NA	3341.10	
MW-2	08/14/13	3388.38	59.32	ND	47.62	ND	NA	NA	NA	3340.76	
MW-2	09/11/13	3388.38	59.32	ND	47.74	ND	NA	NA	NA	3340.64	
MW-2	12/11/13	3388.38	59.32	ND	48.07	ND	NA	NA	NA	3340.31	
MW-2	02/26/14	3388.38	59.32	ND	48.42	ND		NA	NA	3339.96	
MW-2	03/05/14	3388.38	59.32	ND	48.40	ND		NA	NA	3339.98	Sampled
MW-2	06/06/14	3388.38	59.32	ND	48.54	ND		NA	NA	3339.84	Sampled
MW-2	09/18/14	3388.38	59.33	ND	48.52	ND		NA	NA	3339.86	Sampled
MW-2	11/12/14	3388.38	59.33	ND	48.20	ND		NA	NA	3340.18	Sampled
MW-2	02/24/15	3388.38	59.30	ND	47.87	ND		NA	NA	3340.51	Sampled
MW-2	06/13/15	3388.38	59.31	ND	47.28	ND		NA	NA	3341.10	Sampled
MW-2	08/27/15	3388.38	59.31	ND	47.45	ND		NA	NA	3340.93	Sampled
MW-2	11/15/15	3388.38	59.31	ND	47.63	ND		NA	NA	3340.75	Sampled
MW-2	03/08/16	3388.38	59.31	ND	47.19	ND		NA	NA	3341.19	Sampled
MW-2	05/20/16	3388.38	59.31	ND	47.06	ND		NA	NA	3341.32	Sampled
MW-2	09/21/16	3388.38	59.31	ND	47.08	ND		NA	NA	3341.30	Sampled
MW-2	12/16/16	3388.38	59.31	ND	46.62	ND		NA	NA	3341.76	Sampled
MW-2	05/16/17	3388.38	59.31	ND	46.25	ND		NA	NA	3342.13	Sampled
MW-2	09/13/17	3388.38	59.31	ND	45.95	ND		NA	NA	3342.43	Sampled
MW-2	11/29/17	3388.38	59.31	ND	45.76	ND		NA	NA	3342.62	Sampled
MW-2	03/08/18	3388.38	59.31	ND	45.55	ND		NA	NA	3342.83	Sampled
MW-2	06/07/18	3388.38	59.31	ND	45.52	ND		NA	NA	3342.86	Sampled
MW-2	09/12/18	3388.38	59.31	ND	45.76	ND		NA	NA	3342.62	Sampled
MW-2	11/29/18	3388.38	59.31	ND	45.62	ND		NA	NA	3342.76	Sampled
MW-2	02/14/19	3388.38	59.31	ND	45.44	ND		NA	NA	3342.94	Sampled
MW-2	05/10/19	3388.38	59.31	ND	45.32	ND		NA	NA	3343.06	Sampled
MW-2	08/27/19	3388.38	59.31	ND	45.24	ND		NA	NA	3343.14	Sampled
MW-2	11/19/19	3388.38	59.31	ND	45.08	ND		NA	NA	3343.30	Sampled
MW-2	03/17/20	3388.38	59.31	ND	45.00	ND		NA	NA	3343.38	Sampled
MW-2	06/26/20	3388.38	59.31	ND	44.91	ND		NA	NA	3343.47	Sampled
MW-2	09/18/20	3388.38	59.31	ND	45.10	ND		NA	NA	3343.28	Sampled
MW-2	12/21/20	3388.38	59.31	ND	44.98	ND		NA	NA	3343.40	Sampled
MW-2	03/24/21	3388.38	59.31	ND	45.01	ND		NA	NA	3343.37	Sampled
MW-2	06/29/21	3388.38	59.31	ND	44.96	ND		NA	NA	3343.42	Sampled
MW-2	08/27/21	3388.38	59.31	ND	45.15	ND		NA	NA	3343.23	Sampled
MW-2	12/02/21	3388.38	59.31	ND	45.25	ND		NA	NA	3343.13	Sampled
MW-3	12/21/05	3388.62	59.69	ND	45.57	ND	NA	NA	NA	3343.05	Sampled

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-3	12/29/05	3388.62	NG	NA	45.52	NA	NA	NA	NA	3343.10	
MW-3	01/05/06	3388.62	NG	NA	45.60	NA	NA	NA	NA	3343.02	
MW-3	02/09/06	3388.62	NG	NA	45.41	NA	NA	NA	NA	3343.21	
MW-3	02/22/06	3388.62	NG	NA	45.33	NA	NA	NA	NA	3343.29	
MW-3	03/28/06	3388.62	59.70	ND	45.23	ND	NA	NA	NA	3343.39	Sampled
MW-3	04/13/06	3388.62	NG	NA	45.31	NA	NA	NA	NA	3343.31	
MW-3	04/25/06	3388.62	NG	NA	45.30	NA	NA	NA	NA	3343.32	
MW-3	05/03/06	3388.62	NG	NA	45.23	NA	NA	NA	NA	3343.39	
MW-3	05/11/06	3388.62	NG	NA	45.36	NA	NA	NA	NA	3343.26	
MW-3	05/24/06	3388.62	NG	NA	45.28	NA	NA	NA	NA	3343.34	
MW-3	06/07/06	3388.62	NG	NA	45.28	NA	NA	NA	NA	3343.34	
MW-3	06/15/06	3388.62	NG	NA	45.30	NA	NA	NA	NA	3343.32	Sampled
MW-3	06/29/06	3388.62	NG	NA	45.39	NA	NA	NA	NA	3343.23	
MW-3	07/11/06	3388.62	NG	NA	45.41	NA	NA	NA	NA	3343.21	
MW-3	07/25/06	3388.62	NG	NA	45.50	NA	NA	NA	NA	3343.12	
MW-3	08/09/06	3388.62	59.70	ND	45.57	ND	NA	NA	NA	3343.05	
MW-3	08/22/06	3388.62	NG	NA	45.63	NA	NA	NA	NA	3342.99	
MW-3	09/12/06	3388.62	59.68	ND	45.65	ND	NA	NA	NA	3342.97	Sampled
MW-3	09/19/06	3388.62	NG	NA	45.69	NA	NA	NA	NA	3342.93	
MW-3	10/03/06	3388.62	NG	NA	45.67	NA	NA	NA	NA	3342.95	
MW-3	10/17/06	3388.62	NG	NA	45.62	NA	NA	NA	NA	3343.00	
MW-3	10/31/06	3388.62	NG	NA	45.23	NA	NA	NA	NA	3343.39	
MW-3	11/15/06	3388.62	NG	NA	45.57	NA	NA	NA	NA	3343.05	
MW-3	12/06/06	3388.62	59.62	ND	45.45	ND	NA	NA	NA	3343.17	Sampled
MW-3	12/13/06	3388.62	NG	NA	45.73	NA	NA	NA	NA	3342.89	
MW-3	01/03/07	3388.62	NG	NA	45.32	NA	NA	NA	NA	3343.30	
MW-3	01/09/07	3388.62	NG	NA	45.36	NA	NA	NA	NA	3343.26	
MW-3	01/18/07	3388.62	NG	NA	45.29	NA	NA	NA	NA	3343.33	
MW-3	01/25/07	3388.62	NG	NA	45.28	NA	NA	NA	NA	3343.34	
MW-3	01/31/07	3388.62	NG	NA	45.20	NA	NA	NA	NA	3343.42	
MW-3	02/07/07	3388.62	NG	NA	45.24	NA	NA	NA	NA	3343.38	
MW-3	02/14/07	3388.62	NG	NA	45.27	NA	NA	NA	NA	3343.35	
MW-3	03/01/07	3388.62	59.67	ND	45.20	ND	NA	NA	NA	3343.42	Sampled
MW-3	05/03/07	3388.62	59.67	ND	45.08	ND	NA	NA	NA	3343.54	
MW-3	05/31/07	3388.62	59.70	ND	45.10	ND	NA	NA	NA	3343.52	Sampled
MW-3	06/06/07	3388.62	59.70	ND	45.08	ND	NA	NA	NA	3343.54	
MW-3	07/05/07	3388.62	59.71	ND	45.19	ND	NA	NA	NA	3343.43	
MW-3	07/31/07	3388.62	59.71	ND	45.21	ND	NA	NA	NA	3343.41	

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D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-3	09/06/07	3388.62	59.70	ND	45.42	ND	NA	NA	NA	3343.20	Sampled
MW-3	10/04/07	3388.62	59.70	ND	45.37	ND	NA	NA	NA	3343.25	
MW-3	11/13/07	3388.62	59.70	ND	45.38	ND	NA	NA	NA	3343.24	Sampled
MW-3	12/05/07	3388.62	59.70	ND	45.34	ND	NA	NA	NA	3343.28	
MW-3	01/09/08	3388.62	59.65	ND	45.34	ND	NA	NA	NA	3343.28	
MW-3	02/06/08	3388.62	59.65	ND	45.35	ND	NA	NA	NA	3343.27	
MW-3	02/27/08	3388.62	59.68	ND	45.30	ND	NA	NA	NA	3343.32	Sampled
MW-3	04/02/08	3388.62	59.68	ND	45.28	ND	NA	NA	NA	3343.34	
MW-3	05/22/08	3388.62	59.68	ND	45.24	ND	NA	NA	NA	3343.38	Sampled
MW-3	06/26/08	3388.62	59.68	ND	45.32	ND	NA	NA	NA	3343.30	
MW-3	07/07/08	3388.62	59.68	ND	45.72	ND	NA	NA	NA	3342.90	
MW-3	08/20/08	3388.62	59.70	ND	45.35	ND	NA	NA	NA	3343.27	Sampled
MW-3	10/15/08	3388.62	59.72	ND	45.82	ND	NA	NA	NA	3342.80	
MW-3	11/19/08	3388.62	59.72	ND	45.66	ND	NA	NA	NA	3342.96	Sampled
MW-3	12/21/08	3388.62	59.72	ND	45.75	ND	NA	NA	NA	3342.87	
MW-3	01/07/09	3388.62	59.71	ND	45.66	ND	NA	NA	NA	3342.96	
MW-3	02/04/09	3388.62	59.75	ND	45.56	ND	NA	NA	NA	3343.06	
MW-3	02/17/09	3388.62	59.30	ND	45.39	ND	NA	NA	NA	3343.23	Sampled
MW-3	03/04/09	3388.62	59.30	ND	45.46	ND	NA	NA	NA	3343.16	
MW-3	04/08/09	3388.62	59.30	ND	45.51	ND	NA	NA	NA	3343.11	
MW-3	05/06/09	3388.62	59.30	ND	45.70	ND	NA	NA	NA	3342.92	
MW-3	05/19/09	3388.62	59.30	ND	45.70	ND		0.00	7.00	3342.92	Sampled
MW-3	06/03/09	3388.62	59.30	ND	45.70	ND	NA	NA	NA	3342.92	
MW-3	07/15/09	3388.62	59.30	ND	45.75	ND	NA	NA	NA	3342.87	
MW-3	08/05/09	3388.62	59.30	ND	45.62	ND	NA	NA	NA	3343.00	
MW-3	08/26/09	3388.62	59.70	ND	45.75	ND		0.00	7.00	3342.87	Sampled
MW-3	09/02/09	3388.62	59.70	ND	45.75	ND	NA	NA	NA	3342.87	
MW-3	10/07/09	3388.62	59.70	ND	45.67	ND	NA	NA	NA	3342.95	
MW-3	11/04/09	3388.62	59.70	ND	45.64	ND	NA	NA	NA	3342.98	
MW-3	11/17/09	3388.62	59.70	ND	45.66	ND	NA	NA	NA	3342.96	Sampled
MW-3	12/02/09	3388.62	59.70	ND	45.60	ND	NA	NA	NA	3343.02	
MW-3	01/06/10	3388.52	59.70	ND	45.74	ND	NA	NA	NA	3342.78	
MW-3	02/09/10	3388.52	59.70	ND	45.95	ND	NA	NA	NA	3342.57	Sampled
MW-3	03/10/10	3388.52	59.70	ND	45.98	ND	NA	NA	NA	3342.54	
MW-3	04/07/10	3388.52	59.70	ND	46.05	ND	NA	NA	NA	3342.47	
MW-3	05/05/10	3388.52	59.70	ND	46.14	ND	NA	NA	NA	3342.38	
MW-3	05/12/10	3388.52	59.70	ND	46.15	ND	NA	NA	NA	3342.37	Sampled
MW-3	06/02/10	3388.52	59.70	ND	45.91	ND	NA	NA	NA	3342.61	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-3	07/07/10	3388.52	59.70	ND	45.72	ND	NA	NA	NA	3342.80	
MW-3	08/03/10	3388.52	59.70	ND	45.95	ND	NA	NA	NA	3342.57	
MW-3	08/26/10	3388.52	59.70	ND	45.94	ND	NA	NA	NA	3342.58	Sampled
MW-3	09/01/10	3388.52	59.70	ND	45.84	ND	NA	NA	NA	3342.68	
MW-3	10/13/10	3388.52	59.70	ND	45.93	ND	NA	NA	NA	3342.59	
MW-3	11/18/10	3388.52	59.70	ND	46.20	ND	NA	NA	NA	3342.32	Sampled
MW-3	11/23/10	3388.52	59.70	ND	46.22	ND	NA	NA	NA	3342.30	
MW-3	12/08/10	3388.52	59.70	ND	46.24	ND	NA	NA	NA	3342.28	
MW-3	01/12/11	3388.52	59.70	ND	46.27	ND	NA	NA	NA	3342.25	
MW-3	02/08/11	3388.52	59.70	ND	46.17	ND	NA	NA	NA	3342.35	
MW-3	02/24/11	3388.52	59.70	ND	46.11	ND	NA	NA	NA	3342.41	Sampled
MW-3	03/08/11	3388.52	59.70	ND	46.19	ND	NA	NA	NA	3342.33	
MW-3	04/13/11	3388.52	59.70	ND	46.30	ND	NA	NA	NA	3342.22	
MW-3	05/31/11	3388.52	59.70	ND	46.57	ND	NA	NA	NA	3341.95	Sampled
MW-3	07/06/11	3388.52	59.70	ND	46.65	ND	NA	NA	NA	3341.87	
MW-3	08/29/11	3388.52	59.70	ND	47.18	ND	NA	NA	NA	3341.34	Sampled
MW-3	09/14/11	3388.52	59.70	ND	47.19	ND	NA	NA	NA	3341.33	
MW-3	10/12/11	3388.52	59.70	ND	47.29	ND	NA	NA	NA	3341.23	
MW-3	11/28/11	3388.52	59.70	ND	47.32	ND	NA	NA	NA	3341.20	Sampled
MW-3	12/27/11	3388.52	59.70	ND	47.39	ND	NA	NA	NA	3341.13	
MW-3	01/18/12	3388.52	59.70	ND	47.15	ND	NA	NA	NA	3341.37	
MW-3	02/02/12	3388.52	59.70	ND	47.01	ND	NA	NA	NA	3341.51	
MW-3	02/15/12	3388.52	59.70	ND	47.00	ND	NA	NA	NA	3341.52	
MW-3	02/22/12	3388.52	59.70	ND	46.90	ND	NA	NA	NA	3341.62	
MW-3	04/20/12	3388.52	59.70	ND	46.99	ND	NA	NA	NA	3341.53	
MW-3	05/22/12	3388.52	59.70	ND	47.25	ND	NA	NA	NA	3341.27	
MW-3	07/18/12	3388.52	59.70	ND	47.73	ND	NA	NA	NA	3340.79	Sampled
MW-3	09/11/12	3388.52	59.70	ND	47.57	ND	NA	NA	NA	3340.95	
MW-3	10/16/12	3388.52	59.70	ND	47.54	ND	NA	NA	NA	3340.98	
MW-3	11/26/12	3388.52	59.70	ND	47.55	ND	NA	NA	NA	3340.97	
MW-3	12/11/12	3388.52	59.70	ND	47.53	ND	NA	NA	NA	3340.99	
MW-3	02/27/13	3388.52	59.70	ND	47.50	ND	NA	NA	NA	3341.02	
MW-3	06/10/13	3388.52	59.70	ND	47.60	ND	NA	NA	NA	3340.92	
MW-3	08/14/13	3388.52	59.70	ND	47.99	ND	NA	NA	NA	3340.53	
MW-3	09/11/13	3388.52	59.70	ND	48.09	ND	NA	NA	NA	3340.43	
MW-3	12/11/13	3388.52	59.70	ND	48.44	ND	NA	NA	NA	3340.08	
MW-3	02/26/14	3388.52	59.70	ND	48.80	ND		NA	NA	3339.72	
MW-3	03/05/14	3388.52	59.70	ND	48.75	ND		NA	NA	3339.77	Sampled

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-3	06/06/14	3388.52	59.70	ND	48.94	ND		NA	NA	3339.58	Sampled
MW-3	09/18/14	3388.52	59.76	ND	48.86	ND		NA	NA	3339.66	Sampled
MW-3	11/12/14	3388.52	59.76	ND	48.50	ND		NA	NA	3340.02	Sampled
MW-3	02/24/15	3388.52	59.68	ND	48.18	ND		NA	NA	3340.34	Sampled
MW-3	06/13/15	3388.52	59.68	ND	47.61	ND		NA	NA	3340.91	Sampled
MW-3	08/27/15	3388.52	59.68	ND	47.80	ND		NA	NA	3340.72	Sampled
MW-3	11/15/15	3388.52	59.68	ND	47.96	ND		NA	NA	3340.56	Sampled
MW-3	03/08/16	3388.52	59.68	ND	47.55	ND		NA	NA	3340.97	Sampled
MW-3	05/20/16	3388.52	59.68	ND	47.41	ND		NA	NA	3341.11	Sampled
MW-3	09/21/16	3388.52	59.68	ND	47.44	ND		NA	NA	3341.08	Sampled
MW-3	12/16/16	3388.52	59.68	ND	47.00	ND		NA	NA	3341.52	Sampled
MW-3	05/16/17	3388.52	59.68	ND	46.55	ND		NA	NA	3341.97	Sampled
MW-3	09/13/17	3388.52	59.68	ND	46.30	ND		NA	NA	3342.22	Sampled
MW-3	11/29/17	3388.52	59.68	ND	46.11	ND		NA	NA	3342.41	Sampled
MW-3	03/08/18	3388.52	59.68	ND	45.93	ND		NA	NA	3342.59	Sampled
MW-3	06/06/18	3388.52	59.68	ND	45.87	ND		NA	NA	3342.65	Sampled
MW-3	09/12/18	3388.52	59.68	ND	46.11	ND		NA	NA	3342.41	Sampled
MW-3	06/06/18	3388.52	59.68	ND	45.96	ND		NA	NA	3342.56	Sampled
MW-3	02/14/19	3388.52	59.68	ND	45.79	ND		NA	NA	3342.73	Sampled
MW-3	05/10/19	3388.52	59.68	ND	45.67	ND		NA	NA	3342.85	Sampled
MW-3	08/27/19	3388.52	59.68	ND	46.58	ND		NA	NA	3341.94	Sampled
MW-3	11/19/19	3388.52	59.68	ND	45.44	ND		NA	NA	3343.08	Sampled
MW-3	03/17/20	3388.52	59.68	ND	45.37	ND		NA	NA	3343.15	Sampled
MW-3	06/26/20	3388.52	59.68	ND	45.27	ND		NA	NA	3343.25	Sampled
MW-3	09/18/20	3388.52	59.68	ND	45.46	ND		NA	NA	3343.06	Sampled
MW-3	12/21/20	3388.52	59.68	ND	45.32	ND		NA	NA	3343.20	Sampled
MW-3	03/24/21	3388.52	59.68	ND	45.34	ND		NA	NA	3343.18	Sampled
MW-3	06/29/21	3388.52	59.68	ND	45.31	ND		NA	NA	3343.21	Sampled
MW-3	08/27/21	3388.52	59.68	ND	45.51	ND		NA	NA	3343.01	Sampled
MW-3	12/02/21	3388.52	59.68	ND	45.62	ND		NA	NA	3342.90	Sampled
MW-4	03/21/06	3388.92	59.80	ND	46.12	ND	NA	NA	NA	3342.80	
MW-4	03/28/06	3388.92	59.06	ND	46.03	ND	NA	NA	NA	3342.89	Sampled
MW-4	04/13/06	3388.92	NG	ND	46.08	ND	NA	NA	NA	3342.84	
MW-4	04/25/06	3388.92	NG	ND	46.01	ND	NA	NA	NA	3342.91	
MW-4	05/03/06	3388.92	59.05	ND	46.01	ND		7.00	0.00	3342.91	
MW-4	05/03/06	3388.92	NG	ND	46.01	ND	NA	NA	NA	3342.91	
MW-4	05/11/06	3388.92	NG	ND	46.07	ND	NA	NA	NA	3342.85	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	05/24/06	3388.92	NG	ND	46.05	ND	NA	NA	NA	3342.87	
MW-4	06/07/06	3388.92	NG	ND	46.03	ND	NA	NA	NA	3342.89	
MW-4	06/15/06	3388.92	NG	ND	46.05	ND	NA	NA	NA	3342.87	Sampled
MW-4	06/29/06	3388.92	NG	ND	46.15	ND	NA	NA	NA	3342.77	
MW-4	07/11/06	3388.92	NG	ND	46.18	ND	NA	NA	NA	3342.74	
MW-4	07/25/06	3388.92	NG	NA	46.24	NA	NA	NA	NA	3342.68	
MW-4	08/09/06	3388.92	59.01	ND	46.33	ND	NA	NA	NA	3342.59	
MW-4	08/22/06	3388.92	NG	NA	46.37	NA	NA	NA	NA	3342.55	
MW-4	09/12/06	3388.92	59.01	ND	46.41	ND	NA	NA	NA	3342.51	Sampled
MW-4	09/19/06	3388.92	59.01	ND	46.46	ND	NA	NA	NA	3342.46	
MW-4	10/03/06	3388.92	59.01	ND	46.45	ND	NA	NA	NA	3342.47	
MW-4	10/17/06	3388.92	NG	NA	46.38	NA	NA	NA	NA	3342.54	
MW-4	10/31/06	3388.92	NG	NA	46.36	NA	NA	NA	NA	3342.56	
MW-4	11/15/06	3388.92	NG	NA	46.78	NA	NA	NA	NA	3342.14	
MW-4	12/06/06	3388.92	58.92	ND	46.25	ND	NA	NA	NA	3342.67	Sampled
MW-4	12/13/06	3388.92	NG	NA	46.51	NA	NA	NA	NA	3342.41	
MW-4	01/03/07	3388.92	NG	NA	46.06	NA	NA	NA	NA	3342.86	
MW-4	01/09/07	3388.92	NG	NA	46.18	NA	NA	NA	NA	3342.74	
MW-4	01/18/07	3388.92	NG	NA	46.10	NA	Hand Bailed	0.00	10.00	3342.82	Bailed 11 Min
MW-4	01/18/07	3388.92	NG	NA	46.15	NA	Hand Bailed	0.00	10.00	3342.77	Bailed 11 Min
MW-4	01/18/07	3388.92	NG	NA	46.10	NA	NA	NA	NA	3342.82	
MW-4	01/25/07	3388.92	NG	NA	46.06	NA	NA	NA	NA	3342.86	
MW-4	01/31/07	3388.92	NG	NA	45.98	NA	NA	NA	NA	3342.94	
MW-4	02/07/07	3388.92	NG	NA	46.43	NA	NA	NA	NA	3342.49	
MW-4	02/14/07	3388.92	NG	NA	46.46	NA	NA	NA	NA	3342.46	
MW-4	03/01/07	3388.92	58.95	ND	45.98	ND	NA	NA	NA	3342.94	Sampled
MW-4	05/03/07	3388.92	58.95	ND	45.90	ND	NA	NA	NA	3343.02	
MW-4	05/31/07	3388.92	58.96	ND	45.92	ND	NA	NA	NA	3343.00	Sampled
MW-4	06/06/07	3388.92	58.95	ND	45.88	ND	NA	NA	NA	3343.04	
MW-4	07/05/07	3388.92	58.94	ND	45.98	ND	NA	NA	NA	3342.94	
MW-4	07/31/07	3388.92	58.95	ND	46.00	ND	NA	NA	NA	3342.92	
MW-4	09/07/07	3388.92	58.95	ND	46.10	ND	NA	NA	NA	3342.82	Sampled
MW-4	09/13/07	3388.92	58.95	ND	46.27	ND	Pumped	100.00	100.00	3342.65	
MW-4	09/13/07	3388.92	58.95	ND	46.88	ND	NA	NA	NA	3342.04	
MW-4	09/18/07	3388.92	58.95	ND	46.11	ND	Bailed	0.00	50.00	3342.81	
MW-4	09/18/07	3388.92	58.95	ND	46.60	ND	NA	NA	NA	3342.32	
MW-4	09/26/07	3388.92	58.95	ND	46.16	ND	NA	0.00	50.00	3342.76	
MW-4	09/26/07	3388.92	58.95	ND	46.73	ND	Pumped	NA	NA	3342.19	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	10/04/07	3388.92	58.95	ND	46.15	ND	NA	0.00	50.00	3342.77	
MW-4	10/04/07	3388.92	58.93	ND	46.99	ND	Pumped	NA	NA	3341.93	
MW-4	10/10/07	3388.92	58.95	ND	46.21	ND	NA	0.00	50.00	3342.71	
MW-4	10/10/07	3388.92	58.93	ND	46.92	ND	Pumped	NA	NA	3342.00	
MW-4	10/17/07	3388.92	58.95	ND	46.20	ND	NA	0.00	50.00	3342.72	
MW-4	10/17/07	3388.92	58.93	ND	46.74	ND	Pumped	NA	NA	3342.18	
MW-4	10/24/07	3388.92	58.95	ND	45.25	ND	NA	0.00	50.00	3343.67	
MW-4	10/24/07	3388.92	58.93	ND	45.30	ND	Pumped	NA	NA	3343.62	
MW-4	11/07/07	3388.92	58.95	ND	46.27	ND	NA	0.00	50.00	3342.65	
MW-4	11/07/07	3388.92	58.93	ND	46.30	ND	Pumped	NA	NA	3342.62	
MW-4	11/13/07	3388.92	58.93	ND	46.20	ND	NA	NA	NA	3342.72	Sampled
MW-4	12/05/07	3388.92	58.93	ND	46.15	ND	NA	NA	NA	3342.77	
MW-4	01/09/08	3388.92	58.90	ND	46.12	ND	NA	NA	NA	3342.80	
MW-4	02/06/08	3388.92	58.90	ND	46.16	ND	Pumped	0.00	20.00	3342.76	
MW-4	02/06/08	3388.92	58.90	ND	46.16	ND	NA	NA	NA	3342.76	
MW-4	02/13/08	3388.92	58.90	ND	46.11	ND	Pumped	0.00	20.00	3342.81	
MW-4	02/13/08	3388.92	58.90	ND	46.11	ND	NA	NA	NA	3342.81	
MW-4	02/19/08	3388.92	58.90	ND	46.11	ND	Pumped	0.00	20.00	3342.81	
MW-4	02/19/08	3388.92	58.90	ND	46.13	ND	NA	NA	NA	3342.79	
MW-4	02/27/08	3388.92	59.92	ND	46.11	ND	Pumped	0.00	20.00	3342.81	Sampled
MW-4	02/27/08	3388.92	58.90	ND	46.14	ND	NA	NA	NA	3342.78	
MW-4	03/04/08	3388.92	59.92	ND	46.10	ND	Pumped	0.00	20.00	3342.82	
MW-4	03/04/08	3388.92	58.90	ND	46.13	ND	NA	NA	NA	3342.79	
MW-4	03/12/08	3388.92	59.92	ND	46.08	ND	Pumped	0.00	20.00	3342.84	
MW-4	03/12/08	3388.92	58.90	ND	46.10	ND	NA	NA	NA	3342.82	
MW-4	03/19/08	3388.92	59.92	ND	46.11	ND	Pumped	0.00	20.00	3342.81	
MW-4	03/19/08	3388.92	58.90	ND	46.12	ND	NA	NA	NA	3342.80	
MW-4	03/26/08	3388.92	59.92	ND	46.05	ND	Pumped	0.00	20.00	3342.87	
MW-4	03/26/08	3388.92	58.90	ND	46.07	ND	NA	NA	NA	3342.85	
MW-4	04/02/08	3388.92	59.92	ND	46.07	ND	Pumped	0.00	20.00	3342.85	
MW-4	04/02/08	3388.92	58.90	ND	46.03	ND	NA	NA	NA	3342.89	
MW-4	04/09/08	3388.92	59.92	ND	45.99	ND	Pumped	0.00	20.00	3342.93	
MW-4	04/09/08	3388.92	58.90	ND	45.96	ND	NA	NA	NA	3342.96	
MW-4	04/16/08	3388.92	59.92	ND	45.98	ND	Pumped	0.00	20.00	3342.94	
MW-4	04/16/08	3388.92	58.90	ND	45.96	ND	NA	NA	NA	3342.96	
MW-4	04/24/08	3388.92	58.90	ND	45.96	ND	NA	NA	NA	3342.96	
MW-4	04/30/08	3388.92	58.90	ND	45.93	ND	Pumped	0.00	20.00	3342.99	
MW-4	04/30/08	3388.92	58.90	ND	45.95	ND	NA	NA	NA	3342.97	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	05/07/08	3388.92	58.90	ND	45.94	ND	Pumped	0.00	20.00	3342.98	
MW-4	05/07/08	3388.92	58.90	ND	45.94	ND	NA	NA	NA	3342.98	
MW-4	05/14/08	3388.92	58.90	ND	45.95	ND	Pumped	0.00	20.00	3342.97	
MW-4	05/14/08	3388.92	58.90	ND	45.96	ND	NA	NA	NA	3342.96	
MW-4	05/22/08	3388.92	58.90	ND	45.99	ND	Pumped	0.00	20.00	3342.93	Sampled
MW-4	05/22/08	3388.92	58.90	ND	45.99	ND	NA	NA	NA	3342.93	
MW-4	05/29/08	3388.92	58.90	ND	46.00	ND	NA	0.00	20.00	3342.92	
MW-4	05/29/08	3388.92	58.90	ND	46.01	ND	Pumped	NA	NA	3342.91	
MW-4	06/04/08	3388.92	58.90	ND	46.03	ND	NA	0.00	20.00	3342.89	
MW-4	06/04/08	3388.92	58.90	ND	46.02	ND	Pumped	NA	NA	3342.90	
MW-4	06/11/08	3388.92	58.90	ND	46.07	ND	NA	0.00	20.00	3342.85	
MW-4	06/11/08	3388.92	58.90	ND	46.09	ND	Pumped	NA	NA	3342.83	
MW-4	06/18/08	3388.92	58.90	ND	46.08	ND	NA	0.00	20.00	3342.84	
MW-4	06/18/08	3388.92	58.90	ND	46.10	ND	Pumped	NA	NA	3342.82	
MW-4	06/26/08	3388.92	58.90	ND	46.10	ND	NA	0.00	20.00	3342.82	
MW-4	06/26/08	3388.92	58.90	ND	46.13	ND	Pumped	NA	NA	3342.79	
MW-4	07/07/08	3388.92	58.90	ND	46.14	ND	NA	0.00	20.00	3342.78	
MW-4	07/07/08	3388.92	58.90	ND	46.15	ND	Pumped	NA	NA	3342.77	
MW-4	07/16/08	3388.92	58.90	ND	46.15	ND	NA	0.00	20.00	3342.77	
MW-4	07/16/08	3388.92	58.90	ND	46.17	ND	Pumped	NA	NA	3342.75	
MW-4	07/21/08	3388.92	58.90	ND	46.15	ND	NA	0.00	20.00	3342.77	
MW-4	07/21/08	3388.92	58.90	ND	46.16	ND	Pumped	NA	NA	3342.76	
MW-4	07/29/08	3388.92	58.90	ND	46.16	ND	NA	0.00	20.00	3342.76	
MW-4	07/29/08	3388.92	58.90	ND	46.16	ND	Pumped	NA	NA	3342.76	
MW-4	08/06/08	3388.92	58.90	ND	46.17	ND	NA	NA	NA	3342.75	
MW-4	08/13/08	3388.92	58.90	ND	46.16	ND	Pumped	0.00	20.00	3342.76	
MW-4	08/13/08	3388.92	58.90	ND	46.17	ND	NA	NA	NA	3342.75	
MW-4	08/20/08	3388.92	58.93	ND	46.20	ND	NA	NA	NA	3342.72	Sampled
MW-4	08/27/08	3388.92	58.93	ND	47.22	ND	Pumped	0.00	20.00	3341.70	
MW-4	08/27/08	3388.92	58.93	ND	47.24	ND	NA	NA	NA	3341.68	
MW-4	09/02/08	3388.92	58.93	ND	47.24	ND	Pumped	0.00	20.00	3341.68	
MW-4	09/02/08	3388.92	58.93	ND	47.24	ND	NA	NA	NA	3341.68	
MW-4	09/09/08	3388.92	58.93	ND	47.24	ND	Pumped	0.00	40.00	3341.68	
MW-4	09/09/08	3388.92	58.93	ND	47.26	ND	NA	NA	NA	3341.66	
MW-4	09/17/08	3388.92	58.93	ND	47.26	ND	Pumped	0.00	20.00	3341.66	
MW-4	09/17/08	3388.92	58.93	ND	47.27	ND	NA	NA	NA	3341.65	
MW-4	09/24/08	3388.92	58.93	ND	46.49	ND	Pumped	0.00	20.00	3342.43	
MW-4	09/24/08	3388.92	58.93	ND	46.51	ND	NA	NA	NA	3342.41	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	10/01/08	3388.92	58.93	ND	46.48	ND	Pumped	0.00	20.00	3342.44	
MW-4	10/01/08	3388.92	58.93	ND	46.50	ND	NA	NA	NA	3342.42	
MW-4	10/08/08	3388.92	58.93	ND	46.58	ND	Pumped	0.00	20.00	3342.34	
MW-4	10/08/08	3388.92	58.93	ND	46.58	ND	NA	NA	NA	3342.34	
MW-4	11/05/08	3388.92	58.93	ND	46.46	ND	Pumped	0.00	10.00	3342.46	
MW-4	11/05/08	3388.92	58.93	ND	47.57	ND	NA	NA	NA	3341.35	
MW-4	11/12/08	3388.92	58.93	ND	46.44	ND	NA	NA	NA	3342.48	
MW-4	11/19/08	3388.92	58.93	ND	46.46	ND	NA	NA	NA	3342.46	Sampled
MW-4	11/26/08	3388.92	58.93	ND	46.47	ND	Pumped	0.00	20.00	3342.45	
MW-4	11/26/08	3388.92	58.93	ND	46.49	ND	NA	NA	NA	3342.43	
MW-4	12/03/08	3388.92	58.93	ND	46.52	ND	Pumped	0.00	20.00	3342.40	
MW-4	12/03/08	3388.92	58.93	ND	46.58	ND	NA	NA	NA	3342.34	
MW-4	12/10/08	3388.92	58.93	ND	46.55	ND	Pumped	0.00	20.00	3342.37	
MW-4	12/10/08	3388.92	58.93	ND	46.55	ND	NA	NA	NA	3342.37	
MW-4	12/17/08	3388.92	58.93	ND	46.51	ND	Pumped	0.00	15.00	3342.41	
MW-4	12/17/08	3388.92	58.93	ND	46.54	ND	NA	NA	NA	3342.38	
MW-4	12/21/08	3388.92	58.93	ND	46.57	ND	Pumped	0.00	20.00	3342.35	
MW-4	12/21/08	3388.92	58.93	ND	46.58	ND	NA	NA	NA	3342.34	
MW-4	12/31/08	3388.92	58.93	ND	46.57	ND	Pumped	0.00	20.00	3342.35	
MW-4	12/31/08	3388.92	58.93	ND	46.57	ND	NA	NA	NA	3342.35	
MW-4	01/07/09	3388.92	58.93	ND	46.49	ND	Pumped	0.00	20.00	3342.43	
MW-4	01/07/09	3388.92	58.93	ND	46.51	ND	NA	NA	NA	3342.41	
MW-4	01/15/09	3388.92	58.93	ND	46.49	ND	Pumped	0.00	15.00	3342.43	
MW-4	01/15/09	3388.92	58.93	ND	46.51	ND	NA	NA	NA	3342.41	
MW-4	01/22/09	3388.92	58.93	ND	46.43	ND	Pumped	0.00	12.00	3342.49	
MW-4	01/22/09	3388.92	58.93	ND	46.45	ND	NA	NA	NA	3342.47	
MW-4	01/28/09	3388.92	58.93	ND	46.41	ND	Pumped	0.00	15.00	3342.51	
MW-4	01/28/09	3388.92	58.93	ND	46.43	ND	NA	NA	NA	3342.49	
MW-4	02/04/09	3388.92	58.99	ND	46.39	ND	Pumped	0.00	10.00	3342.53	
MW-4	02/04/09	3388.92	58.99	ND	46.41	ND	NA	NA	NA	3342.51	
MW-4	02/11/09	3388.92	58.99	ND	46.35	ND	Pumped	0.00	20.00	3342.57	
MW-4	02/11/09	3388.92	58.99	ND	46.36	ND	NA	NA	NA	3342.56	
MW-4	02/17/09	3388.92	58.92	ND	46.23	ND		NA	NA	3342.69	Sample
MW-4	02/25/09	3388.92	58.92	ND	46.29	ND	Pumped	0.00	20.00	3342.63	
MW-4	02/25/09	3388.92	58.92	ND	46.31	ND	NA	NA	NA	3342.61	
MW-4	03/04/09	3388.92	58.92	ND	46.30	ND	Pumped	0.00	20.00	3342.62	
MW-4	03/04/09	3388.92	58.92	ND	46.35	ND	NA	NA	NA	3342.57	
MW-4	03/11/09	3388.92	58.92	ND	46.38	ND	Pumped	0.00	20.00	3342.54	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	03/11/09	3388.92	58.92	ND	46.41	ND	NA	NA	NA	3342.51	
MW-4	03/18/09	3388.92	58.92	ND	46.33	ND	Pumped	0.00	20.00	3342.59	
MW-4	03/18/09	3388.92	58.92	ND	46.45	ND	NA	NA	NA	3342.47	
MW-4	03/25/09	3388.92	58.92	ND	46.37	ND	Pumped	0.00	20.00	3342.55	
MW-4	03/25/09	3388.92	58.92	ND	46.42	ND	NA	NA	NA	3342.50	
MW-4	04/01/09	3388.92	58.92	ND	46.33	ND	Pumped	0.00	20.00	3342.59	
MW-4	04/01/09	3388.92	58.92	ND	46.35	ND	NA	NA	NA	3342.57	
MW-4	04/15/09	3388.92	58.92	ND	46.38	ND	Pumped	0.00	20.00	3342.54	
MW-4	04/15/09	3388.92	58.92	ND	46.35	ND	NA	NA	NA	3342.57	
MW-4	04/22/09	3388.92	58.92	ND	46.34	ND	Pumped	0.00	20.00	3342.58	
MW-4	04/22/09	3388.92	58.92	ND	46.34	ND	NA	NA	NA	3342.58	
MW-4	04/29/09	3388.92	58.92	ND	46.44	ND	Pumped	0.00	20.00	3342.48	
MW-4	04/29/09	3388.92	58.92	ND	46.47	ND	NA	NA	NA	3342.45	
MW-4	05/06/09	3388.92	58.92	ND	46.48	ND	Pumped	0.00	20.00	3342.44	
MW-4	05/06/09	3388.92	58.92	ND	46.59	ND	NA	NA	NA	3342.33	
MW-4	05/14/09	3388.92	58.92	ND	46.50	ND	Pumped	0.00	20.00	3342.42	
MW-4	05/14/09	3388.92	58.92	ND	46.51	ND	NA	NA	NA	3342.41	
MW-4	05/19/09	3388.92	58.92	ND	46.50	ND	NA	NA	6.00	3342.42	Sampled
MW-4	05/28/09	3388.92	58.92	ND	46.48	ND	Pumped	0.00	20.00	3342.44	
MW-4	05/28/09	3388.92	58.92	ND	46.52	ND	NA	NA	NA	3342.40	
MW-4	06/03/09	3388.92	58.92	ND	46.50	ND	Pumped	0.00	20.00	3342.42	
MW-4	06/03/09	3388.92	58.92	ND	46.52	ND	NA	NA	NA	3342.40	
MW-4	06/11/09	3388.92	58.92	ND	46.47	ND	Pumped	0.00	20.00	3342.45	
MW-4	06/11/09	3388.92	58.92	ND	46.50	ND	NA	NA	NA	3342.42	
MW-4	06/17/09	3388.92	58.92	ND	46.62	ND	Pumped	0.00	20.00	3342.30	
MW-4	06/17/09	3388.92	58.92	ND	46.65	ND	NA	NA	NA	3342.27	
MW-4	06/23/09	3388.92	58.92	ND	46.62	ND	Pumped	0.00	20.00	3342.30	
MW-4	06/23/09	3388.92	58.92	ND	46.70	ND	NA	NA	NA	3342.22	
MW-4	07/01/09	3388.92	58.92	ND	46.58	ND	Pumped	0.00	20.00	3342.34	
MW-4	07/01/09	3388.92	58.92	ND	46.58	ND	NA	NA	NA	3342.34	
MW-4	07/07/09	3388.28	59.32	ND	46.54	ND		0.00	20.00	3341.74	
MW-4	07/07/09	3388.28	59.32	ND	46.56	ND	NA	NA	NA	3341.72	
MW-4	07/15/09	3388.92	58.92	ND	46.55	ND	Pumped	0.00	20.00	3342.37	
MW-4	07/15/09	3388.92	58.92	ND	46.55	ND	NA	NA	NA	3342.37	
MW-4	07/29/09	3388.92	58.92	ND	46.49	ND	Pumped	0.00	20.00	3342.43	
MW-4	07/29/09	3388.92	58.92	ND	46.47	ND	NA	NA	NA	3342.45	
MW-4	08/05/09	3388.92	58.92	ND	46.42	ND	Pumped	0.00	20.00	3342.50	
MW-4	08/05/09	3388.92	58.92	ND	46.92	ND	NA	NA	NA	3342.00	

TABLE 2
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	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	08/12/09	3388.92	58.92	ND	46.48	ND	Pumped	0.00	20.00	3342.44	
MW-4	08/12/09	3388.92	58.92	ND	46.68	ND	NA	NA	NA	3342.24	
MW-4	08/19/09	3388.92	58.92	ND	46.46	ND	Pumped	0.00	20.00	3342.46	
MW-4	08/19/09	3388.92	58.92	ND	46.50	ND	NA	NA	NA	3342.42	
MW-4	08/26/09	3388.92	58.90	ND	46.53	ND		0.00	6.00	3342.39	Sampled
MW-4	09/02/09	3388.92	58.90	ND	46.55	ND	Pumped	0.00	20.00	3342.37	
MW-4	09/02/09	3388.92	58.90	ND	46.60	ND	NA	NA	NA	3342.32	
MW-4	09/09/09	3388.92	58.90	ND	46.50	ND	Pumped	0.00	20.00	3342.42	
MW-4	09/09/09	3388.92	58.90	ND	46.51	ND	NA	NA	NA	3342.41	
MW-4	09/16/09	3388.92	58.90	ND	46.51	ND	Pumped	0.00	20.00	3342.41	
MW-4	09/16/09	3388.92	58.90	ND	46.53	ND	NA	NA	NA	3342.39	
MW-4	09/23/09	3388.92	58.90	ND	46.48	ND	Pumped	0.00	20.00	3342.44	
MW-4	09/23/09	3388.92	58.90	ND	46.50	ND	NA	NA	NA	3342.42	
MW-4	09/30/09	3388.92	58.90	ND	46.47	ND	Pumped	0.00	20.00	3342.45	
MW-4	09/30/09	3388.92	58.90	ND	46.48	ND	NA	NA	NA	3342.44	
MW-4	10/07/09	3388.92	58.90	ND	46.47	ND	Pumped	0.00	20.00	3342.45	
MW-4	10/07/09	3388.92	58.90	ND	46.48	ND	NA	NA	NA	3342.44	
MW-4	10/12/09	3388.92	58.90	ND	46.43	ND	Pumped	0.00	20.00	3342.49	
MW-4	10/12/09	3388.92	58.90	ND	46.49	ND	NA	NA	NA	3342.43	
MW-4	10/29/09	3388.92	58.90	ND	46.41	ND	Pumped	0.00	20.00	3342.51	
MW-4	10/29/09	3388.92	58.90	ND	46.42	ND	NA	NA	NA	3342.50	
MW-4	11/04/09	3388.92	58.90	ND	46.44	ND	Pumped	0.00	20.00	3342.48	
MW-4	11/04/09	3388.92	58.90	ND	46.45	ND	NA	NA	NA	3342.47	
MW-4	11/17/09	3388.92	58.90	ND	46.43	ND	Pumped	0.00	20.00	3342.49	Sampled
MW-4	11/25/09	3388.92	58.90	ND	46.43	ND	Pumped	0.00	20.00	3342.49	
MW-4	11/25/09	3388.92	58.90	ND	46.43	ND	NA	NA	NA	3342.49	
MW-4	12/02/09	3388.92	58.90	ND	46.39	ND	Pumped	0.00	20.00	3342.53	
MW-4	12/02/09	3388.92	58.90	ND	46.40	ND	NA	NA	NA	3342.52	
MW-4	12/09/09	3388.92	58.90	ND	46.42	ND	Pumped	0.00	20.00	3342.50	
MW-4	12/09/09	3388.92	58.90	ND	46.41	ND	NA	NA	NA	3342.51	
MW-4	12/16/09	3388.92	58.90	ND	46.46	ND	Pumped	0.00	20.00	3342.46	
MW-4	12/16/09	3388.92	58.90	ND	46.40	ND	NA	NA	NA	3342.52	
MW-4	12/23/09	3388.92	58.90	ND	46.39	ND	Pumped	0.00	20.00	3342.53	
MW-4	12/23/09	3388.92	58.90	ND	46.42	ND	NA	NA	NA	3342.50	
MW-4	12/30/09	3388.92	58.90	ND	46.39	ND	Pumped	0.00	20.00	3342.53	
MW-4	12/30/09	3388.92	58.90	ND	46.42	ND	NA	NA	NA	3342.50	
MW-4	01/06/10	3388.92	58.90	ND	46.49	ND	Pumped	0.00	20.00	3342.43	
MW-4	01/06/10	3388.92	58.90	ND	46.51	ND	NA	ND	NA	3342.41	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	01/13/10	3388.92	58.90	ND	46.57	ND	Pumped	0.00	20.00	3342.35	
MW-4	01/13/10	3388.92	58.90	ND	46.60	ND	NA	ND	NA	3342.32	
MW-4	01/20/10	3388.92	58.90	ND	46.60	ND	Pumped	0.00	20.00	3342.32	
MW-4	01/20/10	3388.92	58.90	ND	46.61	ND	NA	ND	NA	3342.31	
MW-4	01/27/10	3388.92	58.90	ND	46.66	ND	Pumped	0.00	20.00	3342.26	
MW-4	01/27/10	3388.92	58.90	ND	46.67	ND	NA	ND	NA	3342.25	
MW-4	02/09/10	3388.92	58.90	ND	46.72	ND	Pumped	0.00	20.00	3342.20	Sampled
MW-4	02/09/10	3388.92	58.90	ND	46.75	ND	NA	ND	NA	3342.17	
MW-4	02/17/10	3388.92	58.90	ND	46.67	ND	Pumped	0.00	20.00	3342.25	
MW-4	02/17/10	3388.92	58.90	ND	46.68	ND	NA	ND	NA	3342.24	
MW-4	03/02/10	3388.92	58.90	ND	46.76	ND	Pumped	0.00	20.00	3342.16	
MW-4	03/02/10	3388.92	58.90	ND	46.78	ND	NA	ND	NA	3342.14	
MW-4	03/10/10	3388.92	58.90	ND	46.71	ND	Pumped	0.00	20.00	3342.21	
MW-4	03/10/10	3388.92	58.90	ND	46.74	ND	NA	ND	NA	3342.18	
MW-4	03/17/10	3388.92	58.90	ND	46.80	ND	Pumped	0.00	20.00	3342.12	
MW-4	03/17/10	3388.92	58.90	ND	46.81	ND	NA	ND	NA	3342.11	
MW-4	03/24/10	3388.92	58.90	ND	46.80	ND	Pumped	0.00	20.00	3342.12	
MW-4	03/24/10	3388.92	58.90	ND	46.85	ND	NA	ND	NA	3342.07	
MW-4	03/31/10	3388.92	58.90	ND	46.74	ND	Pumped	0.00	20.00	3342.18	
MW-4	03/31/10	3388.92	58.90	ND	46.75	ND	NA	ND	NA	3342.17	
MW-4	04/07/10	3388.92	58.90	ND	46.78	ND	Pumped	0.00	20.00	3342.14	
MW-4	04/07/10	3388.92	58.90	ND	46.80	ND	NA	ND	NA	3342.12	
MW-4	04/14/10	3388.92	58.90	ND	46.82	ND	Pumped	0.00	20.00	3342.10	
MW-4	04/14/10	3388.92	58.90	ND	46.83	ND	NA	ND	NA	3342.09	
MW-4	04/21/10	3388.92	58.90	ND	46.78	ND	Pumped	0.00	20.00	3342.14	
MW-4	04/21/10	3388.92	58.90	ND	46.80	ND	NA	ND	NA	3342.12	
MW-4	04/28/10	3388.92	58.90	ND	46.80	ND	Pumped	0.00	20.00	3342.12	
MW-4	04/28/10	3388.92	58.90	ND	46.81	ND	NA	ND	NA	3342.11	
MW-4	05/05/10	3388.92	58.90	ND	46.87	ND	Pumped	0.00	20.00	3342.05	
MW-4	05/05/10	3388.92	58.90	ND	46.90	ND	NA	ND	NA	3342.02	
MW-4	05/12/10	3388.92	58.90	ND	46.86	ND	NA	ND	NA	3342.06	Sampled
MW-4	05/19/10	3388.92	58.90	ND	46.84	ND	Pumped	0.00	20.00	3342.08	
MW-4	05/19/10	3388.92	58.90	ND	46.85	ND	NA	ND	NA	3342.07	
MW-4	05/29/10	3388.92	58.90	ND	46.70	ND	Pumped	0.00	20.00	3342.22	
MW-4	05/29/10	3388.92	58.90	ND	46.73	ND	NA	ND	NA	3342.19	
MW-4	06/02/10	3388.92	58.90	ND	46.69	ND	NA	ND	NA	3342.23	
MW-4	06/12/10	3388.92	58.90	ND	46.63	ND	Pumped	0.00	20.00	3342.29	
MW-4	06/12/10	3388.92	58.90	ND	46.63	ND	NA	ND	NA	3342.29	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	06/15/10	3388.92	58.90	ND	46.52	ND	Pumped	0.00	20.00	3342.40	
MW-4	06/15/10	3388.92	58.90	ND	46.54	ND	NA	ND	NA	3342.38	
MW-4	06/25/10	3388.92	58.90	ND	46.58	ND	Pumped	0.00	20.00	3342.34	
MW-4	06/25/10	3388.92	58.90	ND	46.59	ND	NA	ND	NA	3342.33	
MW-4	06/30/10	3388.92	58.90	ND	46.55	ND	NA	ND	NA	3342.37	
MW-4	07/07/10	3388.92	58.90	ND	46.52	ND	Pumped	0.00	20.00	3342.40	
MW-4	07/07/10	3388.92	58.90	ND	46.54	ND	NA	ND	NA	3342.38	
MW-4	07/14/10	3388.92	58.90	ND	46.51	ND	Pumped	0.00	20.00	3342.41	
MW-4	07/14/10	3388.92	58.90	ND	46.51	ND	NA	ND	NA	3342.41	
MW-4	07/29/10	3388.92	58.90	ND	46.68	ND	Pumped	0.00	20.00	3342.24	
MW-4	07/28/10	3388.92	58.90	ND	46.69	ND	NA	ND	NA	3342.23	
MW-4	08/03/10	3388.92	58.90	ND	46.67	ND	Pumped	0.00	20.00	3342.25	
MW-4	08/03/10	3388.92	58.90	ND	46.68	ND	NA	ND	NA	3342.24	
MW-4	08/17/10	3388.92	58.90	ND	46.83	ND	Pumped	0.00	20.00	3342.09	
MW-4	08/17/10	3388.92	58.90	ND	46.83	ND	NA	ND	NA	3342.09	
MW-4	08/25/10	3388.92	58.90	ND	46.72	ND	Pumped	0.00	20.00	3342.20	
MW-4	08/25/10	3388.92	58.90	ND	46.74	ND	NA	ND	NA	3342.18	
MW-4	08/26/10	3388.92	58.90	ND	46.77	ND	NA	ND	NA	3342.15	Sampled
MW-4	09/01/10	3388.92	58.90	ND	46.62	ND	Pumped	0.00	20.00	3342.30	
MW-4	09/01/10	3388.92	58.90	ND	46.67	ND	NA	ND	NA	3342.25	
MW-4	09/08/10	3388.92	58.90	ND	46.77	ND	Pumped	0.00	20.00	3342.15	
MW-4	09/08/10	3388.92	58.90	ND	46.79	ND	NA	ND	NA	3342.13	
MW-4	09/15/10	3388.92	58.90	ND	46.84	ND	Pumped	0.00	20.00	3342.08	
MW-4	09/15/10	3388.92	58.90	ND	46.87	ND	NA	ND	NA	3342.05	
MW-4	09/21/10	3388.92	58.90	ND	46.76	ND	Pumped	0.00	20.00	3342.16	
MW-4	09/21/10	3388.92	58.90	ND	46.75	ND	NA	ND	NA	3342.17	
MW-4	10/01/10	3388.92	58.90	ND	46.71	ND	Pumped	0.00	20.00	3342.21	
MW-4	10/01/10	3388.92	58.90	ND	46.74	ND	NA	ND	NA	3342.18	
MW-4	10/06/10	3388.92	58.90	ND	46.69	ND	Pumped	0.00	20.00	3342.23	
MW-4	10/06/10	3388.92	58.90	ND	46.71	ND	NA	ND	NA	3342.21	
MW-4	10/13/10	3388.92	58.90	ND	46.69	ND	Pumped	0.00	20.00	3342.23	
MW-4	10/13/10	3388.92	58.90	ND	46.72	ND	NA	ND	NA	3342.20	
MW-4	10/27/10	3388.92	58.90	ND	46.83	ND	Pumped	0.00	20.00	3342.09	
MW-4	10/27/10	3388.92	58.90	ND	46.83	ND	NA	ND	NA	3342.09	
MW-4	11/03/10	3388.92	58.90	ND	46.81	ND	Pumped	0.00	20.00	3342.11	
MW-4	11/03/10	3388.92	58.90	ND	46.86	ND	NA	ND	NA	3342.06	
MW-4	11/10/10	3388.92	58.90	ND	46.84	ND	Pumped	0.00	20.00	3342.08	
MW-4	11/10/10	3388.92	58.90	ND	46.85	ND	NA	ND	NA	3342.07	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	11/18/10	3388.92	58.90	ND	46.92	ND	NA	ND	NA	3342.00	Sampled
MW-4	11/23/10	3388.92	58.90	ND	46.91	ND	Pumped	0.00	10.00	3342.01	
MW-4	11/23/10	3388.92	58.90	ND	46.92	ND	NA	ND	NA	3342.00	
MW-4	12/01/10	3388.92	58.90	ND	46.92	ND	Pumped	0.00	20.00	3342.00	
MW-4	12/01/10	3388.92	58.90	ND	46.96	ND	NA	ND	NA	3341.96	
MW-4	12/08/10	3388.92	58.90	ND	46.96	ND	NA	ND	NA	3341.96	
MW-4	12/15/10	3388.92	58.90	ND	46.92	ND	Pumped	0.00	20.00	3342.00	
MW-4	12/15/10	3388.92	58.90	ND	46.93	ND	NA	ND	NA	3341.99	
MW-4	12/21/10	3388.92	58.90	ND	46.99	ND	Pumped	0.00	20.00	3341.93	
MW-4	12/21/10	3388.92	58.90	ND	47.01	ND	NA	ND	NA	3341.91	
MW-4	01/12/11	3388.92	58.90	ND	46.98	ND	Hand Bailed	0.00	20.00	3341.94	
MW-4	01/12/11	3388.92	58.90	ND	47.00	ND	NA	NA	NA	3341.92	
MW-4	01/19/11	3388.92	58.90	ND	DNG	ND		0.00	20.00	DNG	
MW-4	01/19/11	3388.92	58.90	ND	DNG	ND	NA	NA	NA	DNG	
MW-4	01/25/11	3388.92	58.90	ND	46.97	ND		0.00	30.00	3341.95	
MW-4	01/25/11	3388.92	58.90	ND	46.98	ND	NA	NA	NA	3341.94	
MW-4	02/08/11	3388.92	58.90	ND	46.88	ND		0.00	15.00	3342.04	
MW-4	02/08/11	3388.92	58.90	ND	46.90	ND	NA	NA	NA	3342.02	
MW-4	02/24/11	3388.92	58.90	ND	46.84	ND	NA	NA	NA	3342.08	Sampled
MW-4	03/02/11	3388.92	58.90	ND	46.83	ND		0.00	20.00	3342.09	
MW-4	03/02/11	3388.92	58.90	ND	46.84	ND	NA	NA	NA	3342.08	
MW-4	03/08/11	3388.92	58.90	ND	46.90	ND		0.00	20.00	3342.02	
MW-4	03/08/11	3388.92	58.90	ND	46.93	ND	NA	NA	NA	3341.99	
MW-4	03/23/11	3388.92	58.90	ND	47.06	ND		0.00	20.00	3341.86	
MW-4	03/23/11	3388.92	58.90	ND	47.07	ND	NA	NA	NA	3341.85	
MW-4	04/13/11	3388.92	58.90	ND	47.00	ND	NA	NA	NA	3341.92	
MW-4	05/04/11	3388.92	58.90	ND	47.10	ND		0.00	20.00	3341.82	
MW-4	05/04/11	3388.92	58.90	ND	47.11	ND	NA	NA	NA	3341.81	
MW-4	05/31/11	3388.92	58.90	ND	47.27	ND	NA	NA	NA	3341.65	Sampled
MW-4	07/06/11	3388.92	58.90	ND	47.34	ND	NA	NA	NA	3341.58	
MW-4	08/29/11	3388.92	58.90	ND	47.83	ND	NA	NA	NA	3341.09	Sampled
MW-4	09/14/11	3388.92	58.90	ND	47.86	ND	NA	NA	NA	3341.06	
MW-4	10/12/11	3388.92	58.90	ND	47.95	ND	NA	NA	NA	3340.97	
MW-4	11/28/11	3388.92	58.90	ND	47.98	ND	NA	NA	NA	3340.94	Sampled
MW-4	12/07/11	3388.92	58.90	ND	58.58	ND	NA	NA	NA	3330.34	Sampled
MW-4	12/27/11	3388.92	58.90	ND	48.03	ND	NA	NA	NA	3340.89	
MW-4	01/18/12	3388.92	58.90	ND	47.84	ND	NA	NA	NA	3341.08	
MW-4	02/02/12	3388.92	58.90	ND	47.76	ND	NA	NA	NA	3341.16	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	02/15/12	3388.92	58.90	ND	47.77	ND	NA	NA	NA	3341.15	
MW-4	02/22/12	3388.92	58.90	ND	47.67	ND	NA	NA	NA	3341.25	
MW-4	04/20/12	3388.92	58.90	ND	47.65	ND	NA	NA	NA	3341.27	
MW-4	05/22/12	3388.92	58.90	ND	47.93	ND	NA	NA	NA	3340.99	
MW-4	07/18/12	3388.92	58.90	ND	48.42	ND	NA	NA	NA	3340.50	
MW-4	07/25/12	3388.92	58.90	ND	48.47	ND	NA	NA	NA	3340.45	
MW-4	07/25/12	3388.92	58.90	ND	48.50	ND	NA	NA	NA	3340.42	
MW-4	09/11/12	3388.92	58.90	ND	48.35	ND	NA	NA	NA	3340.57	
MW-4	10/16/12	3388.92	58.90	ND	48.33	ND	NA	NA	NA	3340.59	
MW-4	11/26/12	3388.92	58.90	ND	48.35	ND	NA	NA	NA	3340.57	
MW-4	12/11/12	3388.92	58.90	ND	48.54	ND	NA	NA	NA	3340.38	
MW-4	02/27/13	3388.92	58.90	ND	48.30	ND	NA	NA	NA	3340.62	
MW-4	06/10/13	3388.92	58.90	ND	48.41	ND	NA	NA	NA	3340.51	
MW-4	08/14/13	3388.92	58.90	ND	48.75	ND	NA	NA	NA	3340.17	
MW-4	09/11/13	3388.92	58.90	ND	48.87	ND	NA	NA	NA	3340.05	
MW-4	12/11/13	3388.92	58.90	ND	49.24	ND	NA	NA	NA	3339.68	
MW-4	02/26/14	3388.92	58.90	ND	49.60	ND		NA	NA	3339.32	
MW-4	03/05/14	3388.92	58.90	ND	49.56	ND		NA	NA	3339.36	Sampled
MW-4	06/06/14	3388.92	58.90	ND	49.75	ND		NA	NA	3339.17	Sampled
MW-4	09/18/14	3388.92	58.91	ND	49.69	ND		NA	NA	3339.23	Sampled
MW-4	11/12/14	3388.92	58.91	ND	49.36	ND		NA	NA	3339.56	Sampled
MW-4	02/24/15	3388.92	58.91	ND	49.00	ND		NA	NA	3339.92	Sampled
MW-4	06/13/15	3388.92	58.97	ND	48.48	ND		NA	NA	3340.44	Sampled
MW-4	08/27/15	3388.92	58.97	ND	48.62	ND		NA	NA	3340.30	Sampled
MW-4	11/15/15	3388.92	58.97	ND	48.78	ND		NA	NA	3340.14	Sampled
MW-4	03/08/16	3388.92	58.97	ND	48.38	ND		NA	NA	3340.54	Sampled
MW-4	05/20/16	3388.92	58.97	ND	48.28	ND		NA	NA	3340.64	Sampled
MW-4	09/21/16	3388.92	58.97	ND	48.27	ND		NA	NA	3340.65	Sampled
MW-4	12/16/16	3388.92	58.97	ND	47.87	ND		NA	NA	3341.05	Sampled
MW-4	05/16/17	3388.92	58.97	ND	47.44	ND		NA	NA	3341.48	Sampled
MW-4	09/13/17	3388.92	58.97	ND	47.12	ND		NA	NA	3341.80	Sampled
MW-4	11/29/17	3388.92	58.97	ND	46.93	ND		NA	NA	3341.99	Sampled
MW-4	03/08/18	3388.92	58.97	ND	46.39	ND		NA	NA	3342.53	Sampled
MW-4	06/07/18	3388.92	58.97	ND	46.65	ND		NA	NA	3342.27	Sampled
MW-4	09/12/18	3388.92	58.97	ND	46.85	ND		NA	NA	3342.07	Sampled
MW-4	11/29/18	3388.92	58.97	ND	46.72	ND		NA	NA	3342.20	Sampled
MW-4	02/14/19	3388.92	58.97	ND	46.58	ND		NA	NA	3342.34	Sampled
MW-4	05/10/19	3388.92	58.97	ND	46.44	ND		NA	NA	3342.48	Sampled

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-4	08/27/19	3388.92	58.97	ND	46.36	ND		NA	NA	3342.56	Sampled
MW-4	11/19/19	3388.92	58.97	ND	46.23	ND		NA	NA	3342.69	Sampled
MW-4	03/17/20	3388.92	58.97	ND	46.13	ND		NA	NA	3342.79	Sampled
MW-4	06/26/20	3388.92	58.97	ND	46.05	ND		NA	NA	3342.87	Sampled
MW-4	09/18/20	3388.92	58.97	ND	46.22	ND		NA	NA	3342.70	Sampled
MW-4	12/21/20	3388.92	58.97	ND	46.10	ND		NA	NA	3342.82	Sampled
MW-4	03/24/21	3388.92	58.97	ND	46.11	ND		NA	NA	3342.81	Sampled
MW-4	06/29/21	3388.92	58.97	ND	46.08	ND		NA	NA	3342.84	Sampled
MW-4	08/27/21	3388.92	58.97	ND	46.25	ND		NA	NA	3342.67	Sampled
MW-4	12/02/21	3388.92	58.97	ND	46.36	ND		NA	NA	3342.56	Sampled
MW-5	03/21/06	3389.40	59.27	ND	46.50	ND	NA	NA	NA	3342.90	
MW-5	03/28/06	3389.40	59.27	ND	46.44	ND	NA	NA	NA	3342.96	Sampled
MW-5	04/13/06	3389.40	NG	NA	46.48	NA	NA	NA	NA	3342.92	
MW-5	04/25/06	3389.40	NG	NA	46.47	NA	NA	NA	NA	3342.93	
MW-5	05/03/06	3389.40	NG	NA	46.41	NA	NA	NA	NA	3342.99	
MW-5	05/11/06	3389.40	NG	NA	46.47	NA	NA	NA	NA	3342.93	
MW-5	05/24/06	3389.40	NG	NA	46.46	NA	NA	NA	NA	3342.94	
MW-5	06/07/06	3389.40	NG	NA	46.44	NA	NA	NA	NA	3342.96	
MW-5	06/15/06	3389.40	NG	NA	46.48	NA	NA	NA	NA	3342.92	Sampled
MW-5	06/29/06	3389.40	NG	NA	46.56	NA	NA	NA	NA	3342.84	
MW-5	07/11/06	3389.40	NG	NA	46.51	NA	NA	NA	NA	3342.89	
MW-5	07/25/06	3389.40	NG	NA	46.63	NA	NA	NA	NA	3342.77	
MW-5	08/09/06	3389.40	59.10	ND	46.68	ND	NA	NA	NA	3342.72	
MW-5	08/22/06	3389.40	NG	NA	46.77	NA	NA	NA	NA	3342.63	
MW-5	09/12/06	3389.40	59.24	ND	46.84	ND	NA	NA	NA	3342.56	Sampled
MW-5	09/19/06	3389.40	59.24	ND	46.86	ND	NA	NA	NA	3342.54	
MW-5	10/03/06	3389.40	59.24	ND	46.85	ND	NA	NA	NA	3342.55	
MW-5	10/17/06	3389.40	NG	NA	46.80	NA	NA	NA	NA	3342.60	
MW-5	10/31/06	3389.40	NG	NA	46.79	NA	NA	NA	NA	3342.61	
MW-5	11/15/06	3389.40	NG	NA	46.35	NA	NA	NA	NA	3343.05	
MW-5	12/06/06	3389.40	59.20	ND	46.65	ND	NA	NA	NA	3342.75	Sampled
MW-5	12/13/06	3389.40	NG	NA	46.71	NA	NA	NA	NA	3342.69	
MW-5	01/03/07	3389.40	NG	NA	46.55	NA	NA	NA	NA	3342.85	
MW-5	01/09/07	3389.40	NG	NA	46.60	NA	NA	NA	NA	3342.80	
MW-5	01/18/07	3389.40	NG	NA	46.51	NA	NA	NA	NA	3342.89	
MW-5	01/25/07	3389.40	NG	NA	46.47	NA	NA	NA	NA	3342.93	
MW-5	01/31/07	3389.40	NG	NA	46.39	NA	NA	NA	NA	3343.01	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-5	02/07/07	3389.40	NG	NA	46.02	NA	NA	NA	NA	3343.38	
MW-5	02/14/07	3389.40	NG	NA	46.05	NA	NA	NA	NA	3343.35	
MW-5	03/01/07	3389.40	59.15	ND	46.35	ND	NA	NA	NA	3343.05	Sampled
MW-5	05/31/07	3389.40	59.13	ND	46.35	ND	NA	NA	NA	3343.05	Sampled
MW-5	06/06/07	3389.40	59.13	ND	46.30	ND	NA	NA	NA	3343.10	
MW-5	07/05/07	3389.40	59.24	ND	46.44	ND	NA	NA	NA	3342.96	
MW-5	07/31/07	3389.40	59.23	ND	46.48	ND	NA	NA	NA	3342.92	
MW-5	09/06/07	3389.40	59.23	ND	46.57	ND	NA	NA	NA	3342.83	Sampled
MW-5	10/04/07	3389.40	59.25	ND	46.67	ND	NA	NA	NA	3342.73	
MW-5	11/13/07	3389.40	59.16	ND	46.65	ND	NA	NA	NA	3342.75	Sampled
MW-5	12/05/07	3389.40	59.16	ND	46.60	ND	NA	NA	NA	3342.80	
MW-5	01/09/08	3389.40	59.12	ND	46.60	ND	NA	NA	NA	3342.80	
MW-5	02/06/08	3389.40	59.12	ND	46.63	ND	NA	NA	NA	3342.77	
MW-5	02/27/08	3389.40	59.12	ND	46.61	ND	NA	NA	NA	3342.79	Sampled
MW-5	04/02/08	3389.40	59.12	ND	46.58	ND	NA	NA	NA	3342.82	
MW-5	05/22/08	3389.40	59.12	ND	47.14	ND	NA	NA	NA	3342.26	Sampled
MW-5	06/26/08	3389.40	59.12	ND	47.18	ND	NA	NA	NA	3342.22	
MW-5	07/07/08	3389.40	59.12	ND	46.53	ND	NA	NA	NA	3342.87	
MW-5	08/20/08	3389.40	59.11	ND	46.60	ND	NA	NA	NA	3342.80	Sampled
MW-5	10/15/08	3389.40	59.16	ND	47.06	ND	NA	NA	NA	3342.34	
MW-5	11/19/08	3389.40	59.16	ND	46.89	ND	NA	NA	NA	3342.51	Sampled
MW-5	12/21/08	3389.40	59.16	ND	46.99	ND	NA	NA	NA	3342.41	
MW-5	01/07/09	3389.40	59.11	ND	46.87	ND	NA	NA	NA	3342.53	
MW-5	02/04/09	3389.40	59.17	ND	46.84	ND	NA	NA	NA	3342.56	
MW-5	02/17/09	3389.40	59.12	ND	46.68	ND	NA	NA	NA	3342.72	Sampled
MW-5	03/04/09	3389.40	59.12	ND	46.69	ND	NA	NA	NA	3342.71	
MW-5	04/08/09	3389.40	59.12	ND	46.77	ND	NA	NA	NA	3342.63	
MW-5	05/06/09	3389.40	59.12	ND	46.93	ND	NA	NA	NA	3342.47	
MW-5	05/19/09	3389.40	59.12	ND	46.96	ND	NA	NA	NA	3342.44	Sampled
MW-5	06/03/09	3389.40	59.12	ND	46.93	ND	NA	NA	NA	3342.47	
MW-5	07/15/09	3389.40	59.12	ND	46.55	ND	NA	NA	NA	3342.85	
MW-5	08/05/09	3389.40	59.12	ND	46.84	ND	NA	NA	NA	3342.56	
MW-5	08/26/09	3389.40	59.12	ND	46.98	ND		0.00	6.00	3342.42	Sampled
MW-5	09/02/09	3389.40	59.12	ND	46.99	ND	NA	NA	NA	3342.41	
MW-5	10/07/09	3389.40	59.12	ND	46.89	ND	NA	NA	NA	3342.51	
MW-5	11/04/09	3389.40	59.12	ND	46.85	ND	NA	NA	NA	3342.55	
MW-5	11/17/09	3389.40	59.12	ND	46.85	ND	NA	NA	NA	3342.55	Sampled
MW-5	12/02/09	3389.40	59.12	ND	46.82	ND	NA	NA	NA	3342.58	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-5	01/06/10	3389.40	59.12	ND	46.93	ND	NA	NA	NA	3342.47	
MW-5	02/09/10	3389.40	59.12	ND	47.20	ND	NA	NA	NA	3342.20	Sampled
MW-5	03/10/10	3389.40	59.12	ND	47.19	ND	NA	NA	NA	3342.21	
MW-5	04/07/10	3389.40	59.12	ND	47.24	ND	NA	NA	NA	3342.16	
MW-5	05/05/10	3389.40	59.12	ND	47.35	ND	NA	NA	NA	3342.05	
MW-5	05/12/10	3389.40	59.12	ND	47.36	ND	NA	NA	NA	3342.04	Sampled
MW-5	06/02/10	3389.40	59.12	ND	47.13	ND	NA	NA	NA	3342.27	
MW-5	07/07/10	3389.40	59.12	ND	46.96	ND	NA	NA	NA	3342.44	
MW-5	08/03/10	3389.40	59.12	ND	47.19	ND	NA	NA	NA	3342.21	
MW-5	08/26/10	3389.40	59.12	ND	47.15	ND	NA	NA	NA	3342.25	Sampled
MW-5	09/01/10	3389.40	59.12	ND	47.11	ND	NA	NA	NA	3342.29	
MW-5	10/13/10	3389.40	59.12	ND	47.16	ND	NA	NA	NA	3342.24	
MW-5	11/18/10	3389.40	59.12	ND	47.33	ND	NA	NA	NA	3342.07	Sampled
MW-5	11/23/10	3389.40	59.12	ND	47.40	ND	NA	NA	NA	3342.00	
MW-5	12/08/10	3389.40	59.12	ND	47.41	ND	NA	NA	NA	3341.99	
MW-5	01/12/11	3389.40	59.12	ND	47.44	ND	NA	NA	NA	3341.96	
MW-5	02/08/11	3389.40	59.12	ND	47.33	ND	NA	NA	NA	3342.07	
MW-5	02/24/11	3389.40	59.12	ND	47.26	ND	NA	NA	NA	3342.14	Sampled
MW-5	03/08/11	3389.40	59.12	ND	47.35	ND	NA	NA	NA	3342.05	
MW-5	04/13/11	3389.40	59.12	ND	47.44	ND	NA	NA	NA	3341.96	
MW-5	05/31/11	3389.40	59.12	ND	47.21	ND	NA	NA	NA	3342.19	Sampled
MW-5	07/06/11	3389.40	59.12	ND	47.79	ND	NA	NA	NA	3341.61	
MW-5	08/29/11	3389.40	59.12	ND	48.28	ND	NA	NA	NA	3341.12	Sampled
MW-5	09/14/11	3389.40	59.12	ND	48.31	ND	NA	NA	NA	3341.09	
MW-5	10/12/11	3389.40	59.12	ND	48.42	ND	NA	NA	NA	3340.98	
MW-5	11/28/11	3389.40	59.12	ND	48.43	ND	NA	NA	NA	3340.97	Sampled
MW-5	12/27/11	3389.40	59.12	ND	48.45	ND	NA	NA	NA	3340.95	
MW-5	01/18/12	3389.40	59.12	ND	48.25	ND	NA	NA	NA	3341.15	
MW-5	02/02/12	3389.40	59.12	ND	48.15	ND	NA	NA	NA	3341.25	
MW-5	02/15/12	3389.40	59.12	ND	48.12	ND	NA	NA	NA	3341.28	
MW-5	02/22/12	3389.40	59.12	ND	48.05	ND	NA	NA	NA	3341.35	
MW-5	04/20/12	3389.40	59.12	ND	48.09	ND	NA	NA	NA	3341.31	
MW-5	05/22/12	3389.40	59.12	ND	48.35	ND	NA	NA	NA	3341.05	
MW-5	07/18/12	3389.40	59.12	ND	48.89	ND	NA	NA	NA	3340.51	
MW-5	09/11/12	3389.40	59.12	ND	48.75	ND	NA	NA	NA	3340.65	
MW-5	10/16/12	3389.40	59.12	ND	48.73	ND	NA	NA	NA	3340.67	
MW-5	11/26/12	3389.40	59.12	ND	48.78	ND	NA	NA	NA	3340.62	
MW-5	12/11/12	3389.40	59.12	ND	48.73	ND	NA	NA	NA	3340.67	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-5	02/27/13	3389.40	59.12	ND	48.70	ND	NA	NA	NA	3340.70	
MW-5	06/10/13	3389.40	59.12	ND	48.82	ND	NA	NA	NA	3340.58	
MW-5	08/14/13	3389.40	59.12	ND	49.21	ND	NA	NA	NA	3340.19	
MW-5	09/11/13	3389.40	59.12	ND	49.31	ND	NA	NA	NA	3340.09	
MW-5	12/11/13	3389.40	59.12	ND	49.70	ND	NA	NA	NA	3339.70	
MW-5	02/26/14	3389.40	59.12	ND	50.06	ND		NA	NA	3339.34	
MW-5	03/05/14	3389.40	59.12	ND	50.01	ND		NA	NA	3339.39	Sampled
MW-5	06/06/14	3389.40	59.12	ND	50.22	ND		NA	NA	3339.18	Sampled
MW-5	09/18/14	3389.40	59.20	ND	50.11	ND		NA	NA	3339.29	Sampled
MW-5	11/12/14	3389.40	59.20	ND	49.78	ND		NA	NA	3339.62	Sampled
MW-5	02/24/15	3389.40	59.18	ND	49.44	ND		NA	NA	3339.96	Sampled
MW-5	06/13/15	3389.40	59.18	ND	48.89	ND		NA	NA	3340.51	Sampled
MW-5	08/27/15	3389.40	59.18	ND	49.08	ND		NA	NA	3340.32	Sampled
MW-5	11/15/15	3389.40	59.18	ND	49.26	ND		NA	NA	3340.14	Sampled
MW-5	03/08/16	3389.40	59.18	ND	48.85	ND		NA	NA	3340.55	Sampled
MW-5	05/20/16	3389.40	59.18	ND	48.73	ND		NA	NA	3340.67	Sampled
MW-5	12/16/16	3389.40	59.18	ND	48.29	ND		NA	NA	3341.11	Sampled
MW-5	05/16/17	3389.40	59.18	ND	47.83	ND		NA	NA	3341.57	Sampled
MW-5	09/13/17	3389.40	59.18	ND	47.55	ND		NA	NA	3341.85	Sampled
MW-5	11/29/17	3389.40	59.18	ND	47.35	ND		NA	NA	3342.05	Sampled
MW-5	03/08/18	3389.40	59.18	ND	47.11	ND		NA	NA	3342.29	Sampled
MW-5	06/07/18	3389.40	59.18	ND	47.06	ND		NA	NA	3342.34	Sampled
MW-5	09/12/18	3389.40	59.18	ND	47.27	ND		NA	NA	3342.13	Sampled
MW-5	11/29/18	3389.40	59.18	ND	47.13	ND		NA	NA	3342.27	Sampled
MW-5	02/14/19	3389.40	59.18	ND	46.99	ND		NA	NA	3342.41	Sampled
MW-5	05/10/19	3389.40	59.18	ND	46.84	ND		NA	NA	3342.56	Sampled
MW-5	08/27/19	3389.40	59.18	ND	46.78	ND		NA	NA	3342.62	Sampled
MW-5	11/19/19	3389.40	59.18	ND	46.63	ND		NA	NA	3342.77	Sampled
MW-5	03/17/20	3389.40	59.18	ND	46.53	ND		NA	NA	3342.87	Sampled
MW-5	06/26/20	3389.40	59.18	ND	46.46	ND		NA	NA	3342.94	Sampled
MW-5	09/18/20	3389.40	59.18	ND	46.63	ND		NA	NA	3342.77	Sampled
MW-5	12/21/20	3389.40	59.18	ND	46.48	ND		NA	NA	3342.92	Sampled
MW-5	03/24/21	3389.40	59.18	ND	46.51	ND		NA	NA	3342.89	Sampled
MW-5	06/29/21	3389.40	59.18	ND	46.48	ND		NA	NA	3342.92	Sampled
MW-5	08/27/21	3389.40	59.18	ND	46.63	ND		NA	NA	3342.77	Sampled
MW-5	12/02/21	3389.40	59.18	ND	46.75	ND		NA	NA	3342.65	Sampled
MW-6	05/24/06	3389.72	NG	NA	47.12	NA	NA	NA	NA	3342.60	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-6	06/07/06	3389.72	59.25	ND	47.10	ND	NA	NA	NA	3342.62	
MW-6	06/07/06	3389.72	NG	NA	47.15	NA	Hand Bailed	5.00	0.00	3342.57	
MW-6	06/15/06	3389.72	NG	NA	47.13	NA	NA	NA	NA	3342.59	Sampled
MW-6	06/29/06	3389.72	NG	NA	47.20	NA	NA	NA	NA	3342.52	
MW-6	07/11/06	3389.72	NG	NA	47.23	NA	NA	NA	NA	3342.49	
MW-6	07/25/06	3389.72	NG	NA	47.28	NA	NA	NA	NA	3342.44	
MW-6	08/09/06	3389.72	NG	NA	47.35	NA	NA	NA	NA	3342.37	
MW-6	08/22/06	3389.72	NG	NA	47.43	NA	NA	NA	NA	3342.29	
MW-6	09/12/06	3389.72	58.10	ND	47.46	ND	NA	NA	NA	3342.26	Sampled
MW-6	09/19/06	3389.72	NG	NA	47.51	NA	NA	NA	NA	3342.21	
MW-6	10/03/06	3389.72	NG	NA	47.51	NA	NA	NA	NA	3342.21	
MW-6	10/17/06	3389.72	NG	NA	47.48	NA	NA	NA	NA	3342.24	
MW-6	10/31/06	3389.72	NG	NA	47.45	NA	NA	NA	NA	3342.27	
MW-6	11/15/06	3389.72	NG	NA	47.00	NA	NA	NA	NA	3342.72	
MW-6	12/06/06	3389.72	57.61	ND	47.34	ND	NA	NA	NA	3342.38	Sampled
MW-6	12/13/06	3389.72	NG	NA	47.50	NA	NA	NA	NA	3342.22	
MW-6	01/03/07	3389.72	NG	NA	47.20	NA	NA	NA	NA	3342.52	
MW-6	01/09/07	3389.72	NG	NA	47.25	NA	NA	NA	NA	3342.47	
MW-6	01/18/07	3389.72	NG	NA	47.18	NA	NA	NA	NA	3342.54	
MW-6	01/25/07	3389.72	NG	NA	47.15	NA	NA	NA	NA	3342.57	
MW-6	01/31/07	3389.72	NG	NA	47.07	NA	NA	NA	NA	3342.65	
MW-6	02/07/07	3389.72	NG	NA	47.12	NA	NA	NA	NA	3342.60	
MW-6	02/14/07	3389.72	NG	NA	47.17	NA	NA	NA	NA	3342.55	
MW-6	03/01/07	3389.72	57.60	ND	47.08	ND	NA	NA	NA	3342.64	Sampled
MW-6	05/03/07	3389.72	57.60	ND	47.00	ND	NA	NA	NA	3342.72	
MW-6	05/31/07	3389.72	57.21	ND	47.01	ND	NA	NA	NA	3342.71	Sampled
MW-6	06/06/07	3389.72	57.21	ND	46.97	ND	NA	NA	NA	3342.75	
MW-6	07/05/07	3389.72	57.60	ND	47.09	ND	NA	NA	NA	3342.63	
MW-6	07/31/07	3389.72	57.60	ND	47.12	ND	NA	NA	NA	3342.60	
MW-6	09/06/07	3389.72	57.60	ND	47.20	ND	NA	NA	NA	3342.52	Sampled
MW-6	10/04/07	3389.72	57.60	ND	47.24	ND	NA	NA	NA	3342.48	
MW-6	11/13/07	3389.72	57.58	ND	47.31	ND	NA	NA	NA	3342.41	Sampled
MW-6	12/05/07	3389.72	57.58	ND	47.25	ND	NA	NA	NA	3342.47	
MW-6	01/09/08	3389.72	57.26	ND	47.24	ND	NA	NA	NA	3342.48	
MW-6	02/06/08	3389.72	57.26	ND	47.26	ND	NA	NA	NA	3342.46	
MW-6	02/27/08	3389.72	57.46	ND	47.24	ND	NA	NA	NA	3342.48	Sampled
MW-6	04/02/08	3389.72	57.46	ND	47.19	ND	NA	NA	NA	3342.53	
MW-6	05/22/08	3389.72	57.46	ND	47.14	ND	NA	NA	NA	3342.58	Sampled

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-6	06/27/08	3389.72	57.46	ND	47.24	ND	NA	NA	NA	3342.48	
MW-6	07/07/08	3389.72	57.46	ND	47.20	ND	NA	NA	NA	3342.52	
MW-6	08/20/08	3389.72	57.20	ND	47.28	ND	NA	NA	NA	3342.44	Sampled
MW-6	10/15/08	3389.72	57.25	ND	47.70	ND	NA	NA	NA	3342.02	
MW-6	11/19/08	3389.72	57.25	ND	47.56	ND	NA	NA	NA	3342.16	Sampled
MW-6	12/21/08	3389.72	57.25	ND	47.68	ND	NA	NA	NA	3342.04	
MW-6	01/07/09	3389.72	57.16	ND	47.54	ND	NA	NA	NA	3342.18	
MW-6	02/04/09	3389.72	57.14	ND	47.53	ND	NA	NA	NA	3342.19	
MW-6	02/17/09	3389.72	57.33	ND	47.36	ND	NA	NA	NA	3342.36	Sampled
MW-6	03/04/09	3389.72	57.33	ND	47.37	ND	NA	NA	NA	3342.35	
MW-6	04/08/09	3389.72	57.33	ND	47.43	ND	NA	NA	NA	3342.29	
MW-6	05/06/09	3389.72	57.33	ND	47.60	ND	NA	NA	NA	3342.12	
MW-6	05/19/09	3389.72	57.33	ND	47.59	ND		0.00	5.00	3342.13	Sampled
MW-6	06/03/09	3389.72	57.33	ND	47.58	ND		0.00	5.00	3342.14	
MW-6	07/15/09	3389.72	57.33	ND	47.65	ND		0.00	5.00	3342.07	
MW-6	08/05/09	3389.72	57.33	ND	47.51	ND	NA	NA	NA	3342.21	
MW-6	08/26/09	3389.72	57.45	ND	47.61	ND		0.00	5.00	3342.11	Sampled
MW-6	09/02/09	3389.72	57.45	ND	47.63	ND	NA	NA	NA	3342.09	
MW-6	10/07/09	3389.72	57.45	ND	47.55	ND	NA	NA	NA	3342.17	
MW-6	11/04/09	3389.72	57.45	ND	47.51	ND	NA	NA	NA	3342.21	
MW-6	11/17/09	3389.72	57.45	ND	47.51	ND	NA	NA	NA	3342.21	Sampled
MW-6	12/02/09	3389.72	57.45	ND	47.47	ND	NA	NA	NA	3342.25	
MW-6	01/06/10	3389.72	57.45	ND	47.56	ND	NA	NA	NA	3342.16	
MW-6	02/09/10	3389.72	57.45	ND	47.81	ND	NA	NA	NA	3341.91	Sampled
MW-6	03/10/10	3389.72	57.45	ND	47.82	ND	NA	NA	NA	3341.90	
MW-6	04/07/10	3389.72	57.45	ND	47.88	ND	NA	NA	NA	3341.84	
MW-6	05/05/10	3389.72	57.45	ND	47.98	ND	NA	NA	NA	3341.74	
MW-6	05/12/10	3389.72	57.45	ND	47.96	ND	NA	NA	NA	3341.76	Sampled
MW-6	06/02/10	3389.72	57.45	ND	47.78	ND	NA	NA	NA	3341.94	
MW-6	07/07/10	3389.72	57.45	ND	47.60	ND	NA	NA	NA	3342.12	
MW-6	08/03/10	3389.72	57.45	ND	47.80	ND	NA	NA	NA	3341.92	
MW-6	08/26/10	3389.72	57.45	ND	47.82	ND	NA	NA	NA	3341.90	Sampled
MW-6	09/01/10	3389.72	57.45	ND	47.74	ND	NA	NA	NA	3341.98	
MW-6	10/13/10	3389.72	57.45	ND	47.78	ND	NA	NA	NA	3341.94	
MW-6	11/18/10	3389.72	57.45	ND	48.01	ND	NA	NA	NA	3341.71	Sampled
MW-6	11/23/10	3389.72	57.45	ND	48.00	ND	NA	NA	NA	3341.72	
MW-6	12/08/10	3389.72	57.45	ND	48.03	ND	NA	NA	NA	3341.69	
MW-6	01/12/11	3389.72	57.45	ND	48.04	ND	NA	NA	NA	3341.68	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-6	02/08/11	3389.72	57.45	ND	47.94	ND	NA	NA	NA	3341.78	
MW-6	02/24/11	3389.72	57.45	ND	47.88	ND	NA	NA	NA	3341.84	Sampled
MW-6	03/08/11	3389.72	57.45	ND	47.95	ND	NA	NA	NA	3341.77	
MW-6	04/13/11	3389.72	57.45	ND	48.04	ND	NA	NA	NA	3341.68	
MW-6	05/31/11	3389.72	57.45	ND	48.35	ND	NA	NA	NA	3341.37	Sampled
MW-6	07/06/11	3389.72	57.45	ND	48.37	ND	NA	NA	NA	3341.35	
MW-6	08/29/11	3389.72	57.45	ND	48.85	ND	NA	NA	NA	3340.87	Sampled
MW-6	09/14/11	3389.72	57.45	ND	48.89	ND	NA	NA	NA	3340.83	
MW-6	10/12/11	3389.72	57.45	ND	48.99	ND	NA	NA	NA	3340.73	
MW-6	11/28/11	3389.72	57.45	ND	49.00	ND	NA	NA	NA	3340.72	Sampled
MW-6	12/27/11	3389.72	57.45	ND	49.05	ND	NA	NA	NA	3340.67	
MW-6	01/18/12	3389.72	57.45	ND	48.87	ND	NA	NA	NA	3340.85	
MW-6	02/02/12	3389.72	57.45	ND	48.79	ND	NA	NA	NA	3340.93	
MW-6	02/15/12	3389.72	57.45	ND	48.75	ND	NA	NA	NA	3340.97	
MW-6	02/22/12	3389.72	57.45	ND	48.69	ND	NA	NA	NA	3341.03	
MW-6	04/20/12	3389.72	57.45	ND	48.70	ND	NA	NA	NA	3341.02	
MW-6	05/22/12	3389.72	57.45	ND	48.93	ND	NA	NA	NA	3340.79	
MW-6	07/18/12	3389.72	57.45	ND	49.49	ND	NA	NA	NA	3340.23	
MW-6	09/11/12	3389.72	57.45	ND	49.43	ND	NA	NA	NA	3340.29	
MW-6	10/16/12	3389.72	57.45	ND	49.34	ND	NA	NA	NA	3340.38	
MW-6	11/26/12	3389.72	57.45	ND	49.45	ND	NA	NA	NA	3340.27	
MW-6	12/11/12	3389.72	57.45	ND	49.44	ND	NA	NA	NA	3340.28	
MW-6	02/27/13	3389.72	57.45	ND	49.39	ND	NA	NA	NA	3340.33	
MW-6	06/10/13	3389.72	57.45	ND	49.52	ND	NA	NA	NA	3340.20	
MW-6	08/14/13	3389.72	57.45	ND	49.86	ND	NA	NA	NA	3339.86	
MW-6	09/11/13	3389.72	57.45	ND	49.97	ND	NA	NA	NA	3339.75	
MW-6	12/11/13	3389.72	57.45	ND	50.34	ND	NA	NA	NA	3339.38	
MW-6	02/26/14	3389.72	57.45	ND	50.71	ND		NA	NA	3339.01	
MW-6	03/05/14	3389.72	57.45	ND	50.69	ND		NA	NA	3339.03	Sampled
MW-6	06/06/14	3389.72	57.45	ND	50.90	ND		NA	NA	3338.82	Sampled
MW-6	09/18/14	3389.72	57.76	ND	50.80	ND		NA	NA	3338.92	Sampled
MW-6	11/12/14	3389.72	57.76	ND	50.45	ND		NA	NA	3339.27	Sampled
MW-6	02/24/15	3389.72	57.76	ND	50.12	ND		NA	NA	3339.60	Sampled
MW-6	06/13/15	3389.72	57.76	ND	49.63	ND		NA	NA	3340.09	Sampled
MW-6	08/27/15	3389.72	57.76	ND	49.78	ND		NA	NA	3339.94	Sampled
MW-6	11/15/15	3389.72	57.76	ND	49.93	ND		NA	NA	3339.79	Sampled
MW-6	03/08/16	3389.72	57.76	ND	49.53	ND		NA	NA	3340.19	Sampled
MW-6	05/20/16	3389.72	57.76	ND	48.45	ND		NA	NA	3341.27	Sampled

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-6	09/21/16	3389.72	57.76	ND	49.40	ND		NA	NA	3340.32	Sampled
MW-6	12/16/16	3389.72	57.76	ND	48.98	ND		NA	NA	3340.74	Sampled
MW-6	05/16/17	3389.72	57.76	ND	48.54	ND		NA	NA	3341.18	Sampled
MW-6	09/13/17	3389.72	57.76	ND	48.23	ND		NA	NA	3341.49	Sampled
MW-6	11/29/17	3389.72	57.76	ND	48.05	ND		NA	NA	3341.67	Sampled
MW-6	03/08/18	3389.72	57.76	ND	47.78	ND		NA	NA	3341.94	Sampled
MW-6	06/06/18	3389.72	57.76	ND	47.73	ND		NA	NA	3341.99	Sampled
MW-6	09/12/18	3389.72	57.76	ND	47.92	ND		NA	NA	3341.80	Sampled
MW-6	11/29/18	3389.72	57.76	ND	47.79	ND		NA	NA	3341.93	Sampled
MW-6	02/14/19	3389.72	57.76	ND	47.64	ND		NA	NA	3342.08	Sampled
MW-6	05/10/19	3389.72	57.76	ND	47.73	ND		NA	NA	3341.99	Sampled
MW-6	08/27/19	3389.72	57.76	ND	47.51	ND		NA	NA	3342.21	Sampled
MW-6	11/19/19	3389.72	57.76	ND	47.29	ND		NA	NA	3342.43	Sampled
MW-6	03/17/20	3389.72	57.76	ND	47.19	ND		NA	NA	3342.53	Sampled
MW-6	06/26/20	3389.72	57.76	ND	47.11	ND		NA	NA	3342.61	Sampled
MW-6	09/18/20	3389.72	57.76	ND	47.27	ND		NA	NA	3342.45	Sampled
MW-6	12/21/20	3389.72	57.76	ND	47.12	ND		NA	NA	3342.60	Sampled
MW-6	03/24/21	3389.72	57.76	ND	47.16	ND		NA	NA	3342.56	Sampled
MW-6	06/29/21	3389.72	57.76	ND	46.12	ND		NA	NA	3343.60	Sampled
MW-6	08/27/21	3389.72	57.76	ND	47.28	ND		NA	NA	3342.44	Sampled
MW-6	12/02/21	3389.72	57.76	ND	47.39	ND		NA	NA	3342.33	Sampled
MW-7	05/24/06	3389.28	NG	NA	46.67	NA	NA	NA	NA	3342.61	
MW-7	06/07/06	3389.28	57.90	ND	46.69	ND	NA	NA	NA	3342.59	
MW-7	06/07/06	3389.28	NG	NA	46.77	NA	Hand Bailed	5.00	0.00	3342.51	
MW-7	06/15/06	3389.28	NG	NA	46.67	NA	NA	NA	NA	3342.61	Sampled
MW-7	06/29/06	3389.28	NG	NA	46.77	NA	NA	NA	NA	3342.51	
MW-7	07/11/06	3389.28	NG	NA	46.78	NA	NA	NA	NA	3342.50	
MW-7	07/25/06	3389.28	NG	NA	46.84	NA	NA	NA	NA	3342.44	
MW-7	08/09/06	3389.28	56.36	ND	46.94	ND	NA	NA	NA	3342.34	
MW-7	08/22/06	3389.28	NG	NA	46.98	NA	NA	NA	NA	3342.30	
MW-7	09/12/06	3389.28	56.54	ND	47.03	ND	NA	NA	NA	3342.25	Sampled
MW-7	09/19/06	3389.28	NG	NA	47.07	NA	NA	NA	NA	3342.21	
MW-7	10/03/06	3389.28	NG	NA	47.05	NA	NA	NA	NA	3342.23	
MW-7	10/17/06	3389.28	NG	NA	47.04	NA	NA	NA	NA	3342.24	
MW-7	10/31/06	3389.28	NG	NA	46.98	NA	NA	NA	NA	3342.30	
MW-7	11/15/06	3389.28	NG	NA	47.43	NA	NA	NA	NA	3341.85	
MW-7	12/06/06	3389.28	56.33	ND	46.88	ND	NA	NA	NA	3342.40	Sampled

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-7	12/13/06	3389.28	NG	NA	47.00	NA	NA	NA	NA	3342.28	
MW-7	01/03/07	3389.28	NG	NA	46.75	NA	NA	NA	NA	3342.53	
MW-7	01/09/07	3389.28	NG	NA	46.81	NA	NA	NA	NA	3342.47	
MW-7	01/18/07	3389.28	NG	NA	46.71	NA	NA	NA	NA	3342.57	
MW-7	01/25/07	3389.28	NG	NA	46.70	NA	NA	NA	NA	3342.58	
MW-7	01/31/07	3389.28	NG	NA	46.62	NA	NA	NA	NA	3342.66	
MW-7	02/07/07	3389.28	NG	NA	46.65	NA	NA	NA	NA	3342.63	
MW-7	02/14/07	3389.28	NG	NA	46.69	NA	NA	NA	NA	3342.59	
MW-7	03/01/07	3389.28	55.99	ND	46.62	ND	NA	NA	NA	3342.66	Sampled
MW-7	05/03/07	3389.28	55.99	ND	46.53	ND	NA	NA	NA	3342.75	
MW-7	05/31/07	3389.28	55.98	ND	46.53	ND	NA	NA	NA	3342.75	Sampled
MW-7	06/06/07	3389.28	55.98	ND	46.50	ND	NA	NA	NA	3342.78	
MW-7	07/05/07	3389.28	56.01	ND	46.60	ND	NA	NA	NA	3342.68	
MW-7	07/31/07	3389.28	56.02	ND	46.63	ND	NA	NA	NA	3342.65	
MW-7	09/06/07	3389.28	56.02	ND	46.72	ND	NA	NA	NA	3342.56	Sampled
MW-7	10/04/07	3389.28	56.02	ND	46.78	ND	NA	NA	NA	3342.50	
MW-7	11/13/07	3389.28	58.97	ND	46.80	ND	NA	NA	NA	3342.48	Sampled
MW-7	12/05/07	3389.28	58.97	ND	46.75	ND	NA	NA	NA	3342.53	
MW-7	01/09/08	3389.28	56.10	ND	46.75	ND	NA	NA	NA	3342.53	
MW-7	02/06/08	3389.28	56.10	ND	46.75	ND	NA	NA	NA	3342.53	
MW-7	02/27/08	3389.28	55.92	ND	46.72	ND	NA	NA	NA	3342.56	Sampled
MW-7	04/02/08	3389.28	55.92	ND	46.69	ND	NA	NA	NA	3342.59	
MW-7	05/22/08	3389.28	55.92	ND	46.63	ND	NA	NA	NA	3342.65	Sampled
MW-7	06/26/08	3389.28	55.92	ND	46.72	ND	NA	NA	NA	3342.56	
MW-7	07/07/08	3389.28	55.92	ND	46.72	ND	NA	NA	NA	3342.56	
MW-7	08/20/08	3389.28	55.88	ND	46.77	ND	NA	NA	NA	3342.51	Sampled
MW-7	10/15/08	3389.28	55.89	ND	47.20	ND	NA	NA	NA	3342.08	
MW-7	11/19/08	3389.28	55.89	ND	47.08	ND	NA	NA	NA	3342.20	
MW-7	12/21/08	3389.28	55.89	ND	47.18	ND	NA	NA	NA	3342.10	
MW-7	01/07/09	3389.28	55.53	ND	47.05	ND	NA	NA	NA	3342.23	
MW-7	02/04/09	3389.28	55.48	ND	47.05	ND	NA	NA	NA	3342.23	
MW-7	02/17/09	3389.28	55.82	ND	46.89	ND	NA	NA	NA	3342.39	Sampled
MW-7	03/04/09	3389.28	55.82	ND	46.90	ND	NA	NA	NA	3342.38	
MW-7	04/08/09	3389.28	55.82	ND	46.90	ND	NA	NA	NA	3342.38	
MW-7	05/07/09	3389.28	55.82	ND	47.11	ND	NA	NA	NA	3342.17	
MW-7	05/19/09	3389.28	55.82	ND	47.13	ND		0.00	5.00	3342.15	Sampled
MW-7	06/03/09	3389.28	55.82	ND	47.11	ND	NA	NA	NA	3342.17	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-7	07/15/09	3389.28	55.82	ND	47.17	ND	NA	NA	NA	3342.11	
MW-7	08/05/09	3389.28	55.82	ND	47.07	ND	NA	NA	NA	3342.21	
MW-7	08/26/09	3389.28	55.45	ND	47.13	ND		0.00	5.00	3342.15	Sampled
MW-7	09/02/09	3389.28	55.45	ND	47.17	ND	NA	NA	NA	3342.11	
MW-7	10/07/09	3389.28	55.45	ND	47.10	ND	NA	NA	NA	3342.18	
MW-7	11/04/09	3389.28	55.45	ND	47.08	ND	NA	NA	NA	3342.20	
MW-7	11/17/09	3389.28	55.45	ND	47.06	ND	NA	NA	NA	3342.22	Sampled
MW-7	12/02/09	3389.28	55.45	ND	47.03	ND	NA	NA	NA	3342.25	
MW-7	01/06/10	3389.28	55.45	ND	47.10	ND	NA	NA	NA	3342.18	
MW-7	02/09/10	3389.28	55.45	ND	47.30	ND	NA	NA	NA	3341.98	Sampled
MW-7	03/10/10	3389.28	55.45	ND	47.29	ND	NA	NA	NA	3341.99	
MW-7	04/07/10	3389.28	55.45	ND	47.37	ND	NA	NA	NA	3341.91	
MW-7	05/05/10	3389.28	55.45	ND	47.45	ND	NA	NA	NA	3341.83	
MW-7	05/12/10	3389.28	55.45	ND	47.45	ND	NA	NA	NA	3341.83	Sampled
MW-7	06/02/10	3389.28	55.45	ND	47.30	ND	NA	NA	NA	3341.98	
MW-7	07/07/10	3389.28	55.45	ND	47.17	ND	NA	NA	NA	3342.11	
MW-7	08/03/10	3389.28	55.45	ND	47.28	ND	NA	NA	NA	3342.00	
MW-7	08/26/10	3389.28	55.45	ND	47.27	ND	NA	NA	NA	3342.01	Sampled
MW-7	09/01/10	3389.28	55.45	ND	47.24	ND	NA	NA	NA	3342.04	
MW-7	10/13/10	3389.28	55.45	ND	47.28	ND	NA	NA	NA	3342.00	
MW-7	11/18/10	3389.28	55.45	ND	47.47	ND	NA	NA	NA	3341.81	Sampled
MW-7	11/23/10	3389.28	55.45	ND	47.51	ND	NA	NA	NA	3341.77	
MW-7	12/08/10	3389.28	55.45	ND	47.55	ND	NA	NA	NA	3341.73	
MW-7	01/12/11	3389.28	55.45	ND	47.56	ND	NA	NA	NA	3341.72	
MW-7	02/08/11	3389.28	55.45	ND	47.45	ND	NA	NA	NA	3341.83	
MW-7	02/24/11	3389.28	55.45	ND	47.41	ND	NA	NA	NA	3341.87	Sampled
MW-7	03/08/11	3389.28	55.45	ND	47.48	ND	NA	NA	NA	3341.80	
MW-7	04/13/11	3389.28	55.45	ND	47.59	ND	NA	NA	NA	3341.69	
MW-7	05/31/11	3389.28	55.45	ND	47.83	ND	NA	NA	NA	3341.45	Sampled
MW-7	07/06/11	3389.28	55.45	ND	47.91	ND	NA	NA	NA	3341.37	
MW-7	08/29/11	3389.28	55.45	ND	48.36	ND	NA	NA	NA	3340.92	Sampled
MW-7	09/14/11	3389.28	55.45	ND	48.40	ND	NA	NA	NA	3340.88	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-7	10/12/11	3389.28	55.45	ND	48.50	ND	NA	NA	NA	3340.78	
MW-7	11/28/11	3389.28	55.45	ND	48.53	ND	NA	NA	NA	3340.75	Sampled
MW-7	12/27/11	3389.28	55.45	ND	48.52	ND	NA	NA	NA	3340.76	
MW-7	01/18/12	3389.28	55.45	ND	48.41	ND	NA	NA	NA	3340.87	
MW-7	02/02/12	3389.28	55.45	ND	48.35	ND	NA	NA	NA	3340.93	
MW-7	02/15/12	3389.28	55.45	ND	48.32	ND	NA	NA	NA	3340.96	
MW-7	02/22/12	3389.28	55.45	ND	48.22	ND	NA	NA	NA	3341.06	
MW-7	04/20/12	3389.28	55.45	ND	48.23	ND	NA	NA	NA	3341.05	
MW-7	05/22/12	3389.28	55.45	ND	48.00	ND	NA	NA	NA	3341.28	
MW-7	07/18/12	3389.28	55.45	ND	49.00	ND	NA	NA	NA	3340.28	Sampled
MW-7	09/11/12	3389.28	55.45	ND	48.98	ND	NA	NA	NA	3340.30	
MW-7	10/16/12	3389.28	55.45	ND	48.95	ND	NA	NA	NA	3340.33	
MW-7	11/26/12	3389.28	55.45	ND	48.98	ND	NA	NA	NA	3340.30	
MW-7	12/11/12	3389.28	55.45	ND	48.98	ND	NA	NA	NA	3340.30	
MW-7	02/27/13	3389.28	55.45	ND	48.94	ND	NA	NA	NA	3340.34	
MW-7	06/10/13	3389.28	55.45	ND	49.05	ND	NA	NA	NA	3340.23	
MW-7	08/14/13	3389.28	55.45	ND	49.38	ND	NA	NA	NA	3339.90	
MW-7	09/11/13	3389.28	55.45	ND	49.51	ND	NA	NA	NA	3339.77	
MW-7	12/11/13	3389.28	55.45	ND	49.84	ND	NA	NA	NA	3339.44	
MW-7	02/26/14	3389.28	55.45	ND	50.20	ND		NA	NA	3339.08	
MW-7	03/05/14	3389.28	55.45	ND	50.19	ND		NA	NA	3339.09	Sampled
MW-7	06/06/14	3389.28	55.45	ND	50.36	ND		NA	NA	3338.92	Sampled
MW-7	09/18/14	3389.28	55.51	ND	50.33	ND		NA	NA	3338.95	Sampled
MW-7	11/12/14	3389.28	55.51	ND	49.97	ND		NA	NA	3339.31	Sampled
MW-7	02/24/15	3389.28	55.35	ND	49.63	ND		NA	NA	3339.65	Sampled
MW-7	06/13/15	3389.28	55.35	ND	49.14	ND		NA	NA	3340.14	Sampled
MW-7	08/27/15	3389.28	55.35	ND	49.28	ND		NA	NA	3340.00	Sampled
MW-7	11/15/15	3389.28	55.35	ND	49.44	ND		NA	NA	3339.84	Sampled
MW-7	03/08/16	3389.28	55.35	ND	49.02	ND		NA	NA	3340.26	Sampled
MW-7	05/20/16	3389.28	55.35	ND	48.94	ND		NA	NA	3340.34	Sampled
MW-7	09/21/16	3389.28	55.35	ND	48.91	ND		NA	NA	3340.37	
MW-7	12/16/16	3389.28	55.35	ND	48.53	ND		NA	NA	3340.75	sampled

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
MW-7	05/16/17	3389.28	55.35	ND	48.09	ND		NA	NA	3341.19	sampled
MW-7	09/13/17	3389.28	55.35	ND	47.78	ND		NA	NA	3341.50	sampled
MW-7	11/29/17	3389.28	55.34	ND	47.59	ND		NA	NA	3341.69	sampled
MW-7	03/08/18	3389.28	55.34	ND	47.34	ND		NA	NA	3341.94	sampled
MW-7	06/06/18	3389.28	55.34	ND	47.28	ND		NA	NA	3342.00	sampled
MW-7	09/12/18	3389.28	55.34	ND	47.50	ND		NA	NA	3341.78	sampled
MW-7	11/29/18	3389.28	55.34	ND	47.33	ND		NA	NA	3341.95	sampled
MW-7	02/14/19	3389.28	55.34	ND	47.19	ND		NA	NA	3342.09	Sampled
MW-7	05/10/19	3389.28	55.34	ND	47.28	ND		NA	NA	3342.00	Sampled
MW-7	08/27/19	3389.28	55.34	ND	47.07	ND		NA	NA	3342.21	Sampled
MW-7	11/19/19	3389.28	55.34	ND	46.85	ND		NA	NA	3342.43	Sampled
MW-7	03/17/20	3389.28	55.34	ND	46.75	ND		NA	NA	3342.53	Sampled
MW-7	06/26/20	3389.28	55.34	ND	46.67	ND		NA	NA	3342.61	Sampled
MW-7	09/18/20	3389.28	55.34	ND	46.85	ND		NA	NA	3342.43	Sampled
MW-7	12/21/20	3389.28	55.34	ND	46.71	ND		NA	NA	3342.57	Sampled
MW-7	03/24/201	3389.28	55.34	ND	46.73	ND		NA	NA	3342.55	Sampled
MW-7	06/29/21	3389.28	55.34	ND	46.70	ND		NA	NA	3342.58	Sampled
MW-7	08/27/21	3389.28	55.34	ND	46.85	ND		NA	NA	3342.43	Sampled
MW-7	12/02/21	3389.28	55.34	ND	46.97	ND		NA	NA	3342.31	Sampled
RW-1	08/12/14	3389.34		49.49	50.08	0.59		0.25	11.75	3339.76	
RW-1	08/21/14	3389.34		49.94	50.00	0.06		NA	NA	3339.39	
RW-1	08/26/14	3389.34		49.97	50.03	0.06		0.75	9.25	3339.36	
RW-1	09/03/14	3389.34		49.97	50.02	0.05		0.25	9.75	3339.36	
RW-1	09/09/14	3389.34		49.88	50.00	0.12		0.25	9.75	3339.44	
RW-1	09/18/14	3389.34		49.85	50.00	0.15		0.50	29.50	3339.47	Sampled
RW-1	09/24/14	3389.34		49.75	49.82	0.07		0.25	4.75	3339.58	
RW-1	09/29/14	3389.34		49.75	49.84	0.09		NA	NA	3339.58	
RW-1	10/13/14	3389.34		49.68	49.70	0.02		0.25	9.75	3339.66	
RW-1	10/20/14	3389.34		49.60	49.64	0.04		0.25	9.75	3339.73	
RW-1	10/28/14	3389.34		49.55	49.59	0.04		NA	NA	3339.78	
RW-1	11/04/14	3389.34		49.58	49.61	0.03		NA	NA	3339.76	
RW-1	11/12/14	3389.34		49.53	49.55	0.02		NA	NA	3339.81	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-1	11/20/14	3389.34		49.37	49.40	0.03		NA	NA	3339.97	
RW-1	11/25/14	3389.34		49.33	49.37	0.04		NA	NA	3340.00	
RW-1	12/05/14	3389.34		49.34	49.42	0.08		0.25	4.75	3339.99	
RW-1	12/17/14	3389.34		49.32	49.36	0.04		NA	NA	3340.01	
RW-1	12/22/14	3389.34		ND	49.38	ND		sheen	NA	3339.96	
RW-1	12/29/14	3389.34		ND	49.37	ND		sheen	NA	3339.97	
RW-1	01/05/15	3389.34		ND	48.66	ND		NA	10.00	3340.68	
RW-1	01/07/15	3389.34		ND	49.32	ND		NA	NA	3340.02	
RW-1	01/14/15	3389.34		48.98	49.27	0.29		NA	NA	3340.32	
RW-1	01/21/15	3389.34		ND	49.25	ND		NA	NA	3340.09	
RW-1	01/28/15	3389.34		ND	49.23	ND		NA	NA	3340.11	
RW-1	02/06/15	3389.34		ND	49.23	ND		NA	NA	3340.11	
RW-1	02/10/15	3389.34		ND	49.21	ND		NA	NA	3340.13	
RW-1	02/17/15	3389.34		ND	49.21	ND		NA	NA	3340.13	
RW-1	02/24/15	3389.34		ND	49.18	ND		NA	NA	3340.16	
RW-1	03/05/15	3389.34		49.70	49.72	0.02		0.50	9.50	3339.64	
RW-1	03/11/15	3389.34		49.13	49.16	0.03		NA	NA	3340.21	
RW-1	03/17/15	3389.34		49.15	49.20	0.05		NA	NA	3340.18	
RW-1	03/23/15	3389.34		49.11	49.19	0.08		NA	NA	3340.22	
RW-1	03/31/15	3389.34		49.15	49.33	0.18		0.50	15.40	3340.16	CLEAR @4GAL
RW-1	04/07/15	3389.34		49.11	49.14	0.03		0.25	9.75	3340.23	
RW-1	04/15/15	3389.34		49.08	49.13	0.05		0.25	9.75	3340.25	
RW-1	04/21/15	3389.34		49.07	49.10	0.03		NA	NA	3340.27	
RW-1	04/29/15	3389.34		48.95	48.98	0.03		0.25	9.50	3340.39	
RW-1	05/06/15	3389.34		47.88	47.89	0.01		0.25	9.75	3341.46	
RW-1	05/27/15	3389.34		ND	48.78	ND		NA	10.00	3340.56	
RW-1	06/04/15	3389.34		ND	48.61	ND		NA	10.00	3340.73	
RW-1	06/09/15	3389.34		ND	48.69	ND		NA	10.00	3340.65	
RW-1	06/13/15	3389.34	64.60	ND	48.61	ND		NA	NA	3340.73	Sampled
RW-1	07/01/15	3389.34	64.60	ND	48.60	ND		NA	NA	3340.74	
RW-1	07/08/15	3389.34	64.60	ND	48.59	ND		NA	NA	3340.75	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-1	07/28/15	3389.34	64.60	NA	NG	NA		NA	10.00	NG	interface malfunction
RW-1	08/05/15	3389.34	64.60	ND	48.58	ND		NA	NA	3340.76	
RW-1	08/12/15	3389.34	64.60	ND	48.65	ND		NA	NA	3340.69	
RW-1	08/20/15	3389.34	64.60	ND	48.75	ND		NA	10.00	3340.59	
RW-1	08/27/15	3389.34	64.60	ND	48.81	ND		NA	NA	3340.53	
RW-1	09/01/15	3389.34	64.60	ND	48.86	ND		NA	10.00	3340.48	
RW-1	09/10/15	3389.34	64.60	48.95	48.97	0.02		NA	NA	3340.39	
RW-1	09/16/15	3389.34	64.60	48.99	49.01	0.02		0.25	9.75	3340.35	
RW-1	09/28/15	3389.34	64.60	49.02	49.08	0.06		0.25	9.75	3340.31	
RW-1	10/07/15	3389.34	64.60	49.03	49.05	0.02		0.25	9.75	3340.31	
RW-1	10/13/15	3389.34	64.60	sheen	49.05	sheen		0.25	9.75	3340.29	
RW-1	10/20/15	3389.34	64.60	sheen	49.05	sheen		0.25	9.75	3340.29	
RW-1	10/28/15	3389.34	64.60	49.04	49.05	0.01		0.25	9.75	3340.30	
RW-1	11/03/15	3389.34	64.60	sheen	49.03	sheen		NA	NA	3340.31	
RW-1	11/12/15	3389.34	64.60	49.01	49.02	0.01		NA	10.00	3340.33	
RW-1	11/15/15	3389.34	64.60	sheen	48.94	sheen		NA	NA	3340.40	
RW-1	11/17/15	3389.34	64.60	48.91	48.92	0.01		NA	NA	3340.43	
RW-1	11/24/15	3389.34	64.60	48.92	48.93	0.01		NA	NA	3340.42	
RW-1	12/09/15	3389.34	64.60	48.83	48.84	0.01		NA	10.00	3340.51	
RW-1	12/15/15	3389.34	64.60	ND	48.86	ND		NA	NA	3340.48	
RW-1	12/31/15	3389.34	64.60	ND	48.78	ND		NA	NA	3340.56	
RW-1	01/05/16	3389.34	64.60	ND	48.66	ND		NA	10.00	3340.68	
RW-1	01/19/16	3389.34	64.60	ND	48.65	ND		sheen	10.00	3340.69	
RW-1	01/26/16	3389.34	64.60	ND	48.64	ND		NA	NA	3340.70	
RW-1	02/02/16	3389.34	64.60	ND	48.58	ND		NA	10.00	3340.76	
RW-1	02/09/16	3389.34	64.60	ND	48.53	ND		NA	10.00	3340.81	
RW-1	02/17/16	3389.34	64.60	ND	48.49	ND		NA	10.00	3340.85	
RW-1	02/24/16	3389.34	64.60	ND	48.56	ND		NA	10.00	3340.78	
RW-1	03/01/16	3389.34	64.60	ND	48.58	ND		NA	NA	3340.76	
RW-1	03/08/16	3389.34	64.60	ND	48.57	ND		NA	NA	3340.77	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-1	03/15/16	3389.34	64.60	ND	48.62	ND		NA	NA	3340.72	
RW-1	03/22/16	3389.34	64.60	ND	48.58	ND		NA	NA	3340.76	
RW-1	03/29/16	3389.34	64.60	ND	48.59	ND		NA	10.00	3340.75	
RW-1	04/05/16	3389.34	64.60	ND	48.64	ND		NA	NA	3340.70	
RW-1	04/12/16	3389.34	64.60	ND	48.68	ND		NA	NA	3340.66	
RW-1	04/19/16	3389.34	64.60	ND	48.47	ND		NA	NA	3340.87	
RW-1	04/27/16	3389.34	64.60	ND	48.45	ND		NA	NA	3340.89	
RW-1	05/05/16	3389.34	64.60	ND	48.43	ND		NA	NA	3340.91	
RW-1	05/12/16	3389.34	64.60	ND	48.41	ND		NA	NA	3340.93	
RW-1	05/20/16	3389.34	64.60	48.42	48.43	0.01		sheen	30.00	3340.92	Sampled
RW-1	05/26/16	3389.34	64.60	ND	48.46	ND		NA	NA	3340.88	
RW-1	06/02/16	3389.34	64.60	ND	48.55	ND		NA	NA	3340.79	
RW-1	06/10/16	3389.34	64.60	ND	48.42	ND		NA	NA	3340.92	
RW-1	06/23/16	3389.34	64.60	ND	48.38	ND		NA	NA	3340.96	
RW-1	06/27/16	3389.34	64.60	ND	48.30	ND		NA	NA	3341.04	
RW-1	07/06/16	3389.34	64.60	ND	48.28	ND		NA	NA	3341.06	
RW-1	07/15/16	3389.34	64.60	ND	48.25	ND		NA	10.00	3341.09	
RW-1	07/27/16	3389.34	64.60	ND	48.23	ND		NA	10.00	3341.11	
RW-1	08/03/16	3389.34	64.60	48.33	48.34	0.01		sheen	10.00	3341.01	
RW-1	08/12/16	3389.34	64.60	ND	48.02	ND		NA	10.00	3341.32	
RW-1	08/17/16	3389.34	64.60	ND	48.31	ND		NA	10.00	3341.03	
RW-1	08/24/16	3389.34	64.60	sheen	48.38	sheen		NA	10.00	3340.96	
RW-1	08/31/16	3389.34	64.60	sheen	48.41	sheen		NA	NA	3340.93	
RW-1	09/07/16	3389.34	64.60	sheen	48.43	sheen		sheen	10.00	3340.91	
RW-1	09/16/16	3389.34	64.60	sheen	48.51	sheen		NA	10.00	3340.83	
RW-1	09/21/16	3389.34	64.60	ND	48.44	ND		NA	NA	3340.90	
RW-1	09/28/16	3389.34	64.60	ND	48.35	ND		NA	10.00	3340.99	
RW-1	10/12/16	3389.34	64.60	sheen	48.27	sheen		sheen	10.00	3341.07	
RW-1	10/19/16	3389.34	64.60	sheen	48.22	sheen		NA	10.00	3341.12	
RW-1	10/25/16	3389.34	64.60	48.21	48.22	0.01		NA	10.00	3341.13	

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D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-1	11/01/16	3389.34	64.60	ND	48.17	ND		NA	10.00	3341.17	
RW-1	11/09/16	3389.34	64.60	ND	48.16	ND		NA	10.00	3341.18	
RW-1	11/16/16	3389.34	64.60	ND	48.11	ND		NA	10.00	3341.23	
RW-1	11/22/16	3389.34	64.60	ND	48.07	ND		NA	10.00	3341.27	
RW-1	11/30/16	3389.34	64.60	ND	48.10	ND		NA	10.00	3341.24	
RW-1	12/06/16	3389.34	64.60	sheen	48.06	sheen		NA	10.00	3341.28	
RW-1	12/16/16	3389.34	64.60	sheen	48.00	sheen		NA	NA	3341.34	
RW-1	12/22/16	3389.34	64.60	sheen	48.02	sheen		NA	NA	3341.32	
RW-1	12/28/16	3389.34	64.60	ND	47.96	ND		NA	NA	3341.38	
RW-1	01/05/17	3389.34	64.60	ND	47.97	ND		NA	10.00	3341.37	
RW-1	01/11/17	3389.34	64.60	ND	47.91	ND		NA	10.00	3341.43	
RW-1	01/18/17	3389.34	64.60	ND	47.91	ND		NA	10.00	3341.43	
RW-1	01/25/17	3389.34	64.60	ND	47.91	ND		NA	10.00	3341.43	
RW-1	02/01/17	3389.34	64.60	ND	47.87	ND		NA	10.00	3341.47	
RW-1	02/08/17	3389.34	64.60	ND	47.81	ND		NA	10.00	3341.53	
RW-1	02/15/17	3389.34	64.60	ND	47.86	ND		NA	10.00	3341.48	
RW-1	02/23/17	3389.34	64.60	ND	47.80	ND		NA	10.00	3341.54	
RW-1	03/08/17	3389.34	64.60	sheen	47.81	sheen		NA	10.00	3341.53	
RW-1	03/14/17	3389.34	64.60	ND	47.77	ND		NA	10.00	3341.57	
RW-1	03/21/17	3389.34	64.60	ND	47.73	ND		NA	10.00	3341.61	
RW-1	03/29/17	3389.34	64.60	sheen	47.74	sheen		NA	10.00	3341.60	
RW-1	04/05/17	3389.34	64.60	sheen	47.75	sheen		NA	10.00	3341.59	
RW-1	04/12/17	3389.34	64.60	sheen	47.74	sheen		NA	10.00	3341.60	
RW-1	04/19/17	3389.34	64.60	ND	47.66	ND		NA	10.00	3341.68	
RW-1	04/26/17	3389.34	64.60	ND	47.69	ND		NA	10.00	3341.65	
RW-1	05/03/17	3389.34	64.60	ND	47.63	ND		NA	10.00	3341.71	
RW-1	05/16/17	3389.34	64.60	sheen	47.57	sheen		NA	NA	3341.77	Sampled
RW-1	05/25/17	3389.34	64.60	ND	47.66	ND		NA	10.00	3341.68	
RW-1	06/01/17	3389.34	64.60	ND	47.60	ND		NA	10.00	3341.74	
RW-1	06/05/17	3389.34	64.60	ND	47.53	ND		NA	10.00	3341.81	

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D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-1	06/13/17	3389.34	64.60	sheen	47.50	sheen		sheen	10.00	3341.84	
RW-1	06/21/17	3389.34	64.60	sheen	47.55	sheen		sheen	10.00	3341.79	
RW-1	06/28/17	3389.34	64.60	ND	47.48	ND		NA	10.00	3341.86	
RW-1	07/12/17	3389.34	64.60	sheen	47.44	sheen		sheen	10.00	3341.90	
RW-1	07/18/17	3389.34	64.60	sheen	47.42	sheen		NA	10.00	3341.92	
RW-1	07/26/17	3389.34	64.60	sheen	47.40	sheen		sheen	10.00	3341.94	
RW-1	08/02/17	3389.34	64.60	sheen	47.42	sheen		NA	10.00	3341.92	
RW-1	08/09/17	3389.34	64.60	sheen	47.40	sheen		sheen	10.00	3341.94	
RW-1	08/16/17	3389.34	64.60	sheen	47.48	sheen		NA	10.00	3341.86	
RW-1	08/23/17	3389.34	64.60	sheen	47.45	sheen		NA	10.00	3341.89	
RW-1	08/30/17	3389.34	64.60	sheen	47.40	sheen		NA	10.00	3341.94	
RW-1	09/07/17	3389.34	64.60	sheen	47.42	sheen		sheen	10.00	3341.92	
RW-1	09/13/17	3389.34	64.60	sheen	47.40	sheen		NA	NA	3341.94	
RW-1	09/26/17	3389.34	64.60	sheen	47.32	sheen		sheen	10.00	3342.02	
RW-1	10/04/17	3389.34	64.60	sheen	47.32	sheen		NA	NA	3342.02	
RW-1	10/12/17	3389.34	64.60	sheen	47.35	sheen		NA	10.00	3341.99	
RW-1	10/18/17	3389.34	64.60	ND	47.36	ND		NA	NA	3341.98	
RW-1	10/26/17	3389.34	64.60	ND	47.40	ND		NA	NA	3341.94	
RW-1	11/01/17	3389.34	64.60	sheen	47.42	sheen		NA	NA	3341.92	
RW-1	11/09/17	3389.34	64.60	ND	47.40	ND		NA	NA	3341.94	
RW-1	11/15/17	3389.34	64.60	ND	47.14	ND		NA	10.00	3342.20	
RW-1	11/29/17	3389.34	64.60	sheen	47.21	sheen		NA	NA	3342.13	
RW-1	12/06/17	3389.34	64.60	ND	47.11	ND		NA	NA	3342.23	
RW-1	12/13/17	3389.34	64.60	ND	47.05	ND		NA	10.00	3342.29	
RW-1	01/04/18	3389.34	64.60	ND	47.03	ND		NA	10.00	3342.31	
RW-1	01/10/18	3389.34	64.60	ND	46.95	ND		NA	NA	3342.39	
RW-1	01/17/18	3389.34	64.60	ND	46.97	ND		NA	NA	3342.37	
RW-1	01/26/18	3389.34	64.60	ND	46.86	ND		NA	NA	3342.48	
RW-1	02/01/18	3389.34	64.60	ND	46.90	ND		NA	NA	3342.44	
RW-1	02/08/18	3389.34	64.60	ND	46.87	ND		NA	10.00	3342.47	

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D.S. HUGH SITE
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								PSH	H ₂ O		
RW-1	02/14/18	3389.34	64.60	ND	46.83	ND		NA	NA	3342.51	
RW-1	02/21/18	3389.34	64.60	ND	46.82	ND		NA	10.00	3342.52	
RW-1	02/28/18	3389.34	64.60	ND	46.80	ND		NA	NA	3342.54	
RW-1	03/08/18	3389.34	64.60	sheen	46.90	sheen		NA	NA	3342.44	Sampled
RW-1	03/15/18	3389.34	64.60	ND	46.88	ND		NA	10.00	3342.46	
RW-1	03/22/18	3389.34	64.60	ND	46.82	ND		NA	10.00	3342.52	
RW-1	03/28/18	3389.34	64.60	ND	46.85	ND		NA	10.00	3342.49	
RW-1	04/03/18	3389.34	64.60	sheen	46.86	sheen		NA	10.00	3342.48	
RW-1	04/10/18	3389.34	64.60	ND	46.90	ND		NA	10.00	3342.44	
RW-1	04/19/18	3389.34	64.60	ND	46.92	ND		NA	10.00	3342.42	
RW-1	04/25/18	3389.34	64.60	ND	46.92	ND		NA	10.00	3342.42	
RW-1	05/02/18	3389.34	64.60	ND	46.80	ND		sheen	10.00	3342.54	
RW-1	05/10/18	3389.34	64.60	sheen	46.86	sheen		NA	10.00	3342.48	
RW-1	05/15/18	3389.34	64.60	sheen	46.82	sheen		NA	NA	3342.52	
RW-1	05/23/18	3389.34	64.60	sheen	46.80	sheen		NA	10.00	3342.54	
RW-1	06/07/18	3389.34	64.50	ND	46.81	ND		NA	NA	3342.53	Sampled
RW-1	06/13/18	3389.34	64.50	ND	46.88	ND		NA	10.00	3342.46	
RW-1	06/20/18	3389.34	64.50	ND	46.94	ND		NA	10.00	3342.40	
RW-1	06/28/18	3389.34	64.50	ND	46.84	ND		NA	10.00	3342.50	
RW-1	07/05/18	3389.34	64.50	ND	46.88	ND		NA	10.00	3342.46	
RW-1	07/12/18	3389.34	64.50	ND	46.88	ND		NA	NA	3342.46	
RW-1	07/20/18	3389.34	64.50	ND	46.70	ND		NA	10.00	3342.64	
RW-1	07/26/18	3389.34	64.50	ND	46.96	ND		NA	10.00	3342.38	
RW-1	08/01/18	3389.34	64.50	ND	46.88	ND		NA	10.00	3342.46	
RW-1	08/08/18	3389.34	64.50	ND	46.82	ND		NA	10.00	3342.52	
RW-1	08/14/18	3389.34	64.50	ND	46.97	ND		NA	10.00	3342.37	
RW-1	08/21/18	3389.34	64.60	ND	46.76	ND		NA	10.00	3342.58	
RW-1	08/30/18	3389.34	64.60	ND	46.79	ND		NA	10.00	3342.55	
RW-1	09/12/18	3389.34	64.60	ND	47.06	ND		NA	10.00	3342.28	
RW-1	09/18/18	3389.34	64.60	ND	47.03	ND		NA	10.00	3342.31	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-1	09/26/18	3389.34	64.60	ND	47.00	ND		NA	10.00	3342.34	
RW-1	10/04/18	3389.34	64.60	ND	47.06	ND		NA	10.00	3342.28	
RW-1	10/11/18	3389.34	64.60	ND	47.10	ND		NA	NA	3342.24	
RW-1	10/17/18	3389.34	64.60	ND	46.91	ND		NA	10.00	3342.43	
RW-1	10/24/18	3389.34	64.50	ND	47.01	ND		NA	NA	3342.33	Sampled
RW-1	11/01/18	3389.34	64.50	ND	46.50	ND		NA	10.00	3342.84	
RW-1	11/07/18	3389.34	64.50	ND	46.54	ND		NA	10.00	3342.80	
RW-1	11/13/18	3389.34	64.50	ND	46.58	ND		NA	10.00	3342.76	
RW-1	11/21/18	3389.34	64.50	ND	46.76	ND		NA	NA	3342.58	
RW-1	11/29/18	3389.34	64.50	sheen	46.92	sheen		NA	10.00	3342.42	
RW-1	12/07/18	3389.34	64.50	ND	46.95	ND		NA	10.00	3342.39	
RW-1	12/13/18	3389.34	64.50	ND	46.92	ND		NA	10.00	3342.42	
RW-1	12/19/18	3389.34	64.50	ND	46.90	ND		NA	10.00	3342.44	
RW-1	01/09/19	3389.34	64.50	ND	46.91	ND		NA	10.00	3342.43	
RW-1	01/30/19	3389.34	64.50	ND	46.84	ND		NA	10.00	3342.50	
RW-1	02/06/19	3389.34	64.50	ND	46.86	ND		NA	10.00	3342.48	
RW-1	02/14/19	3389.34	64.50	ND	46.74	ND		NA	10.00	3342.60	
RW-1	02/28/19	3389.34	64.50	46.80	46.81	0.01		NA	10.00	3342.54	
RW-1	03/06/19	3389.34	64.50	ND	46.71	ND		NA	10.00	3342.63	
RW-1	04/25/19	3389.34	64.50	ND	46.71	ND		NA	10.00	3342.63	
RW-1	05/01/19	3389.34	64.50	ND	46.59	ND		NA	10.00	3342.75	
RW-1	05/10/19	3389.34	64.50	ND	46.62	ND		NA	10.00	3342.72	
RW-1	05/17/19	3389.34	64.50	ND	46.62	ND		NA	10.00	3342.72	
RW-1	05/24/19	3389.34	64.50	ND	46.64	ND		NA	10.00	3342.70	
RW-1	06/05/19	3389.34	64.50	ND	46.65	ND		NA	10.00	3342.69	
RW-1	06/14/19	3389.34	64.50	ND	46.75	ND		NA	10.00	3342.59	
RW-1	06/20/19	3389.34	64.50	ND	46.65	ND		NA	10.00	3342.69	
RW-1	06/26/19	3389.34	64.50	ND	46.62	ND		NA	10.00	3342.72	
RW-1	07/03/19	3389.34	64.50	ND	46.54	ND		NA	10.00	3342.80	
RW-1	07/11/19	3389.34	64.50	ND	46.60	ND		NA	10.00	3342.74	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-1	07/26/19	3389.34	64.50	ND	46.53	ND		NA	10.00	3342.81	
RW-1	08/10/19	3389.34	64.50	sheen	46.55	sheen		sheen	10.00	3342.79	
RW-1	08/15/19	3389.34	64.50	sheen	46.56	sheen		sheen	10.00	3342.78	
RW-1	08/27/19	3389.34	64.50	sheen	46.56	sheen		NA	10.00	3342.78	
RW-1	09/13/19	3389.34	64.50	ND	46.24	ND		NA	10.00	3343.10	
RW-1	09/20/19	3389.34	64.50	ND	46.52	ND		NA	NA	3342.82	
RW-1	10/09/19	3389.34	64.50	ND	46.48	ND		NA	10.00	3342.86	
RW-1	10/17/19	3389.34	64.50	ND	46.46	ND		NA	NA	3342.88	
RW-1	11/01/19	3389.34	64.50	ND	46.46	ND		NA	NA	3342.88	
RW-1	11/08/19	3389.34	64.50	ND	46.46	ND		NA	NA	3342.88	
RW-1	11/15/19	3389.34	64.50	46.45	46.48	0.03		sheen	10.00	3342.89	
RW-1	11/19/19	3389.34	64.50	ND	46.44	ND		NA	NA	3342.90	
RW-1	11/26/19	3389.34	64.50	ND	46.29	ND		NA	NA	3343.05	
RW-1	12/03/19	3389.34	64.50	46.40	46.41	0.01		sheen	10.00	3342.94	
RW-1	12/13/19	3389.34	64.50	46.38	46.40	0.02		sheen	10.00	3342.96	
RW-1	12/20/19	3389.34	64.50	ND	46.42	ND		NA	NA	3342.92	
RW-1	12/27/19	3389.34	64.50	ND	46.40	ND		NA	NA	3342.94	
RW-1	01/03/20	3389.34	64.50	ND	46.40	ND		NA	NA	3342.94	
RW-1	01/09/20	3389.34	64.50	ND	46.05	ND		NA	NA	3343.29	
RW-1	01/15/20	3389.34	64.50	ND	46.38	ND		NA	10.00	3342.96	
RW-1	01/30/20	3389.34	64.50	ND	46.39	ND		NA	NA	3342.95	
RW-1	02/12/20	3389.34	64.50	ND	46.34	ND		NA	10.00	3343.00	
RW-1	02/20/20	3389.34	64.50	ND	46.40	ND		NA	10.00	3342.94	
RW-1	02/27/20	3389.34	64.50	ND	46.39	ND		NA	10.00	3342.95	
RW-1	03/04/20	3389.34	64.50	sheen	46.36	sheen		NA	10.00	3342.98	
RW-1	03/12/20	3389.34	64.50	sheen	46.29	sheen		NA	10.00	3343.05	
RW-1	03/17/20	3389.34	64.50	sheen	46.34	sheen		NA	NA	3343.00	
RW-1	03/23/20	3389.34	64.50	sheen	46.35	sheen		NA	10.00	3342.99	
RW-1	05/07/20	3389.34	64.50	ND	46.16	ND		NA	NA	3343.18	
RW-1	05/29/20	3389.34	64.50	ND	44.20	ND		sheen	10.00	3345.14	
RW-1	06/12/20	3389.34	64.50	ND	44.28	ND		sheen	10.00	3345.06	
RW-1	06/26/20	3389.34	64.50	sheen	46.24	sheen		NA	NA	3343.10	
RW-1	07/21/20	3389.34	64.50	ND	46.25	ND		sheen	10.00	3343.09	

TABLE 2
HISTORICAL GROUNDWATER ELEVATION AND PSH RECOVERY DATA
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D.S. HUGH SITE
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	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-1	08/06/20	3389.34	64.50	ND	46.38	ND		NA	NA	3342.96	
RW-1	09/18/20	3389.34	64.50	ND	46.40	ND		NA	NA	3342.94	
RW-1	09/30/20	3389.34	64.50	ND	46.31	ND		NA	10.00	3343.03	
RW-1	10/09/20	3389.34	64.50	ND	46.49	ND		NA	NA	3342.85	
RW-1	11/13/20	3389.34	64.50	sheen	46.46	sheen		NA	NA	3342.88	
RW-1	12/21/20	3389.34	64.50	sheen	46.27	sheen		NA	NA	3343.07	Sampled
RW-1	01/08/21	3389.34	64.50	ND	46.38	ND		NA	NA	3342.96	
RW-1	02/04/21	3389.34	64.50	ND	46.34	ND		NA	10.00	3343.00	
RW-1	03/22/21	3389.34	64.50	sheen	46.30	sheen		NA	NA	3343.04	
RW-1	03/24/21	3389.34	64.50	ND	46.32	ND		NA	NA	3343.02	Sampled
RW-1	04/08/21	3389.34	64.50	ND	46.29	ND		NA	NA	3343.05	
RW-1	05/28/21	3389.34	64.50	ND	46.24	ND		NA	10.00	3343.10	
RW-1	06/29/21	3389.34	64.50	ND	46.28	ND		NA	NA	3343.06	
RW-1	07/15/21	3389.34	64.50	sheen	46.28	sheen		NA	10.00	3343.06	
RW-1	08/03/21	3389.34	64.50	ND	46.35	ND		NA	10.00	3342.99	
RW-1	08/27/21	3389.34	64.50	ND	46.44	ND		NA	NA	3342.90	
RW-1	09/01/21	3389.34	64.50	ND	46.46	ND		NA	NA	3342.88	
RW-1	09/24/21	3389.34	64.50	ND	46.57	ND		NA	10.00	3342.77	
RW-1	10/01/21	3389.34	64.50	sheen	46.52	sheen		NA	10.00	3342.82	
RW-1	11/10/21	3389.34	64.50	ND	46.62	ND		NA	10.00	3342.72	
RW-1	12/22/21	3389.34	64.50	ND	46.60	ND		NA	10.00	3342.74	
RW-2	08/12/14	3389.06		49.73	49.74	0.01		Sheen	10.00	3339.33	
RW-2	08/21/14	3389.06		49.68	49.73	0.05		NA	NA	3339.37	
RW-2	08/26/14	3389.06		49.69	49.78	0.09		Sheen	10.00	3339.36	
RW-2	09/09/14	3389.06		49.62	49.73	0.11		0.25	9.75	3339.42	
RW-2	09/18/14	3389.06		49.59	49.74	0.15		Sheen	30.00	3339.45	Sampled
RW-2	09/24/14	3389.06		49.46	49.58	0.12		0.25	9.75	3339.58	
RW-2	09/29/14	3389.06		49.48	49.59	0.11		NA	NA	3339.56	
RW-2	10/13/14	3389.06		49.39	49.58	0.19		0.50	9.50	3339.64	
RW-2	10/20/14	3389.06		49.40	49.55	0.15		0.50	9.50	3339.64	
RW-2	10/28/14	3389.06		49.24	49.59	0.35		0.50	9.50	3339.77	
RW-2	11/04/14	3389.06		49.17	49.28	0.11		0.50	8.50	3339.87	
RW-2	11/12/14	3389.06		49.13	49.42	0.29		NA	NA	3339.89	
RW-2	11/20/14	3389.06		49.09	49.20	0.11		0.25	4.75	3339.95	

TABLE 2
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	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-2	11/25/14	3389.06		49.00	49.16	0.16		0.25	4.75	3340.04	
RW-2	12/05/14	3389.06		49.06	49.25	0.19		0.25	4.75	3339.97	
RW-2	12/17/14	3389.06		49.11	49.29	0.18		0.25	4.75	3339.92	
RW-2	12/22/14	3389.06		49.08	49.27	0.19		NA	NA	3339.95	
RW-2	12/29/14	3389.06		49.04	49.30	0.26		0.50	4.50	3339.98	
RW-2	01/05/15	3389.06		48.37	48.38	0.01		NA	10.00	3340.69	
RW-2	01/07/15	3389.06		49.00	49.28	0.28		0.50	9.50	3340.02	
RW-2	01/14/15	3389.06		ND	49.32	ND		NA	NA	3339.74	
RW-2	01/21/15	3389.06		48.95	49.15	0.20		0.50	9.50	3340.08	
RW-2	01/28/15	3389.06		48.93	49.17	0.24		0.50	9.50	3340.09	
RW-2	02/06/15	3389.06		48.92	49.17	0.25		0.50	9.50	3340.10	
RW-2	02/10/15	3389.06		48.91	49.08	0.17		NA	NA	3340.12	
RW-2	02/17/15	3389.06		48.91	49.09	0.18		0.50	9.50	3340.12	
RW-2	02/24/15	3389.06		48.89	49.02	0.13		NA	NA	3340.15	
RW-2	03/05/15	3389.06		48.87	49.10	0.23		0.50	9.50	3340.16	
RW-2	03/11/15	3389.06		48.85	48.96	0.11		NA	NA	3340.19	
RW-2	03/17/15	3389.06		48.88	48.98	0.10		NA	NA	3340.17	
RW-2	03/23/15	3389.06		48.83	48.95	0.12		NA	NA	3340.21	
RW-2	03/31/15	3389.06		48.85	49.19	0.34		0.50	44.50	3340.16	SMALL AMOUNT OF DISSOLVE PHASE AFTER 45GAL
RW-2	04/07/15	3389.06		48.83	48.90	0.07		0.25	14.75	3340.22	
RW-2	04/15/15	3389.06		49.78	49.84	0.06		0.25	14.75	3339.27	
RW-2	04/21/15	3389.06		48.79	49.85	1.06		NA	NA	3340.11	
RW-2	04/29/15	3389.06		48.68	48.71	0.03		0.25	14.75	3340.38	
RW-2	05/06/15	3389.06		48.59	48.63	0.04		0.25	9.75	3340.46	
RW-2	05/27/15	3389.06		48.44	48.46	0.02		0.25	9.75	3340.62	
RW-2	06/04/15	3389.06		48.42	48.45	0.03		0.25	9.75	3340.64	
RW-2	06/09/15	3389.06		48.39	48.42	0.03		0.25	9.75	3340.67	
RW-2	06/13/15	3389.06	68.38	48.34	48.35	0.01		NA	NA	3340.72	Sampled
RW-2	07/01/15	3389.06	68.38	ND	48.33	ND		NA	NA	3340.73	
RW-2	07/08/15	3389.06	68.38	ND	48.32	ND		NA	NA	3340.74	

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								PSH	H ₂ O		
RW-2	07/28/15	3389.06	68.38	ND	ng	ND		NA	10.00	ng	interface malfunction
RW-2	08/05/15	3389.06	68.38	ND	48.31	ND		NA	NA	3340.75	
RW-2	08/12/15	3389.06	68.38	ND	48.35	ND		NA	NA	3340.71	
RW-2	08/20/15	3389.06	68.38	ND	48.45	ND		NA	10.00	3340.61	
RW-2	08/27/15	3389.06	68.38	ND	48.55	ND		NA	NA	3340.51	
RW-2	09/01/15	3389.06	68.38	ND	48.57	ND		NA	10.00	3340.49	
RW-2	09/10/15	3389.06	68.38	ND	48.65	ND		NA	NA	3340.41	
RW-2	09/16/15	3389.06	68.38	48.71	48.72	0.01		0.25	9.75	3340.35	
RW-2	09/28/15	3389.06	68.38	48.74	48.75	0.01		0.25	9.75	3340.32	
RW-2	10/07/15	3389.06	68.38	48.75	48.76	0.01		0.25	9.75	3340.31	
RW-2	10/13/15	3389.06	68.38	48.74	48.75	0.01		0.25	9.75	3340.32	
RW-2	10/20/15	3389.06	68.38	48.75	48.76	0.01		0.25	9.75	3340.31	
RW-2	10/28/15	3389.06	68.38	48.75	48.76	0.01		0.25	9.75	3340.31	
RW-2	11/03/15	3389.06	68.38	48.72	48.73	0.01		NA	NA	3340.34	
RW-2	11/12/15	3389.06	68.38	48.72	48.73	0.01		NA	NA	3340.34	
RW-2	11/15/15	3389.06	68.38	48.68	48.69	0.01		NA	NA	3340.38	
RW-2	11/17/15	3389.06	68.38	48.68	48.69	0.01		NA	10.00	3340.38	
RW-2	11/24/15	3389.06	68.38	48.64	48.65	0.01		NA	NA	3340.42	
RW-2	12/09/15	3389.06	68.38	48.54	48.55	0.01		NA	NA	3340.52	
RW-2	12/15/15	3389.06	68.38	48.52	48.53	0.01		NA	NA	3340.54	
RW-2	12/31/15	3389.06	68.38	48.45	48.46	0.01		NA	NA	3340.61	
RW-2	01/05/16	3389.06	68.38	48.37	48.38	0.01		NA	10.00	3340.69	
RW-2	01/19/16	3389.06	68.38	48.36	48.37	0.01		Sheen	10.00	3340.70	
RW-2	01/26/16	3389.06	68.38	ND	48.35	ND		NA	10.00	3340.71	
RW-2	02/02/16	3389.06	68.38	ND	48.30	ND		NA	10.00	3340.76	
RW-2	02/09/16	3389.06	68.38	ND	48.26	ND		Sheen	10.00	3340.80	
RW-2	02/17/16	3389.06	68.38	ND	48.20	ND		NA	10.00	3340.86	
RW-2	02/24/16	3389.06	68.38	48.27	48.28	0.01		0.25	9.75	3340.79	

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D.S. HUGH SITE
LEA COUNTY, NEW MEXICO

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-2	03/01/16	3389.06	68.38	ND	48.30	ND		NA	10.00	3340.76	
RW-2	03/08/16	3389.06	68.38	48.26	48.27	0.01		NA	NA	3340.80	
RW-2	03/15/16	3389.06	68.38	ND	48.32	ND		NA	10.00	3340.74	
RW-2	03/22/16	3389.06	68.38	ND	48.27	ND		NA	10.00	3340.79	
RW-2	03/29/16	3389.06	68.38	ND	48.30	ND		NA	10.00	3340.76	
RW-2	04/05/16	3389.06	68.38	ND	48.32	ND		NA	NA	3340.74	
RW-2	04/12/16	3389.06	68.38	ND	48.40	ND		NA	NA	3340.66	
RW-2	04/19/16	3389.06	68.38	ND	48.12	ND		NA	10.00	3340.94	
RW-2	04/27/16	3389.06	68.38	ND	48.00	ND		NA	NA	3341.06	
RW-2	05/05/16	3389.06	68.38	ND	48.14	ND		NA	NA	3340.92	
RW-2	05/12/16	3389.06	68.38	ND	48.17	ND		NA	NA	3340.89	
RW-2	05/20/16	3389.06	68.38	ND	48.05	ND		Sheen	35.00	3341.01	
RW-2	05/26/16	3389.06	68.38	ND	48.18	ND		NA	10.00	3340.88	
RW-2	06/02/16	3389.06	68.38	ND	48.25	ND		NA	10.00	3340.81	
RW-2	06/10/16	3389.06	68.38	ND	48.13	ND		NA	10.00	3340.93	
RW-2	06/23/16	3389.06	68.38	ND	48.09	ND		NA	10.00	3340.97	
RW-2	06/27/16	3389.06	68.38	ND	48.03	ND		NA	10.00	3341.03	
RW-2	07/06/16	3389.06	68.38	ND	48.03	ND		NA	NA	3341.03	
RW-2	07/15/16	3389.06	68.38	ND	47.97	ND		NA	NA	3341.09	
RW-2	07/27/16	3389.06	68.38	ND	47.97	ND		NA	10.00	3341.09	
RW-2	08/03/16	3389.06	68.38	sheen	48.07	sheen		NA	10.00	3340.99	
RW-2	08/12/16	3389.06	68.38	ND	48.02	ND		NA	10.00	3341.04	
RW-2	08/17/16	3389.06	68.38	47.98	48.02	0.04		0.25	9.75	3341.07	
RW-2	08/24/16	3389.06	68.38	48.15	48.50	0.35		0.25	9.75	3340.86	
RW-2	08/31/16	3389.06	68.38	48.13	48.15	0.02		NA	NA	3340.93	
RW-2	09/07/16	3389.06	68.38	48.15	48.16	0.01		0.25	9.75	3340.91	
RW-2	09/16/16	3389.06	68.38	48.20	48.21	0.01		Sheen	10.00	3340.86	dropped sock
RW-2	09/21/16	3389.06	68.38	sheen	48.15	sheen		NA	NA	3340.91	
RW-2	09/28/16	3389.06	68.38	sheen	48.08	sheen		Sheen	10.00	3340.98	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-2	10/12/16	3389.06	68.38	sheen	48.00	sheen		Sheen	10.00	3341.06	
RW-2	10/19/16	3389.06	68.38	sheen	47.95	sheen		NA	10.00	3341.11	
RW-2	10/25/16	3389.06	68.38	sheen	46.92	sheen		NA	10.00	3342.14	
RW-2	11/01/16	3389.06	68.38	sheen	47.92	sheen		NA	10.00	3341.14	
RW-2	11/09/16	3389.06	68.38	ND	47.86	ND		NA	10.00	3341.20	
RW-2	11/16/16	3389.06	68.38	sheen	47.85	sheen		NA	10.00	3341.21	
RW-2	11/22/16	3389.06	68.38	sheen	47.81	sheen		NA	10.00	3341.25	
RW-2	11/30/16	3389.06	68.38	sheen	47.84	sheen		NA	10.00	3341.22	
RW-2	12/06/16	3389.06	68.38	sheen	47.80	sheen		NA	10.00	3341.26	
RW-2	12/16/16	3389.06	68.38	sheen	47.72	sheen		NA	NA	3341.34	
RW-2	12/22/16	3389.06	68.38	sheen	47.75	sheen		NA	NA	3341.31	
RW-2	12/28/16	3389.06	68.38	ND	47.70	ND		NA	10.00	3341.36	
RW-2	01/05/17	3389.06	68.38	sheen	47.70	sheen		NA	10.00	3341.36	
RW-2	01/11/17	3389.06	68.38	sheen	47.69	sheen		NA	10.00	3341.37	
RW-2	01/18/17	3389.06	68.38	ND	47.66	ND		NA	10.00	3341.40	
RW-2	01/25/17	3389.06	68.38	sheen	47.66	sheen		NA	10.00	3341.40	
RW-2	02/01/17	3389.06	68.38	sheen	47.61	sheen		NA	10.00	3341.45	
RW-2	02/08/17	3389.06	68.38	sheen	47.60	sheen		NA	10.00	3341.46	
RW-2	02/15/17	3389.06	68.38	sheen	47.60	sheen		NA	10.00	3341.46	
RW-2	02/23/17	3389.06	68.38	ND	47.52	ND		NA	10.00	3341.54	
RW-2	03/08/17	3389.06	68.38	ND	47.55	ND		NA	10.00	3341.51	
RW-2	03/14/17	3389.06	68.38	ND	47.51	ND		NA	10.00	3341.55	
RW-2	03/21/17	3389.06	68.38	sheen	47.47	sheen		NA	10.00	3341.59	
RW-2	03/29/17	3389.06	68.38	sheen	47.48	sheen		NA	10.00	3341.58	
RW-2	04/05/17	3389.06	68.38	ND	47.99	ND		NA	10.00	3341.07	
RW-2	04/12/17	3389.06	68.38	ND	47.50	ND		NA	10.00	3341.56	
RW-2	04/19/17	3389.06	68.38	sheen	47.40	sheen		NA	10.00	3341.66	
RW-2	04/26/17	3389.06	68.38	ND	47.45	ND		NA	10.00	3341.61	
RW-2	05/03/17	3389.06	68.38	sheen	47.37	sheen		NA	10.00	3341.69	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-2	05/16/17	3389.06	68.38	ND	47.32	ND		NA	NA	3341.74	Sampled
RW-2	05/25/17	3389.06	68.38	ND	47.40	ND		NA	10.00	3341.66	
RW-2	06/01/17	3389.06	68.38	ND	47.36	ND		NA	10.00	3341.70	
RW-2	06/05/17	3389.06	68.38	ND	47.24	ND		NA	10.00	3341.82	
RW-2	06/13/17	3389.06	68.38	ND	47.23	ND		NA	10.00	3341.83	
RW-2	06/21/17	3389.06	68.38	sheen	48.25	sheen		NA	10.00	3340.81	
RW-2	06/28/17	3389.06	68.38	sheen	47.21	sheen		NA	10.00	3341.85	
RW-2	07/12/17	3389.06	68.38	sheen	47.20	sheen		NA	10.00	3341.86	
RW-2	07/18/17	3389.06	68.38	sheen	47.22	sheen		NA	10.00	3341.84	
RW-2	07/26/17	3389.06	68.38	sheen	47.06	sheen		Sheen	10.00	3342.00	
RW-2	08/02/17	3389.06	68.38	sheen	47.09	sheen		NA	10.00	3341.97	
RW-2	08/09/17	3389.06	68.38	sheen	47.06	sheen		NA	10.00	3342.00	
RW-2	08/16/17	3389.06	68.38	sheen	47.09	sheen		NA	10.00	3341.97	
RW-2	08/23/17	3389.06	68.38	sheen	47.08	sheen		NA	10.00	3341.98	
RW-2	08/30/17	3389.06	68.38	sheen	47.05	sheen		NA	10.00	3342.01	
RW-2	09/07/17	3389.06	68.38	sheen	47.08	sheen		Sheen	10.00	3341.98	
RW-2	09/13/17	3389.06	68.38	sheen	47.00	sheen		NA	NA	3342.06	
RW-2	09/26/17	3389.06	68.38	sheen	46.98	sheen		NA	10.00	3342.08	
RW-2	10/04/17	3389.06	68.38	ND	46.99	ND		NA	NA	3342.07	
RW-2	10/12/17	3389.06	68.38	ND	47.02	ND		NA	NA	3342.04	
RW-2	10/18/17	3389.06	68.38	ND	47.06	ND		NA	NA	3342.00	
RW-2	10/26/17	3389.06	68.38	ND	47.10	ND		NA	NA	3341.96	
RW-2	11/01/17	3389.06	68.38	sheen	47.15	sheen		NA	NA	3341.91	
RW-2	11/09/17	3389.06	68.38	sheen	47.12	sheen		NA	NA	3341.94	
RW-2	11/15/17	3389.06	68.38	sheen	46.88	sheen		NA	10.00	3342.18	
RW-2	11/29/17	3389.06	68.38	sheen	46.92	sheen		NA	NA	3342.14	
RW-2	12/06/17	3389.06	68.38	sheen	46.85	sheen		NA	NA	3342.21	
RW-2	12/13/17	3389.06	68.38	sheen	46.78	sheen		NA	10.00	3342.28	
RW-2	01/04/18	3389.06	68.38	sheen	46.77	sheen		NA	10.00	3342.29	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-2	01/10/18	3389.06	68.38	sheen	46.69	sheen		NA	NA	3342.37	
RW-2	01/17/18	3389.06	68.38	sheen	46.67	sheen		NA	NA	3342.39	
RW-2	01/26/18	3389.06	68.38	sheen	46.64	sheen		NA	NA	3342.42	
RW-2	02/01/18	3389.06	68.38	ND	47.01	ND		NA	NA	3342.05	
RW-2	02/08/18	3389.06	68.38	ND	46.87	ND		NA	10.00	3342.19	
RW-2	02/14/18	3389.06	68.38	ND	46.61	ND		NA	NA	3342.45	
RW-2	02/21/18	3389.06	68.38	ND	46.64	ND		NA	10.00	3342.42	
RW-2	02/28/18	3389.06	68.38	ND	46.55	ND		NA	NA	3342.51	
RW-2	03/08/18	3389.06	68.40	ND	46.65	ND		NA	NA	3342.41	Sampled
RW-2	03/15/18	3389.06	68.40	ND	46.63	ND		NA	10.00	3342.43	
RW-2	03/22/18	3389.06	68.40	ND	46.68	ND		NA	10.00	3342.38	
RW-2	03/28/18	3389.06	68.40	ND	46.61	ND		NA	10.00	3342.45	
RW-2	04/03/18	3389.06	68.40	ND	46.61	ND		NA	10.00	3342.45	
RW-2	04/10/18	3389.06	68.40	sheen	46.65	sheen		Sheen	10.00	3342.41	
RW-2	04/19/18	3389.06	68.40	sheen	46.70	sheen		Sheen	10.00	3342.36	
RW-2	04/25/18	3389.06	68.40	sheen	46.72	sheen		NA	10.00	3342.34	
RW-2	05/02/18	3389.06	68.40	sheen	46.55	sheen		NA	10.00	3342.51	
RW-2	05/10/18	3389.06	68.40	ND	46.55	ND		NA	10.00	3342.51	
RW-2	05/15/18	3389.06	68.40	ND	46.56	ND		NA	NA	3342.50	
RW-2	05/23/18	3389.06	68.40	ND	46.50	ND		NA	NA	3342.56	
RW-2	06/07/18	3389.06	68.40	sheen	46.58	sheen		NA	NA	3342.48	Sampled
RW-2	06/13/18	3389.06	68.40	sheen	46.61	sheen		NA	10.00	3342.45	
RW-2	06/20/18	3389.06	68.40	ND	46.66	ND		NA	10.00	3342.40	
RW-2	06/28/18	3389.06	68.40	ND	46.59	ND		NA	10.00	3342.47	
RW-2	07/05/18	3389.06	68.40	ND	46.65	ND		NA	10.00	3342.41	
RW-2	07/12/18	3389.06	68.40	ND	46.68	ND		NA	NA	3342.38	
RW-2	07/20/18	3389.06	68.40	ND	46.65	ND		NA	20.00	3342.41	
RW-2	07/26/18	3389.06	68.40	ND	46.70	ND		NA	20.00	3342.36	
RW-2	08/01/18	3389.06	68.40	ND	46.62	ND		NA	10.00	3342.44	

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								PSH	H ₂ O		
RW-2	08/08/18	3389.06	68.40	ND	46.60	ND		NA	10.00	3342.46	
RW-2	08/14/18	3389.06	68.40	ND	46.75	ND		NA	NA	3342.31	
RW-2	08/21/18	3389.06	68.40	ND	46.57	ND		NA	NA	3342.49	
RW-2	08/30/18	3389.06	68.40	ND	46.59	ND		NA	NA	3342.47	Sampled
RW-2	09/12/18	3389.06	68.40	sheen	46.86	sheen		NA	10.00	3342.20	
RW-2	09/18/18	3389.06	68.40	ND	46.81	ND		NA	10.00	3342.25	
RW-2	09/26/18	3389.06	68.40	ND	46.75	ND		NA	10.00	3342.31	
RW-2	10/04/18	3389.06	68.40	ND	46.81	ND		NA	10.00	3342.25	
RW-2	10/11/18	3389.06	68.40	ND	46.85	ND		NA	NA	3342.21	
RW-2	10/17/18	3389.06	68.40	sheen	46.59	sheen		NA	20.00	3342.47	
RW-2	10/24/18	3389.06	68.40	ND	46.78	ND		NA	20.00	3342.28	
RW-2	11/01/18	3389.06	68.40	ND	46.82	ND		NA	20.00	3342.24	
RW-2	11/07/18	3389.06	68.40	ND	46.85	ND		NA	20.00	3342.21	
RW-2	11/13/18	3389.06	68.40	sheen	46.89	sheen		NA	20.00	3342.17	
RW-2	11/21/18	3389.06	68.40	sheen	46.77	sheen		NA	20.00	3342.29	
RW-2	11/29/18	3389.06	68.40	sheen	46.68	sheen		NA	20.00	3342.38	
RW-2	12/07/18	3389.06	68.40	ND	46.72	ND		NA	20.00	3342.34	
RW-2	12/13/18	3389.06	68.40	ND	46.70	ND		NA	10.00	3342.36	
RW-2	12/19/18	3389.06	68.40	sheen	46.72	sheen		NA	10.00	3342.34	
RW-2	01/09/19	3389.06	68.40	sheen	46.77	sheen		NA	10.00	3342.29	
RW-2	01/30/19	3389.06	68.40	sheen	46.69	sheen		NA	10.00	3342.37	
RW-2	02/06/19	3389.06	68.40	sheen	46.70	sheen		NA	10.00	3342.36	
RW-2	02/14/19	3389.06	68.40	46.50	46.51	0.01		NA	10.00	3342.56	
RW-2	02/28/19	3389.06	68.40	sheen	46.60	sheen		NA	10.00	3342.46	
RW-2	03/06/19	3389.06	68.40	sheen	46.74	sheen		NA	10.00	3342.32	
RW-2	04/25/19	3389.06	68.40	sheen	46.41	sheen		NA	10.00	3342.65	
RW-2	05/01/19	3389.06	68.40	sheen	46.30	sheen		NA	10.00	3342.76	
RW-2	05/10/19	3389.06	68.40	sheen	46.38	sheen		NA	10.00	3342.68	
RW-2	05/17/19	3389.06	68.40	sheen	46.33	sheen		NA	10.00	3342.73	

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								PSH	H ₂ O		
RW-2	05/24/19	3389.06	68.40	sheen	46.43	sheen		NA	10.00	3342.63	
RW-2	06/05/19	3389.06	68.40	ND	46.44	ND		NA	10.00	3342.62	
RW-2	06/14/19	3389.06	68.40	ND	46.30	ND		NA	10.00	3342.76	
RW-2	06/20/19	3389.06	68.40	sheen	46.48	sheen		NA	10.00	3342.58	
RW-2	06/26/19	3389.06	68.40	ND	46.35	ND		NA	10.00	3342.71	
RW-2	07/03/19	3389.06	68.40	ND	46.31	ND		NA	10.00	3342.75	
RW-2	07/11/19	3389.06	68.40	ND	46.34	ND		NA	10.00	3342.72	
RW-2	07/26/19	3389.06	68.40	sheen	46.30	sheen		NA	10.00	3342.76	
RW-2	08/10/19	3389.06	68.40	sheen	46.31	sheen		Sheen	10.00	3342.75	
RW-2	08/15/19	3389.06	68.40	ND	46.32	ND		NA	10.00	3342.74	
RW-2	08/27/19	3389.06	68.40	sheen	46.31	sheen		NA	10.00	3342.75	
RW-2	09/13/19	3389.06	68.40	ND	46.30	ND		NA	NA	3342.76	
RW-2	09/20/19	3389.06	68.40	ND	46.43	ND		NA	NA	3342.63	
RW-2	10/19/19	3389.06	68.40	ND	46.22	ND		NA	10.00	3342.84	
RW-2	10/17/19	3389.06	68.40	ND	46.21	ND		NA	NA	3342.85	
RW-2	11/01/19	3389.06	68.40	ND	46.21	ND		NA	NA	3342.85	
RW-2	11/08/19	3389.06	68.40	ND	46.20	ND		NA	NA	3342.86	
RW-2	11/15/19	3389.06	68.40	ND	46.20	ND		NA	NA	3342.86	
RW-2	11/19/19	3389.06	68.40	sheen	46.18	sheen		NA	NA	3342.88	
RW-2	11/26/19	3389.06	68.40	ND	46.13	ND		NA	NA	3342.93	
RW-2	12/03/19	3389.06	68.40	ND	46.15	ND		NA	NA	3342.91	
RW-2	12/13/19	3389.06	68.40	ND	46.13	ND		NA	NA	3342.93	
RW-2	12/20/19	3389.06	68.40	sheen	46.16	sheen		NA	NA	3342.90	
RW-2	12/27/19	3389.06	68.40	sheen	46.13	sheen		NA	NA	3342.93	
RW-2	01/03/20	3389.06	68.40	ND	46.08	ND		NA	10.00	3342.98	
RW-2	01/09/20	3389.06	68.40	ND	46.11	ND		NA	10.00	3342.95	
RW-2	01/15/20	3389.06	68.40	ND	46.13	ND		NA	NA	3342.93	
RW-2	01/30/20	3389.06	68.40	sheen	46.04	sheen		NA	NA	3343.02	
RW-2	02/12/20	3389.06	68.40	ND	46.10	ND		NA	10.00	3342.96	
RW-2	02/20/20	3389.06	68.40	sheen	46.13	sheen		Sheen	10.00	3342.93	

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		
RW-2	02/27/20	3389.06	68.40	ND	46.13	ND		NA	NA	3342.93	
RW-2	03/04/20	3389.06	68.40	sheen	46.11	sheen		NA	NA	3342.95	
RW-2	03/12/20	3389.06	68.40	ND	46.07	ND		NA	NA	3342.99	
RW-2	03/17/20	3389.06	68.40	ND	46.02	ND		NA	NA	3343.04	
RW-2	03/23/20	3389.06	68.40	ND	46.00	ND		NA	10.00	3343.06	
RW-2	05/07/20	3389.06	68.40	ND	45.90	ND		NA	NA	3343.16	
RW-2	05/29/20	3389.06	68.40	ND	45.93	ND		NA	10.00	3343.13	
RW-2	06/12/20	3389.06	68.40	ND	45.99	ND		NA	NA	3343.07	
RW-2	06/26/20	3389.06	68.40	ND	46.00	ND		NA	NA	3343.06	
RW-2	07/21/20	3389.06	68.40	ND	46.00	ND		NA	NA	3343.06	
RW-2	08/06/20	3389.06	68.40	ND	46.12	ND		NA	NA	3342.94	
RW-2	09/18/20	3389.06	68.40	ND	46.15	ND		NA	NA	3342.91	
RW-2	09/30/20	3389.06	68.40	sheen	46.17	sheen		sheen	10.00	3342.89	
RW-2	10/09/20	3389.06	68.40	sheen	46.22	sheen		sheen	10.00	3342.84	
RW-2	11/13/20	3389.06	68.40	ND	46.46	ND		NA	10.00	3342.60	
RW-2	12/21/20	3389.06	68.40	sheen	46.02	sheen		sheen	10.00	3343.04	Sampled
RW-2	01/08/21	3389.06	68.40	ND	46.14	ND		NA	20.00	3342.92	
RW-2	02/04/21	3389.06	68.40	sheen	46.08	sheen		sheen	10.00	3342.98	
RW-2	03/22/21	3389.06	68.40	ND	46.06	ND		ND	10.00	3343.00	
RW-2	03/24/21	3389.06	68.40	ND	46.08	ND		NA	10.00	3342.98	Sampled
RW-2	04/08/21	3389.06	68.40	ND	46.04	ND		ND	10.00	3343.02	
RW-2	05/28/21	3389.06	68.40	ND	46.12	ND		ND	10.00	3342.94	
RW-2	06/29/21	3389.06	68.40	ND	46.02	ND		ND	10.00	3343.04	
RW-2	07/15/21	3389.06	68.40	ND	46.05	ND		ND	10.00	3343.01	
RW-2	08/03/21	3389.06	68.40	ND	46.11	ND		ND	10.00	3342.95	
RW-2	08/27/21	3389.06	68.40	sheen	46.20	sheen		sheen	10.00	3342.86	
RW-2	09/01/21	3389.06	68.40	ND	46.21	ND		ND	10.00	3342.85	
RW-2	09/24/21	3389.06	68.40	ND	46.32	ND		ND	10.00	3342.74	
RW-2	10/01/21	3389.06	68.40	ND	46.28	ND		ND	10.00	3342.78	
RW-2	11/10/21	3389.06	68.40	sheen	46.38	sheen		sheen	10.00	3342.68	
RW-2	12/22/21	3389.06	68.40	sheen	46.40	sheen		sheen	10.00	3342.66	

NA: Not Applicable

ND: Not Detected

NG: Not Gauged

^a Possible error in field data entry

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

	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H ₂ O		

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 92070

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID:
	34053
	Action Number:
	92070
Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)	

CONDITIONS

Created By	Condition	Condition Date
nvelez	Contractor recommendations approved by NMOCD and are as follows; 1. Continue PSH recovery from MW-1, RW-1, and RW-2 on a monthly basis (as applicable) 2. Removal of MW-2, MW-3, MW-6, and MW-7 from quarterly monitoring events. 3. Continue groundwater monitoring on a quarterly basis for MW-1, MW-4, MW-5, RW-1, and RW-2. 4. Continue groundwater monitoring and sampling on a quarterly basis 5. OCD approves the elimination of PAH sample collection from monitor well MW-1 and recovery wells RW-1 and RW-2 6. Conduct annual groundwater sampling of all wells at the site. 7. Collect PAH sample from recovery well RW-4 in 2022 8. Submit the Annual Monitoring Report to the NMOCD no later than March 31, 2023.	8/2/2022