REVIEWED
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2022 ANNUAL GROUNDWATER MONITORING REPORT

Vacuum to Jal 14” Mainline #3
Lea County, New Mexico
UL-A, Section 35, T21S, R37E
NMOCD No.: 1R-455
Plains SRS No.: 2003-00117
Incident No. nAPP2108846856

Review of the 2022 Annual Groundwater Monitoring Report for Vacuum to Jal 14" Mainline #3: **Content Satisfactory**
1. Continue PSH recovery from monitor wells MW-1, RW-1, RW-2, RW-4, RW-5 and IW-1 through MW-3 on a bimonthly basis.
2. Continue to conduct quarterly groundwater monitoring for wells without measurable PSH
3. Continue to collect PAH samples during annual groundwater sampling for MW-1, IW-1, and IW-3.
4. Annual sampling events without the detection of PAH (RW-1 through RW-5, IW-2) may be discontinued for sampling per the 2020 Annual Groundwater Monitoring Report Approval.
5. Submit the 2023 Annual Groundwater Monitoring Report Approval by or before April 1, 2024.

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1.0 INTRODUCTION AND OBJECTIVES

1.1 Objectives and Site Information

On May 8, 2003, a 14-inch steel pipeline at the EOTT Energy LLC (EOTT) Vacuum to Jal 14" Mainline #3 Site (Site), SRS No. 2003-00117, released approximately three (3) barrels (bbls) of crude oil into the subsurface. The pipeline is currently owned by Plains Pipeline, L.P. (Plains). The Site is located in unit letter A, NE¼ of the NE¼, Section 35, Township 21S, Range 37E, or more specifically at latitude 32° 26' 32.67" and longitude 103° 07' 36.885" in Lea County, New Mexico (**Figure 1**). The release was apparently caused by internal corrosion and the pipeline was repaired. A New Mexico Oil Conservation Division (NMOCD) Release Notification Form C-141 was submitted.

This report presents the data collected at the Site during bimonthly (every two weeks) groundwater gauging and phase separated hydrocarbon (PSH) recovery and four (4) quarterly sampling events conducted during 2022. The objective of the on-going quarterly groundwater sampling activities at the Site is to monitor the concentration of chemicals of concern (COCs) in the affected groundwater. Bimonthly PSH recovery activities are conducted to remove residual crude oil from groundwater.

1.2 Previous Remedial Responses and Environmental Investigations

The previous environmental consultant for the Site was EarthCon Consultants, Inc. (EarthCon). As of July 1, 2012, EnTech Consulting Corporation (EnTech) was retained by Plains for consulting services for the Site.

The release was below the reportable quantity and was not initially reported to the NMOCD. The release was first investigated by Environmental Plus, Inc. (EPI) on May 23, 2003. Information was then reported to the NMOCD with the Release Notification Form C-141. The irregularly shaped spill-impacted area measured approximately 566-square feet, according to Mr. Pat McCasland with EPI. As part of the initial remediation activities, affected soil was removed and stockpiled on-Site in June 2003. A total of 676-cubic yards of stockpiled soil were then transported to the Lea Station Land Farm for treatment, as reported on NMOCD Form C-138 in April 2004 by EPI.

EarthCon (EarthCon; formerly Premier Environmental Services, Inc. (Premier)) was subsequently retained to investigate the hydrocarbon impact to soil and groundwater. The results of the 2005 soil and groundwater investigations are detailed in a *March 2006 Site Investigation and Annual Report,* which was submitted to the NMOCD on behalf of Plains. During 2006, the affected area was further assessed with the

installation of monitor wells MW-1 though MW-7 and recovery wells RW-1 through RW-3 and groundwater monitoring conducted on a quarterly basis.

In May 2006, a Soil Remediation Plan (SRP) was submitted to the NMOCD to address soil impacts at the Site. Objectives of this risk-based SRP were to isolate and control COCs in the soil and to prevent further impact to groundwater. The SRP was approved by the NMOCD to Plains in correspondence dated June 1, 2006.

In October 2006, excavation of impacted soil was completed in accordance with the SRP to satisfy soil remediation goals and meet regulatory requirements. The excavation footprint and monitor well locations are illustrated on **Figure 2**. Details of soil remediation activities can be found in the *December 2006 Soil Closure Report* prepared by EarthCon and submitted to the NMOCD.

Groundwater evaluation at the Site continued in 2010 with the installation of two (2) recovery wells (RW-2 and RW-3) and one (1) additional monitoring well (MW-8). Quarterly groundwater sampling was completed at the Site through 2022 in addition to PSH recovery.

The *2013 Soil Investigation and Annual Groundwater Monitoring Report* presented the data collected at the Site during bimonthly groundwater gauging and PSH recovery, and four (4) quarterly sampling events over the year. Additional assessment of the Site occurred in November of 2013 with the installation of one (1) delineation monitor well (MW-9) and three (3) product recovery wells (IW-1 through IW-3).

Annual groundwater monitoring reports were prepared in 2014 through 2019 which presented the data collected during bimonthly PSH recovery, recovery system maintenance, and quarterly groundwater sampling events conducted during the previous year.

This report summarizes the activities conducted in 2022 for groundwater sampling, groundwater analysis, and PSH recovery activities.

1.3 Regulatory Framework

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

Chemical of Concern	Limit (mg/L)
Benzene	0.01
Toluene	0.75
Ethylbenzene	0.75
Total Xylenes	0.62
Polynuclear Aromatic Hydrocarbons (PAH) (1,2)	0.03
Benzo-a-pyrene (2)	0.0007

1 – PAHs: Total naphthalenes plus monomethylnaphthalenes
2 – PAH remediation standards will be used as target concentrations only upon PSH removal.
mg/L: milligrams per liter

The values listed above, are utilized as the target cleanup goals for COC concentrations in groundwater at the Site. PSH removal is also considered 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. Furthermore, we assume the genuineness of the documents reviewed and that the information provided in these documents and during the interviews of Plains and contract personnel are true and accurate. EnTech has prepared this report using the level of care and professionalism in the industry for similar projects under similar conditions. EnTech will not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time this report was prepared. EnTech believes the conclusions stated herein are factual, but no guarantee is made or implied.

2.0 GROUNDWATER ASSESSMENT AND RESULTS

2.1 Groundwater Sampling Methodology

Activities conducted at the Site in 2022 consisted of gauging wells for groundwater levels, determining the presence or absence of PSH, and recovery of product using the recovery system installed at the Site in 2014 (absorbent socks, hand bailing, and submersible pumps). Groundwater sampling of PSH-free monitor and recovery wells was also completed to evaluate the extent of the dissolved-phase hydrocarbon plume.

Measurements of the depth to groundwater and product thickness in wells with hydrocarbon sheen or PSH were completed during the bimonthly PSH recovery and system maintenance, and quarterly groundwater sampling events. Three (3) groundwater monitor wells (MW-1, MW-3, and MW-8) and eight (8) recovery wells (RW-1 through RW-5 and IW-1 through IW-3) were gauged using an oil/water interface probe. The well locations are illustrated on **Figure 2**.

Groundwater level elevations and the presence of PSH, if any, were noted for each well during the four (4) quarterly sampling events conducted in 2022. 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. Monitor and recovery wells MW-1, RW-1 through RW-5, and IW-1 through IW-3 were observed to contain a measurable PSH thickness or hydrocarbon sheen during at least one (1) quarterly sampling event in 2022.

All recovery and monitor wells with PSH or sheen were required to be sampled annually and the groundwater samples analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) and polynuclear aromatic hydrocarbons (PAHs) to meet NMOCD requirements, starting in the second quarter of 2008. For consistency, wells exhibiting measurable PSH were sampled and analyzed for the required COCs during the second quarter sampling event in each year after 2008. Additionally, based on the review of the 2010 Annual Groundwater Monitoring Report, the NMOCD requested that any monitor well exhibiting COC concentrations which exceeded NMOCD standards was required to be sampled for PAHs. In addition to the required annual groundwater sampling event (i.e., second quarter), recovery wells RW-1, RW-4, and RW-5 were sampled in at least two (2) or more quarters in 2022, as the PSH observed during gauging did not recharge after purging. Per the NMOCD response to the 2021 Annual Groundwater Monitoring Report, PAH samples will be collected from monitor wells MW-1 and MW-3 and recovery wells IW-1 and IW-3. The NMOCD approved the elimination of all other PAH sample collection from RW-1 through RW-5 and IW-2.

Groundwater monitor wells not exhibiting PSH or hydrocarbon sheen were gauged and sampled quarterly during 2022. After collecting and recording the groundwater level, each well was purged with a clean electric submersible pump or hand bailed using a clean disposable bailer. Groundwater samples were then collected using a new dedicated disposable bailer. Based on the approval of the NMOCD review of the 2021 Annual Groundwater Monitoring Report, quarterly groundwater monitoring was conducted on wells without measurable PSH.

2.2 Groundwater Gauging

Table 1 summarizes groundwater gauging (elevation and PSH thickness) measurements taken before each quarterly groundwater sampling event in 2020-2022. In addition, bimonthly groundwater elevation and PSH thickness measurements were recorded prior to and after PSH recovery in monitor and recovery wells. Groundwater elevations and PSH thickness measurements (if applicable) were collected in three (3) monitor wells (MW-1, MW-3, and MW-8) and eight (8) recovery wells (RW-1 through RW-5 and IW-1 through IW-3) during PSH recovery efforts. Complete historical groundwater elevation and PSH thickness measurements collected since September 14, 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) and updated in December 2013 by EnTech for newly installed wells (MW-9 and IW-1 through IW-3).

2.3 Groundwater Gradient and Flow Direction

Using the groundwater gauging data summarized in **Table 1**, groundwater gradient maps for each quarter of 2022 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 23, June 22, September 28, and December 6, 2022. The hydraulic gradient in 2022 ranged from 0.004076-feet/feet (ft/ft) to 0.005381-ft/ft, based on groundwater elevations measured between monitor wells MW-4 and MW-7. The groundwater flow direction has consistently been to the generally east-southeast.

2.4 Groundwater Analytical Results

Groundwater samples were collected on March 24, June 22, September 29, and December 7, 2022, from all wells that did not contain measurable PSH or hydrocarbon sheen (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 to laboratory-supplied sample containers. The sample containers were then packaged to prevent breakage, placed on ice in a cooler, and shipped to Pace Analytical (formerly ESC Lab Sciences) of Mt. 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.

Groundwater samples were not collected from monitor and recovery wells MW-1, RW-2 through RW-5, and IW-1 through IW-3 during the first quarter 2022 sampling event. Groundwater samples were collected from all monitor and recovery wells during the second quarter 2022 sampling event, even though wells MW-1, RW-2, RW-3, RW-4, IW-1, IW-2, and IW-3 reported a measurable PSH thickness or sheen. PSH thicknesses ranged from a sheen to 0.22-foot in 2022, with the greatest thickness reported in IW-3 during the second quarter 2022 sampling event. Groundwater samples were collected from monitor and recovery wells (MW-1 through MW-9, RW-4, and RW-5) during the third quarter 2022 sampling event, whereas samples were collected from (MW-2 through MW-9, RW-1, RW-4, and RW-5) during the fourth quarter 2022 sampling event.

Laboratory analysis of groundwater samples collected during all four (4) quarterly sampling events of 2022 from eight (8) monitor wells (MW-2 through MW-9) indicated non-detectable BTEX concentrations and/or concentrations below NMOCD remediation criteria.

The 2022 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 reported in 2022. Benzene concentrations reported in excess of applicable standards are marked in **bold**.

TABLE 2.4.1
2022 COC CONCENTRATIONS (MG/L)

2022	FIRST QUARTER 3/24/22	SECOND QUARTER 6/22/22	THIRD QUARTER 9/29/22	FOURTH QUARTER 12/7/22
	BENZENE			
NMOCD REMEDIATION CRITERIA	0.01			
MW-1	NS	0.000564 J	0.00338	NS
RW-1	**0.0135**	**0.0242**	NS	0.00196 J
RW-3	NS	0.00554	NS	NS

TABLE 2.4.1				
2022 COC CONCENTRATIONS (MG/L)				
2022	**FIRST QUARTER 3/24/22**	**SECOND QUARTER 6/22/22**	**THIRD QUARTER 9/29/22**	**FOURTH QUARTER 12/7/22**
	BENZENE			
NMOCD REMEDIATION CRITERIA	**0.01**			
IW-1	NS	**0.0313**	NS	NS
IW-2	NS	0.00717	NS	NS
IW-3	NS	**0.0584**	NS	NS

NOTE: CONCENTRATIONS IN BOLD **INDICATE EXCEEDANCES OF NMOCD REMEDIATION CRITERIA.**
NS – NOT SAMPLED DUE TO PSH SHEEN OR MEASURABLE THICKNESS.

Benzene was the only COC detected above the NMOCD criteria during four (4) quarters of groundwater sampling in 2022. Analysis of groundwater samples collected in 2022 indicated concentrations above the NMOCD remediation criteria for benzene (0.01 milligrams/Liter (mg/L)) in the following wells:

- RW-1 reported benzene concentrations of 0.0135 mg/L and 0.0242 mg/L in the first and second quarters, respectively;
- IW-1 reported a benzene concentration of 0.0313 mg/L in the second quarter; and
- IW-3 reported a benzene concentration of 0.0584 mg/L during the second quarter.

Groundwater samples were also collected from IW-2 and IW-3 during the second quarter sampling event of 2022 and analyzed for PAH. Laboratory analysis indicated nondetectable concentrations of acenaphthylene, indeno(1,2,3-cd)pyrene, anthracene, benzo(a)anthracene, chrysene, (b)fluoranthene, benzo(a)pyrene, dibenz(a,h)anthracene, benzo(g,h,i)perylene, and benzo(k)fluoranthene. Analysis further indicated detectable concentrations of acenaphthene, fluorene, phenanthrene, fluoranthene (IW-3 only), pyrene, dibenzofuran, that were below the NMOCD standards. A PAH sample will be collected in 2023 from recovery well IW-3 as at least one (1) detection above the NMOCD criteria was reported in 2022. All other PAH samples collected from wells (RW-1 through RW-5 and IW-2) have had two (2) consecutive sampling events without detections above the NMOCD criteria and will be discontinued per the NMOCD approval of the 2020 Annual Groundwater Monitoring Report.

Laboratory analytical reports are provided in **Appendix A**. The groundwater analytical data for each quarterly sampling event are illustrated in **Figures 4A** through **4D**.

2.5 Groundwater Waste Disposal

Purge water generated during quarterly sampling of on-Site monitor wells was placed in the 1,100-gallon on-Site above ground storage tank (AST). These liquids are removed from the tank via vacuum truck and transported to an off-Site NMOCD approved facility by Gandy Corporation of Lovington, New Mexico on an as needed basis. No off-Site disposal of recovered fluids occurred in 2022.

3.0 PSH RECOVERY

3.1 PSH Recovery Methodology

In addition to collecting groundwater samples, EnTech performed bimonthly visits to the Site to gauge and recover PSH from nine (9) monitor and recovery wells (MW-1, RW_! Through RW-5, and IW-1 through IW-3) with measurable PSH/sheen. Measurements to PSH and water levels were recorded during each Site visit (see **Table 2**). PSH recovery activities in 2022 were completed on a bimonthly basis using submersible pumps, hand bailing, and/or absorbent socks. Bimonthly PSH removal typically consisted of the removal of 10- to 20-gallons of groundwater and associated PSH from the above referenced wells. In August 2014, recovery pumps were installed in recovery wells (RW-3 and IW-1 through IW-3) as part of the recovery system at the Site. Additional details are provided below.

3.2 PSH Recovery via Pumping and Manual Bailing

During 2022, measurable PSH was observed in monitor well (MW-1) and recovery wells (RW-1 through RW-5, and IW-1 through IW-3). PSH and dissolved phase groundwater recovery data are presented in **Table 6**.

A general decreasing trend in the PSH thicknesses in affected on-Site monitor wells was observed during the bimonthly gauging events in 2022, and ranged from a sheen to 0.54-foot. A heavy sheen of product or measurable PSH was recovered via manual bailing and/or submersible pumping during each recovery event in 2022 from affected wells.

In general, a decreasing trend in the PSH thickness in monitor well MW-1 was observed from 2006 (2.00-feet) to April of 2014 (0.56-foot). In June of 2014, MW-1 experienced a slug of PSH (3.67-feet) which diminished to a maximum of 0.06-foot in 2022.

A general decreasing and stable trend in the PSH thickness in monitor well MW-3 was observed starting in 2015. PSH was not recorded from 2016 through 2019 and 2021 to 2022.

In recovery well RW-1, a generally stable trend of PSH thickness was reported in 2022. The maximum thickness observed in RW-1 during 2019, 2020, and 2021 was 0.02-foot. The maximum thickness of PSH reported in 2022 was 0.01-foot.

During 2022, the PSH thickness reported in recovery well RW-2 indicated a decreasing trend from the first quarter through the fourth quarter of 2022. A maximum measured

thickness of 0.21-foot was observed in RW-2 during the bimonthly gauging event on February 25, 2022.

The PSH thickness reported in recovery well RW-3 indicated a decreasing trend from the first quarter relative to the fourth quarter 2022 sampling event. Recovery well RW-3 reported the maximum amount of PSH in any well during the bimonthly gauging events in 2022, with 0.54-foot measured on February 25 and March 31, 2022. The maximum PSH reported during the quarterly 2022 sampling events was 0.06-foot which occurred during the first quarter 2022 event.

The PSH thickness reported during bimonthly gauging in 2022 in recovery well RW-4 indicated a stable trend. A measurable thickness of 0.01-foot was reported on March 23, 2022, and was the only measurable PSH observed during 2022. A heavy sheen of product was recovered via manual bailing and/or submersible pumping during recovery events in the first and second quarters of 2022. No PSH sheen was reported during the third and fourth quarter 2022 recovery events.

The PSH thickness observed in recovery well RW-5 indicated declining levels during 2022. An observable sheen was detected periodically through the first half of 2022, with only a measurable accumulation of 0.03-foot being reported on March 23, 2022. A heavy sheen of product was recovered via manual bailing and/or submersible pumping during each recovery event in 2022.

The PSH thicknesses observed in recovery wells (IW-1 through IW-3) indicated a stable trend during 2022, which showed that the recovery system was operating appropriately.

3.3 Recovery System Installation

In August 2014, a PSH recovery system was installed at the Site. The system consisted of four (4) QED Environmental Systems (QED) high suction bladder pumps with a floating inlet genie skimmer, an air compressor, and a high-density polyethylene (HDPE) tank with high level shutoff switch. The genie skimmers were designed to fluctuate with the groundwater levels on a three (3)-foot rod assembly using a specific gravity float for optimized light non-aqueous phase liquid (LNAPL) recovery. The QED high suction bladder pumps hung above the skimmer, which eliminated air contact with the fluids, which minimized emulsification and Volatile Organic Compounds (VOC) emissions. The pneumatic bladder pumps use an electronic controller mounted outside the well to allow adjustment of pump cycles and on/off times. The pneumatic pumps were installed in recovery wells (IW-1, IW-2, IW-3, and RW-3) with the middle of the rod assembly for the genie skimmers set at a depth of approximately 52 feet from top of casing.

3.4 PSH Waste Disposal

Approximately 700-gallons of affected groundwater was recovered from the wells containing PSH or sheen during 2022 as part of manual bimonthly PSH recovery. These liquids, along with liquids generated as part of the recovery system, are removed via vacuum pumps from the HDPE tank and transported off-Site to am NMOCD approved disposal facility by Gravity of Eunice, New Mexico, on an as needed basis. No off-Site disposal of recovered fluids occurred in 2022.

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 include:

- **Primary Lines of Evidence (PLOE).** Relies on use of historical groundwater data that demonstrate a clear trend of stable or decreasing 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 demonstrate (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 Level Exceedance (PCLE) zone migration and decreasing COC concentrations.

4.2 Plume Stability and Monitored Natural Attenuation

The Vac to Jal #3 Site is currently undergoing Plume Stability Analysis. While samples are analyzed for field quality parameters (i.e., ferrous iron, nitrate, sulfate, etc.), insufficient data exists at this time to perform a reliable evaluation.

4.2.1 PLOEs

PLOEs evident at the Site include:

The benzene concentrations reported in the groundwater samples collected from the recovery wells in the apparent down-gradient direction of the plume (RW-4 and RW-5) from 2011 through 2022 have declined.

Benzene concentrations reported in the groundwater samples collected from the cross-gradient monitor well (MW-3) indicate nondetectable concentrations beginning in June 2014 through 2022.

Benzene concentrations reported in the groundwater samples collected from monitor and recovery wells located within or near the source area (MW-1, RW-3, IW-1, and IW-2), indicated declining levels in 2022 relative to 2021. While the reported concentrations of benzene analyzed in IW-1 occur at levels above the NMOCD criteria, they appear to be declining relative to benzene concentrations reported in 2021.

The dissolved phase plume was evaluated by analyzing groundwater samples collected quarterly in 2022 from monitor wells without the presence of PSH. Laboratory analysis of groundwater samples collected from monitor wells (MW-2 through MW-9) indicated nondetectable benzene concentrations. Groundwater samples were also collected from wells with a measurable thickness of PSH during at least one (1) quarter in 2022. Benzene was detected above the NMOCD remediation criteria during at least one (1) sampling event in 2022 in recovery wells (RW-1, IW-1, and IW-3).

Understanding plume stability is an important step in the remedial planning process for the 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 Groundwater Monitoring Report.

The plume stability analysis is a dynamic process conducted in order to understand the overall stability of the benzene plume from 2008 through 2022. This study includes the development of benzene concentration isopleths maps. An average of the benzene concentrations reported in the four (4) quarterly groundwater sampling events were used for all the monitor wells (MW-2 through MW-9) that did not indicate the presence of PSH in 2022. Monitor and recovery wells (MW-1, RW-1 through RW-3 and IW-1 through IW-3) which historically indicated measurable PSH were all sampled during the second quarterly sampling event at a minimum. Recovery wells (RW-1, RW-4, and RW-5), were all sampled in at least two (2) quarters during 2022. The maximum

analyzed concentration of benzene in 2022 has been used in the plume evaluation. Plume characteristics such as the plume area, average concentration, mass, and centers of mass were calculated for each of the benzene plumes using numerical methods.

The benzene concentration isopleth maps for 2015 through 2022 are presented in **Figures 5 through 11** respectively.

4.2.1.1 Mann Kendall Trend Test

The Mann Kendall Trend Test (MKTT) 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 monitor and recovery wells at the Site (MW-1, RW-1 through RW-5, and IW-1 through IW-3) between June 2, 2011, and December 7, 2022, were evaluated using the MKTT. Only monitor wells with detectable concentrations of benzene were evaluated.

The results of the MKTT and confidence factors are summarized in the table below:

Benzene Evaluation		
Well ID	**Confidence Factor**	**Trend**
MW-1	>99.9%	Decreasing
RW-1	99.9%	Decreasing
RW-2	99.8%	Decreasing
RW-3	95.0%	Prob. Decreasing
RW-4	>99.9%	Decreasing
RW-5	>99.9%	Decreasing

Benzene Evaluation		
IW-1	91.3%	Prob. Decreasing
IW-2	97.1%	Decreasing
IW-3	75.3%	No Trend

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

5.0 FINDINGS

Findings and recommendations resulting from groundwater monitoring at the Site in 2022 are summarized below.

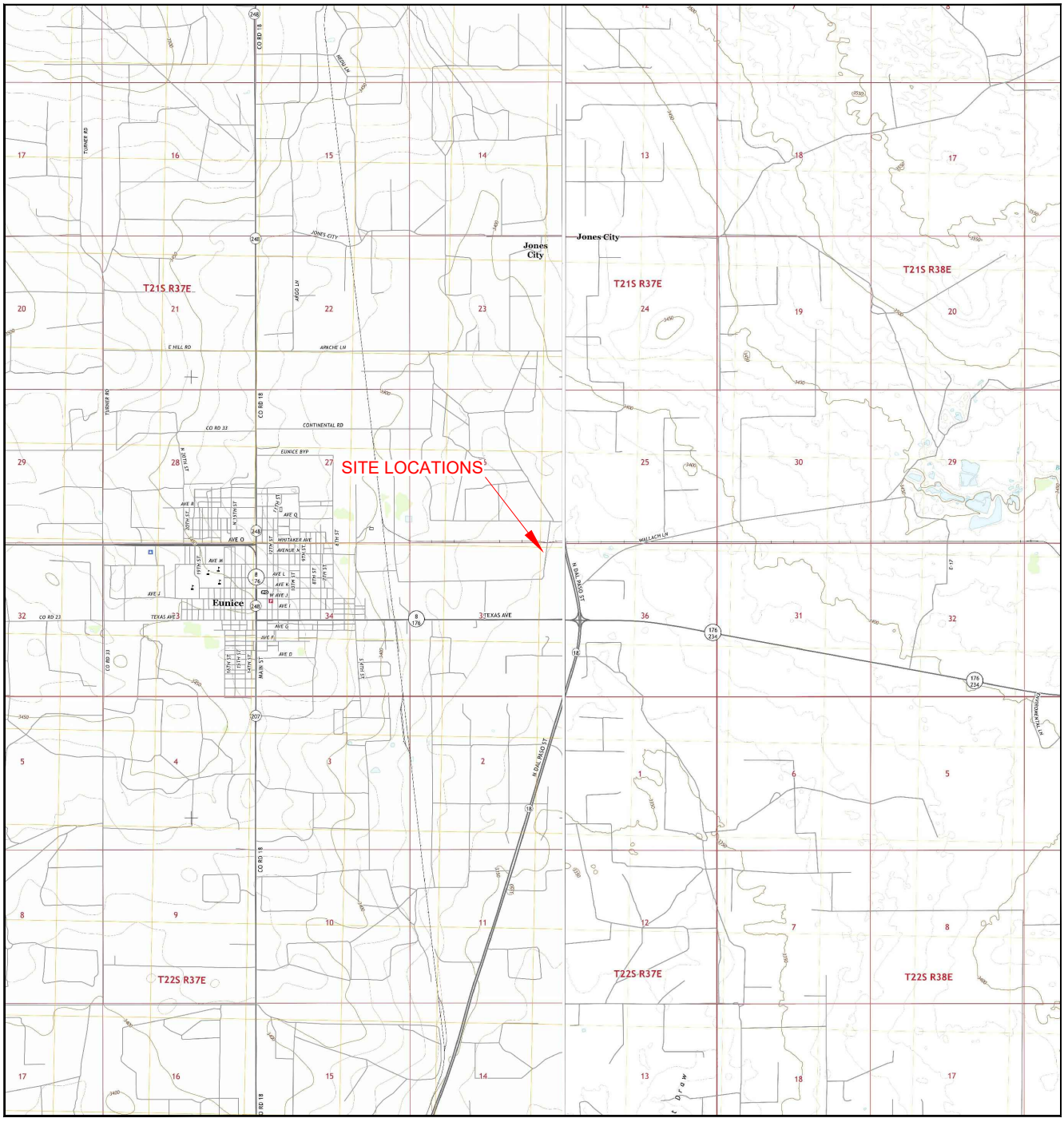
- Groundwater flow in the uppermost groundwater-bearing unit is to the general east-southeast ranging from 0.004076- to 0.005381-ft/ft, as measured between wells MW-4 and MW-7.
- Analytical results reported for the groundwater samples collected from eight (8) monitor and four (4) recovery wells (MW-2 through MW-9 and RW-2 through RW-5, respectively) indicated nondetectable BTEX concentrations for all four (4) quarters of 2022. Analysis of groundwater samples collected from recovery wells (RW-1, IW-1, and IW-3) indicated benzene concentrations exceeding the NMOCD criteria during at least one (1) quarterly sampling event in 2022.
- PSH recovered by manual methods from wells (MW-1, RW-1, RW-2, RW-4, and RW-5) and generated by the automated recovery system in wells (RW-3 and IW-1 through IW-3), continued during 2022. The estimated quantity of PSH recovered from wells exhibiting PSH during bimonthly recovery efforts totaled approximately one (1)-gallon PSH and 428-gallons of dissolved-phase groundwater.
- The PSH plume appears to be decreasing, and has remained in the historical source area located in the vicinity of monitor and recovery wells (MW-1, RW-1 through RW-5, and IW-1 through IW-3). It appears that there is no downgradient migration of the PSH plume.

Based on PSH recovery and laboratory analysis of groundwater samples collected during 2022 (and previously) at the Site, EnTech recommends the following:

- Continue PSH recovery from monitor and recovery wells MW-1, RW-1, RW-2, RW-4, RW-5, and IW-1 through IW-3 on a bimonthly basis;
- Continue groundwater monitoring on a quarterly basis in wells without measurable PSH; and,
- PAH samples should be collected during the annual groundwater sampling event in 2023 from monitor and recovery wells (MW-1 and IW-1 and IW-3) as at least one (1) PAH analyte was detected above the NMOCD criteria in 2022. All other PAH samples (RW-1 through RW-5 and IW-2) have had two (2) consecutive

annual sampling events without detections above the NMOCD criteria and will be discontinued per the 2020 Annual Groundwater Monitoring Report Approval.

FIGURES



Eunice Quadrangle (2017)
Eunice NE Quadrangle (2019)
32.442431"N Latitude & -103.127169"W Longitude

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

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Figure 1
Site Location Map
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12014	DATE: 1/21

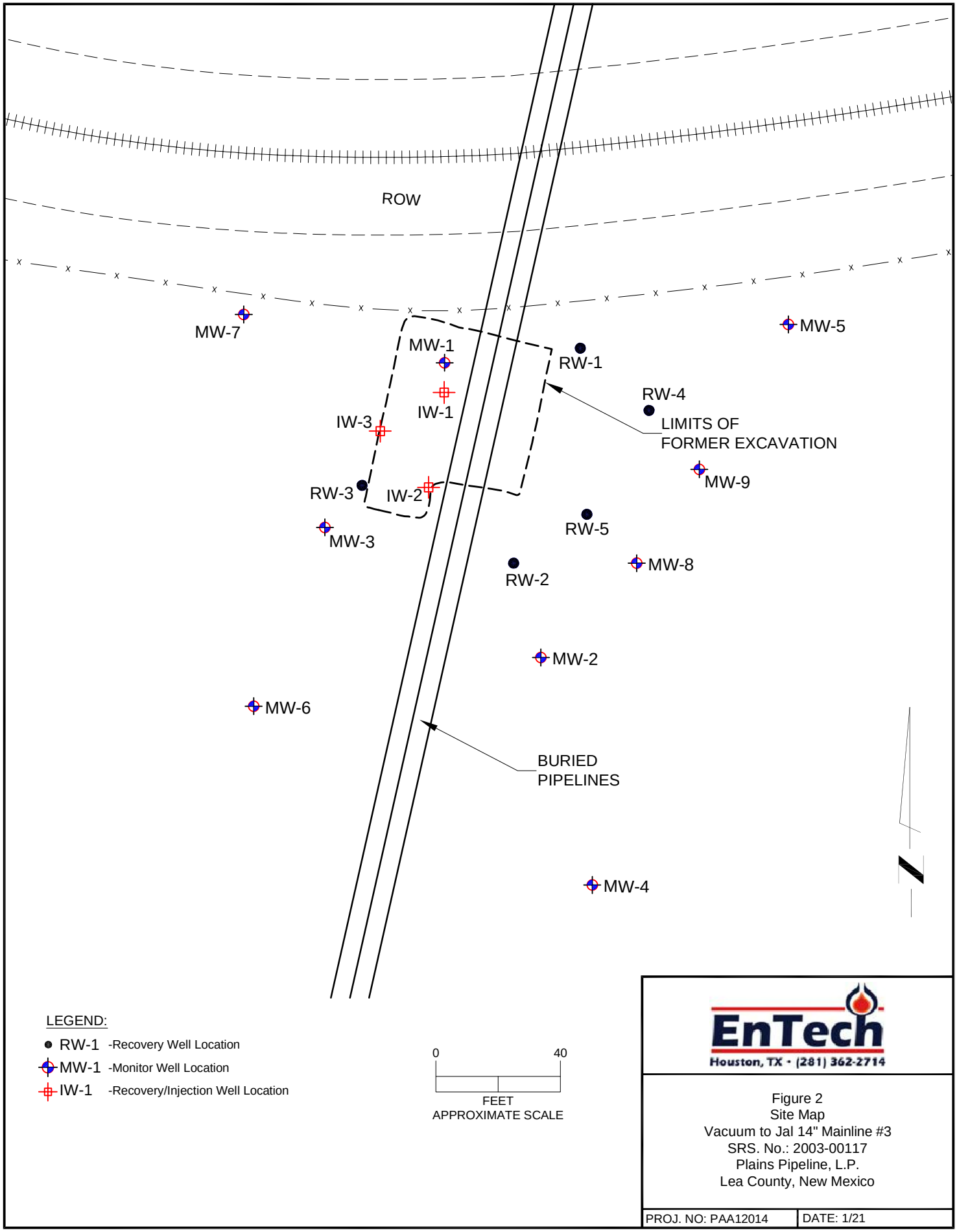

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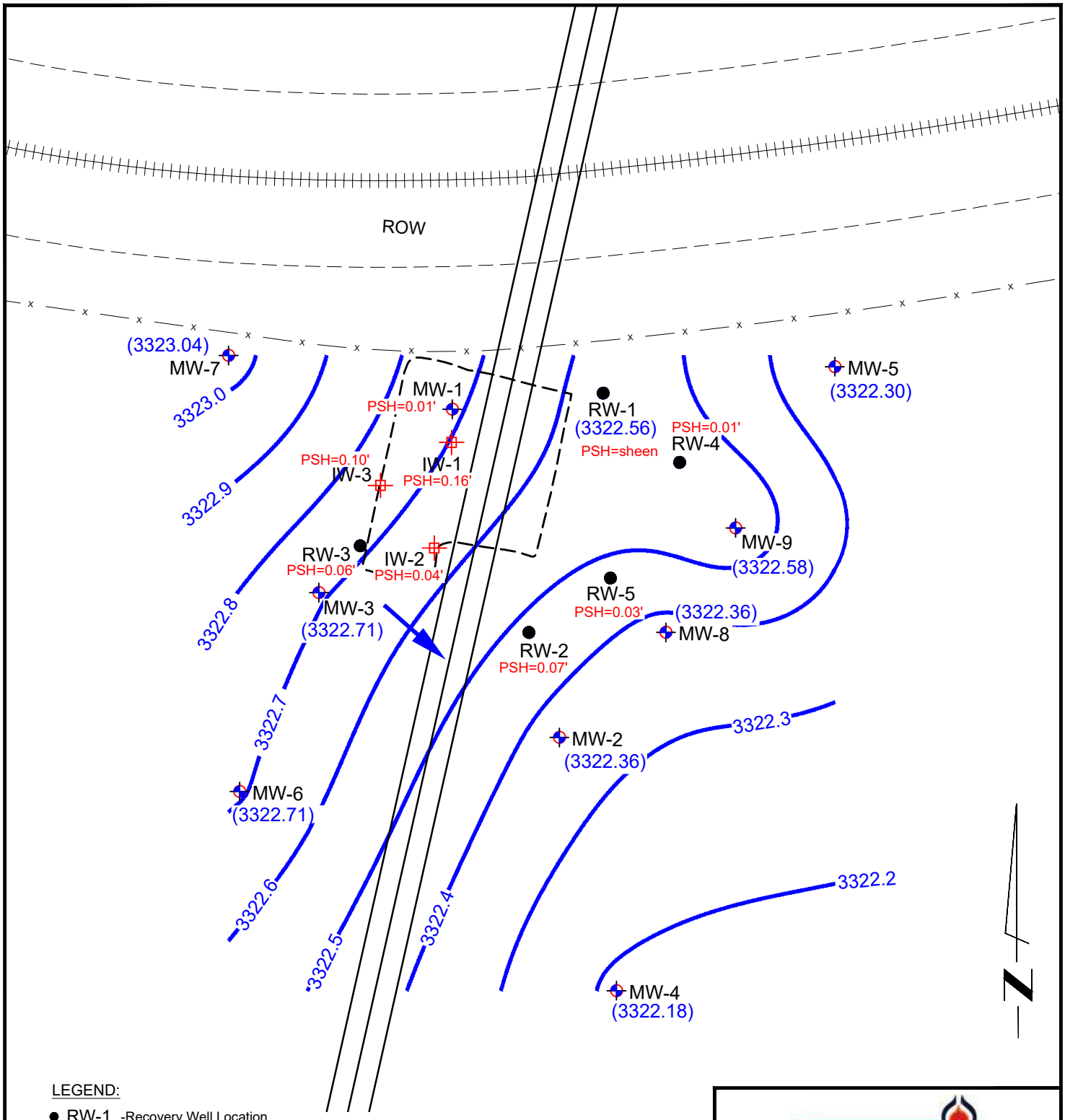
Figure 2
Site Map
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12014	DATE: 1/21



LEGEND:

- RW-1 -Recovery Well Location
- MW-1 -Monitor Well Location
- IW-1 -Recovery/Injection Well Location
- 3318.1 - Groundwater Elevation Contour, ft. Contour Interval = 0.10'
- (3318.14) - Corrected Groundwater Elevation, ft.
- <3318.14> - Not Used to Contour
- - Grounwater Flow Direction
- PSH - Phase-separated Hydrocarbons

Note: MW-1, RW-2 through RW-5, & IW-1 through IW-3 are not used to prepare the contours.

0 40
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APPROXIMATE SCALE

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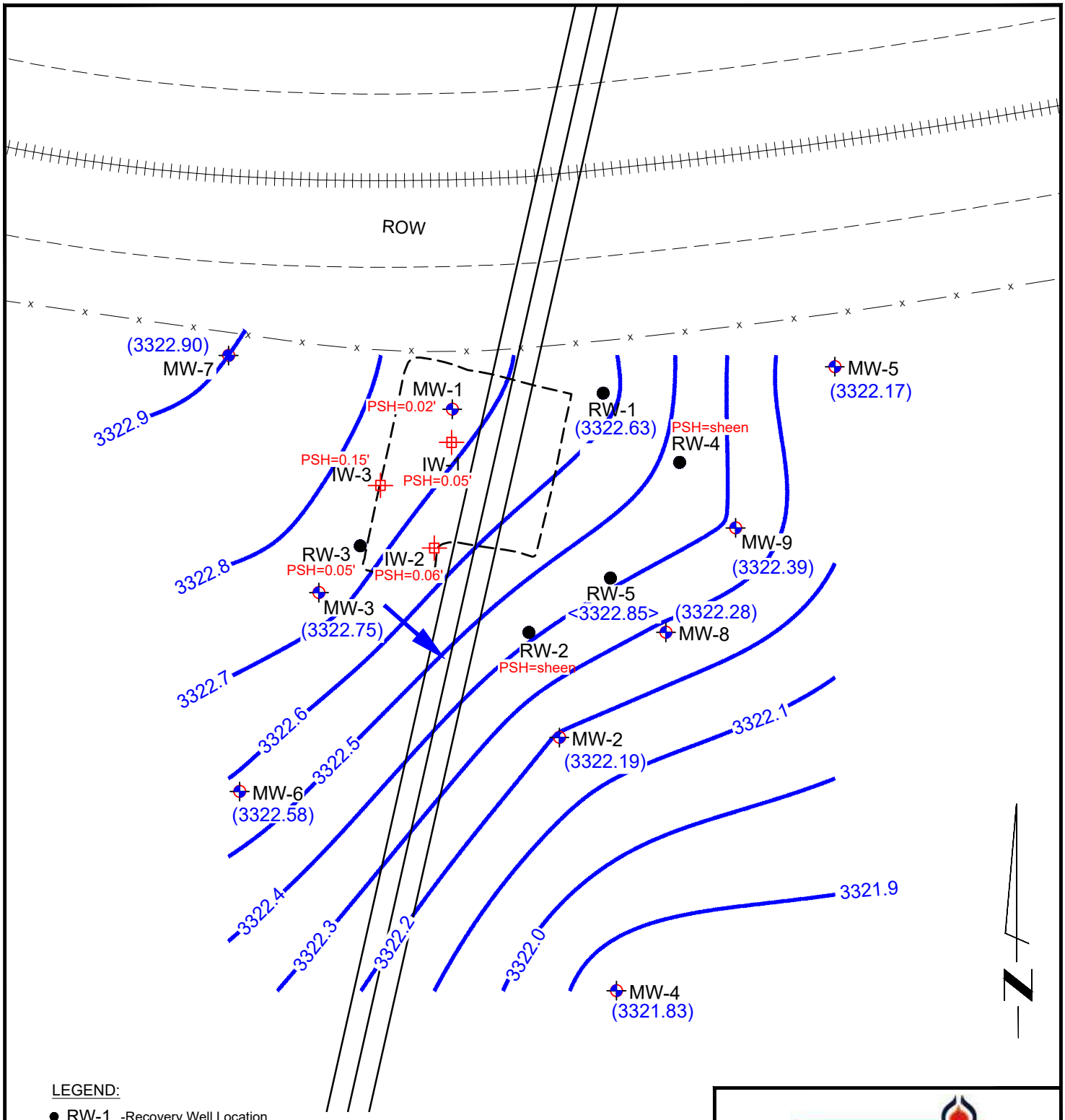
Figure 3A
1st Quarter 2022 - Groundwater Gradient Map
March 23, 2022
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12014 | DATE: 4/22



LEGEND:

- RW-1 -Recovery Well Location
- MW-1 -Monitor Well Location
- IW-1 -Recovery/Injection Well Location
- 3318.1 - Groundwater Elevation Contour, ft. Contour Interval = 0.10'
- (3318.14) - Corrected Groundwater Elevation, ft.
- <3318.14> - Not Used to Contour
- - Grounwater Flow Direction
- PSH - Phase-separated Hydrocarbons

Note: MW-1, RW-2 through RW-5, & IW-1 through IW-3 are not used to prepare the contours.

0 40
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APPROXIMATE SCALE

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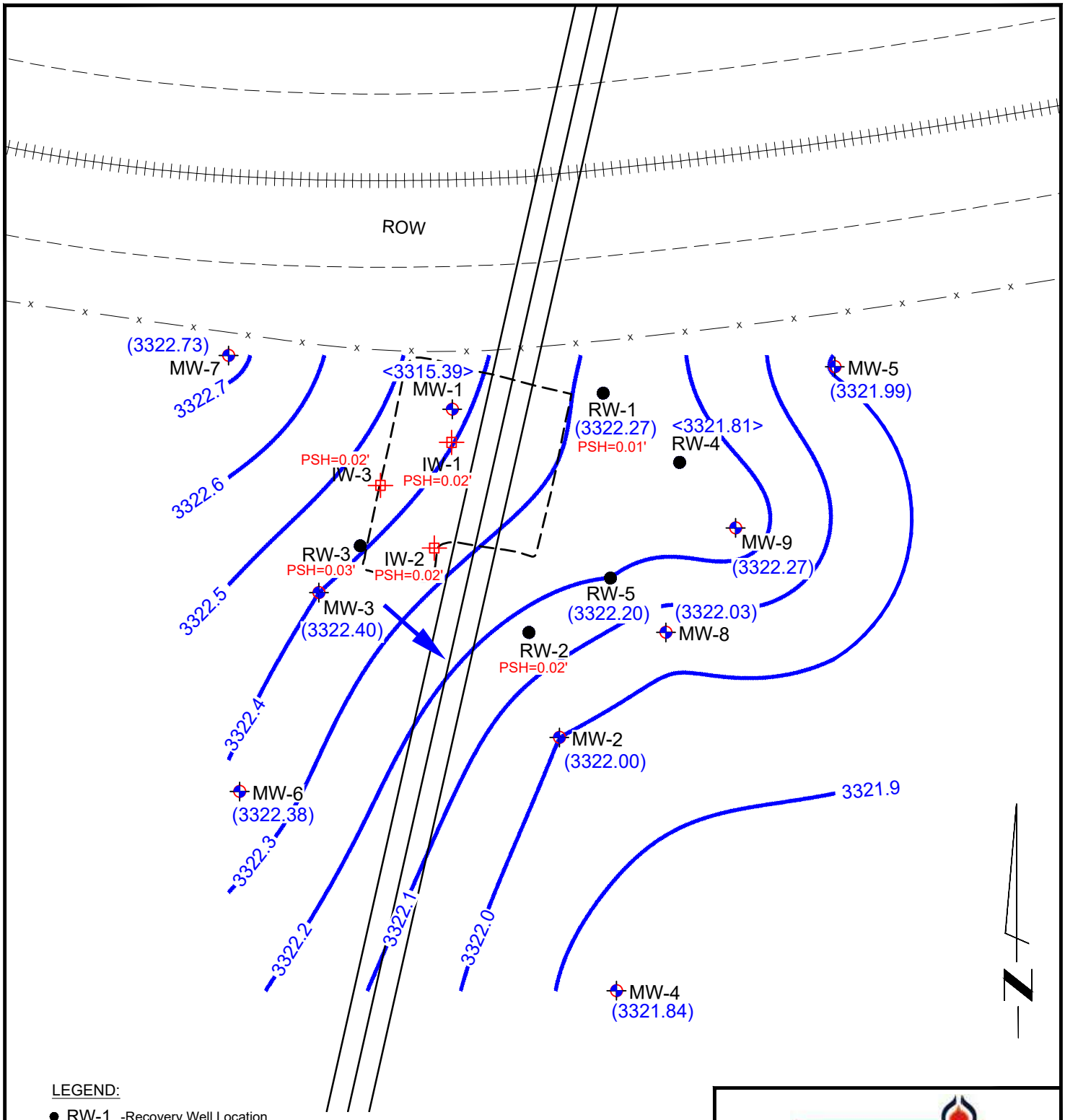
Figure 3B
2nd Quarter 2022 - Groundwater Gradient Map
June 22, 2022
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12014	DATE: 7/22



Note: MW-1, RW-2 through RW-4, & IW-1 through IW-3 are not used to prepare the contours.

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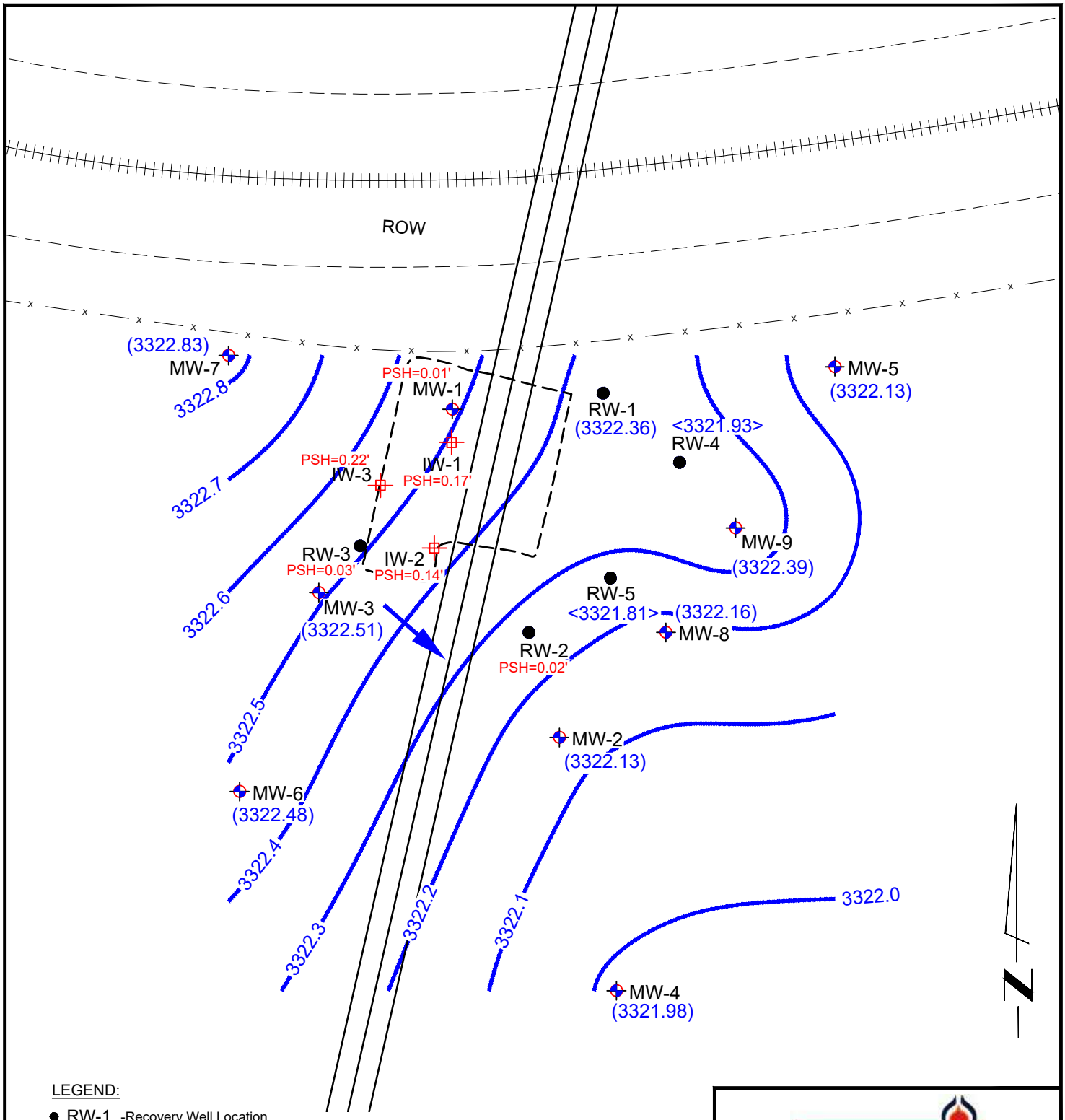
Figure 3C
3rd Quarter 2022 - Groundwater Gradient Map
September 28, 2022
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12014	DATE: 10/22



Note: MW-1, RW-2 through RW-4, & IW-1 through IW-3 are not used to prepare the contours.

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Figure 3D
4th Quarter 2022 - Groundwater Gradient Map
December 6, 2022
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12014 | DATE: 1/23

ROW

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	03/24/22	<0.0000941	<0.000278	<0.000137	<0.000174

MW-7

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-1	03/24/22	0.0135	0.000391 J	0.00320	0.00541

RW-1

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	03/24/22	<0.0000941	<0.000278	<0.000137	<0.000174

MW-5

MW-1
NS

IW-1
NS

IW-3
NS

RW-4
NS

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-9	03/24/22	<0.0000941	<0.000278	<0.000137	<0.000174

MW-9

NS
RW-3

IW-2
NS

MW-3

RW-5
NS

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-3	03/24/22	<0.0000941	<0.000278	<0.000137	<0.000174

RW-2
NS

MW-8

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-8	03/24/22	<0.0000941	<0.000278	<0.000137	<0.000174

MW-6

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-6	03/24/22	<0.0000941	<0.000278	<0.000137	<0.000174

MW-2

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-2	03/24/22	<0.0000941	<0.000278	<0.000137	<0.000174

BURIED
PIPELINES

MW-4

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-4	03/24/22	<0.0000941	<0.000278	<0.000137	<0.000174

N

LEGEND:

- RW-1 -Recovery Well Location
- MW-1 -Monitor Well Location
- IW-1 -Recovery/Injection Well Location

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

Concentrations in **BOLD** exceed the NMOCD Remediation Criteria for the Site.
NS - Not Sampled

0 40
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APPROXIMATE SCALE

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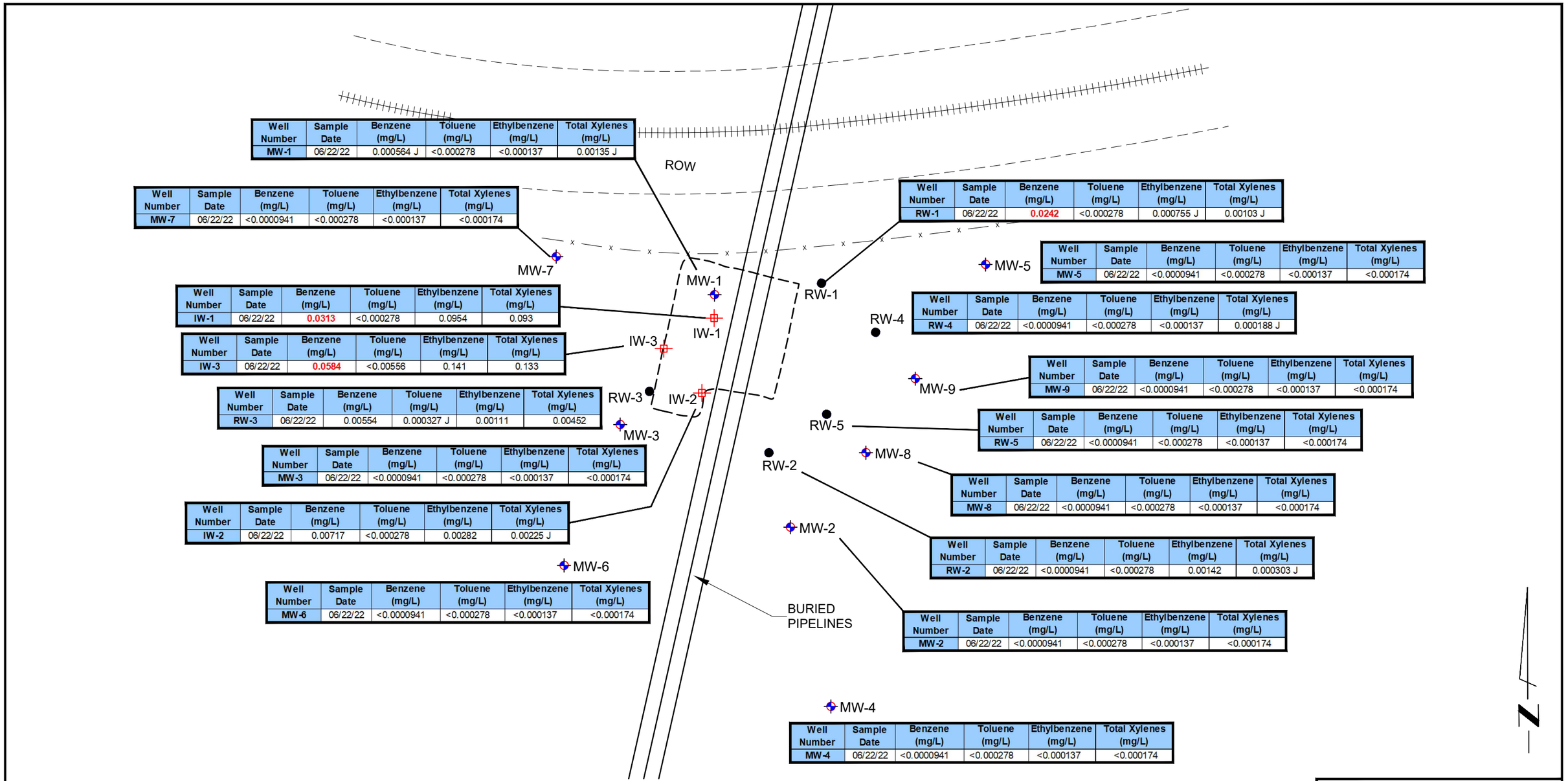
Figure 4A
1st Quarter 2022 Groundwater Analytical Map
March 24, 2022
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12014 | DATE: 4/22



Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-1	06/22/22	0.000564 J	<0.000278	<0.000137	0.00135 J

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	06/22/22	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
IW-1	06/22/22	**0.0313**	<0.000278	0.0954	0.093

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
IW-3	06/22/22	**0.0584**	<0.00556	0.141	0.133

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-3	06/22/22	0.00554	0.000327 J	0.00111	0.00452

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-3	06/22/22	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
IW-2	06/22/22	0.00717	<0.000278	0.00282	0.00225 J

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-6	06/22/22	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-1	06/22/22	**0.0242**	<0.000278	0.000755 J	0.00103 J

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	06/22/22	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-4	06/22/22	<0.0000941	<0.000278	<0.000137	0.000188 J

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-9	06/22/22	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-5	06/22/22	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-8	06/22/22	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-2	06/22/22	<0.0000941	<0.000278	0.00142	0.000303 J

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-2	06/22/22	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-4	06/22/22	<0.0000941	<0.000278	<0.000137	<0.000174

LEGEND:

- RW-1 -Recovery Well Location
- MW-1 -Monitor Well Location
- IW-1 -Recovery/Injection Well Location

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

Concentrations in **BOLD** exceed the NMOCD Remediation Criteria for the Site.
NS - Not Sampled

0 40
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Figure 4B
2nd Quarter 2022 Groundwater Analytical Map
June 22, 2022
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12014 | DATE: 7/22

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-1	09/29/22	0.00338	<0.000278	0.00199	0.00211 J

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	09/29/22	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	09/29/22	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-4	09/29/22	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-9	09/29/22	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-5	09/29/22	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-8	09/29/22	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-3	09/29/22	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-6	09/29/22	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-2	09/29/22	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-4	09/29/22	<0.0000941	<0.000278	<0.000137	<0.000174

ROW

BURIED PIPELINES

MW-1 MW-2 MW-3 MW-4 MW-5 MW-6 MW-7 MW-8 MW-9

RW-1 RW-2 RW-3 RW-4 RW-5

IW-1 IW-2 IW-3

LEGEND:

- RW-1 -Recovery Well Location
- MW-1 -Monitor Well Location
- IW-1 -Recovery/Injection Well Location

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

Concentrations in **BOLD** exceed the NMOCD Remediation Criteria for the Site.
NS - Not Sampled

0 40
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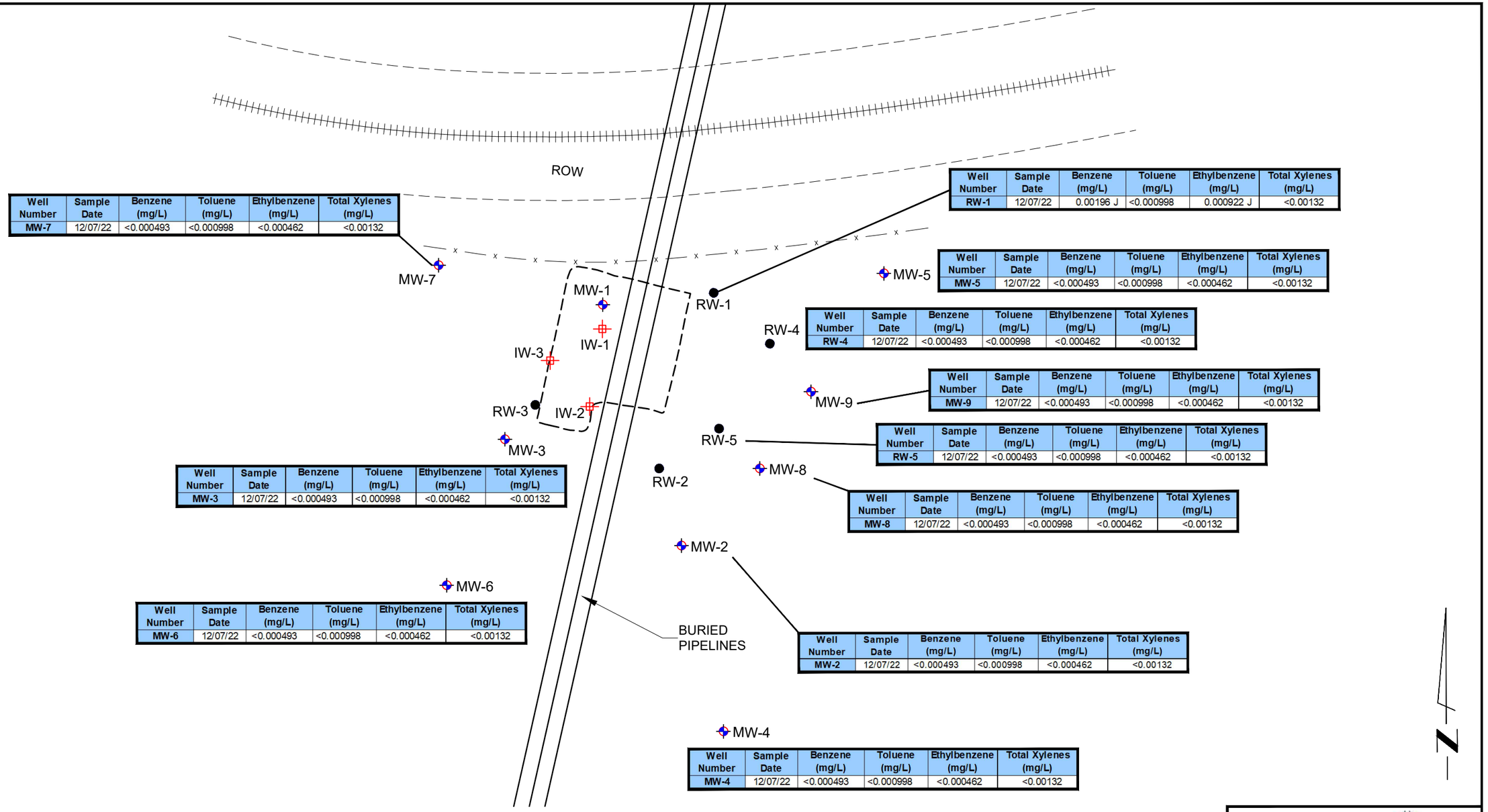
Figure 4C
3rd Quarter 2022 Groundwater Analytical Map
September 29, 2022
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12014 | DATE: 10/22



Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	12/07/22	<0.000493	<0.000998	<0.000462	<0.00132

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-1	12/07/22	0.00196 J	<0.000998	0.000922 J	<0.00132

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	12/07/22	<0.000493	<0.000998	<0.000462	<0.00132

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-4	12/07/22	<0.000493	<0.000998	<0.000462	<0.00132

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-9	12/07/22	<0.000493	<0.000998	<0.000462	<0.00132

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-5	12/07/22	<0.000493	<0.000998	<0.000462	<0.00132

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-8	12/07/22	<0.000493	<0.000998	<0.000462	<0.00132

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-3	12/07/22	<0.000493	<0.000998	<0.000462	<0.00132

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-6	12/07/22	<0.000493	<0.000998	<0.000462	<0.00132

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-2	12/07/22	<0.000493	<0.000998	<0.000462	<0.00132

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-4	12/07/22	<0.000493	<0.000998	<0.000462	<0.00132

LEGEND:

- RW-1 -Recovery Well Location
- MW-1 -Monitor Well Location
- IW-1 -Recovery/Injection Well Location

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

Concentrations in **BOLD** exceed the NMOCD Remediation Criteria for the Site.
NS - Not Sampled

0 40
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APPROXIMATE SCALE

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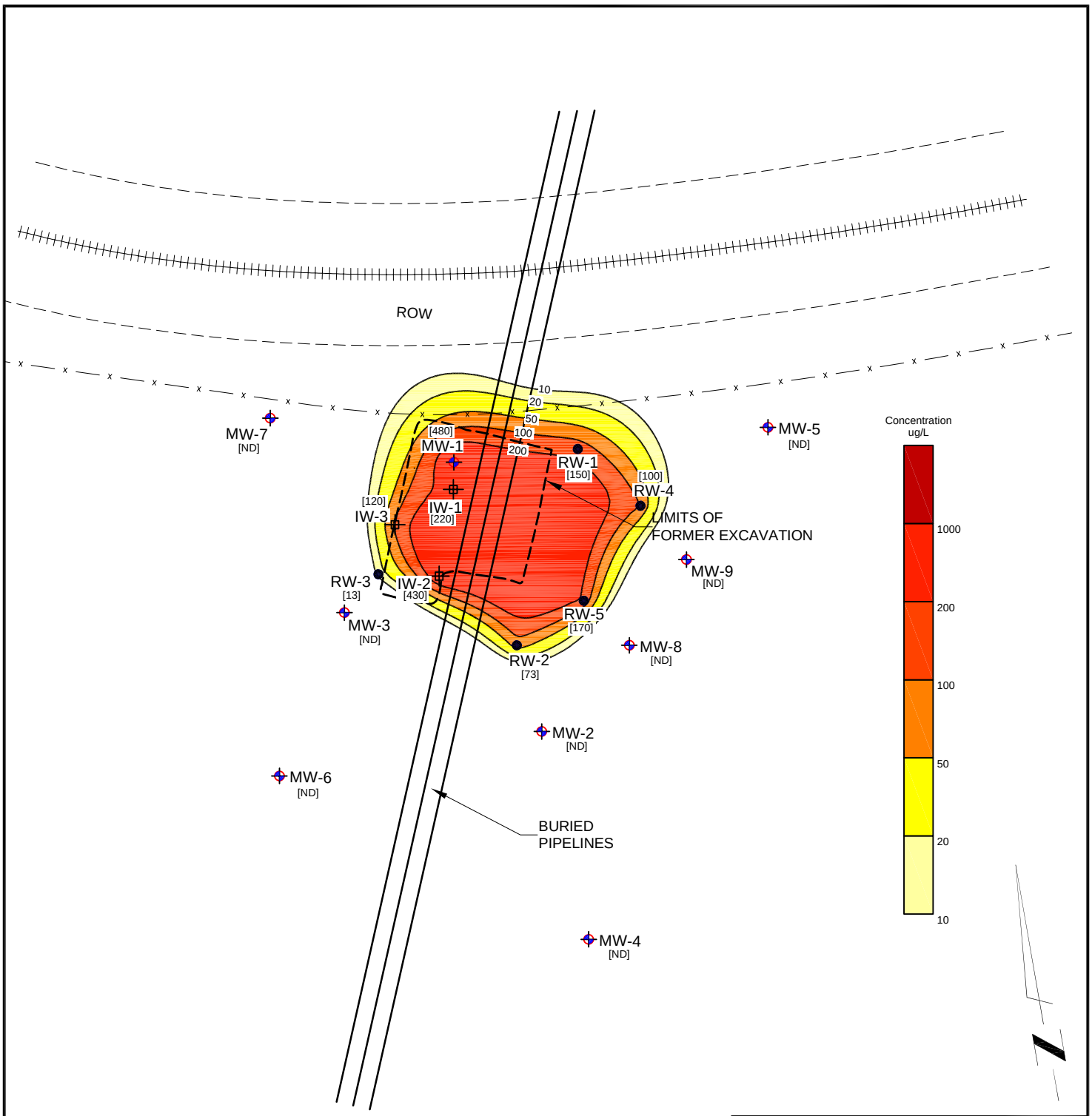
Figure 4D
4th Quarter 2022 Groundwater Analytical Map
December 7, 2022
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12014 | DATE: 1/23



LEGEND:

- RW-1 -Recovery Well Location
- MW-1 -Monitor Well Location
- [550] -Benzene Concentration in ug/L
- ND -Not Detected

NOTE:
The benzene concentrations presented on this map represent the highest concentration reported in the groundwater samples collected during 2015.

0 50
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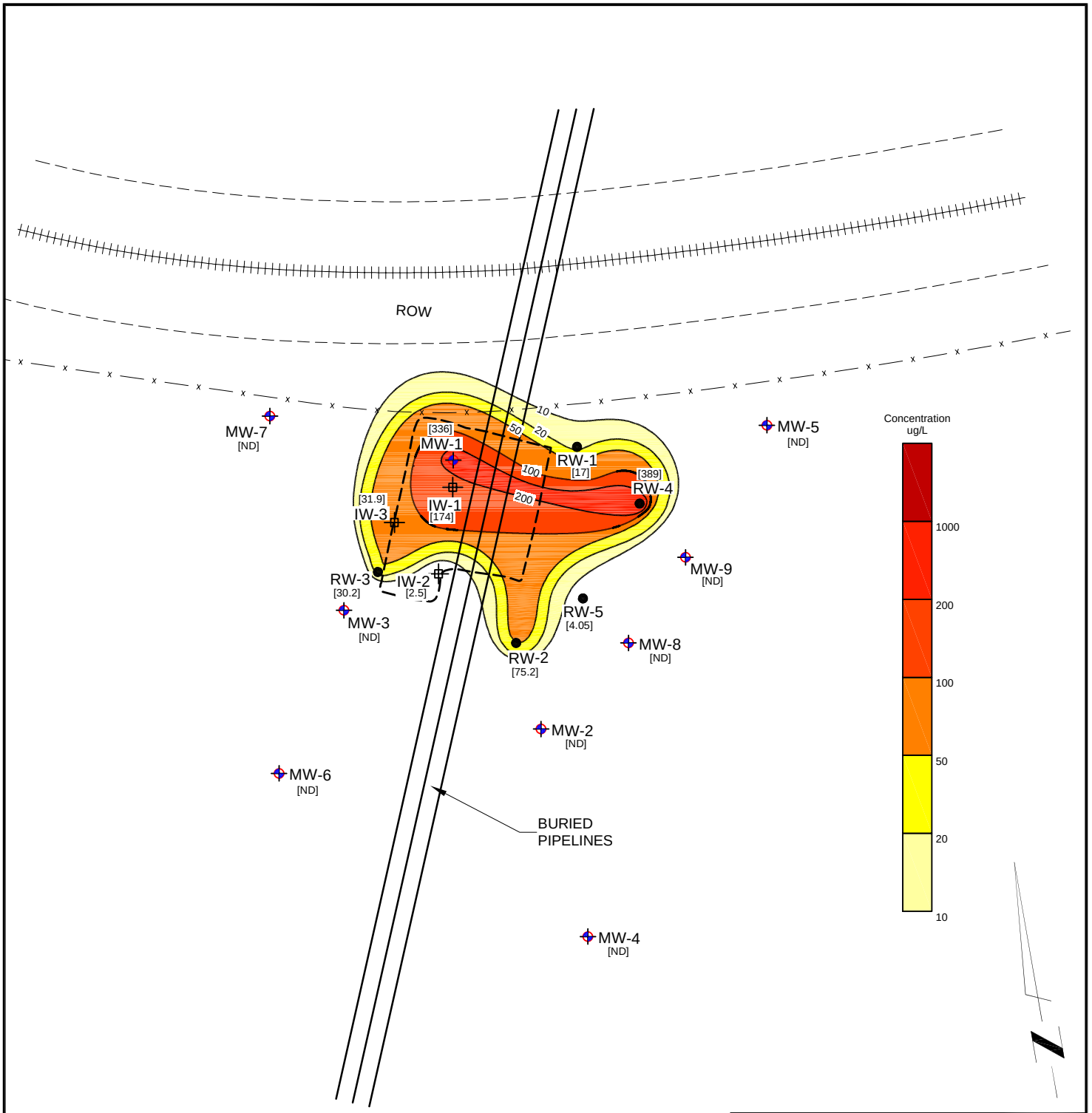
Figure 5
2015 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12014	DATE: 1/21



LEGEND:

- RW-1 -Recovery Well Location
- MW-1 -Monitor Well Location
- [550] -Benzene Concentration in ug/L
- ND -Not Detected

NOTE:
The benzene concentrations presented on this map represent the highest concentration reported in the groundwater samples collected during 2016.

0 50
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APPROXIMATE SCALE

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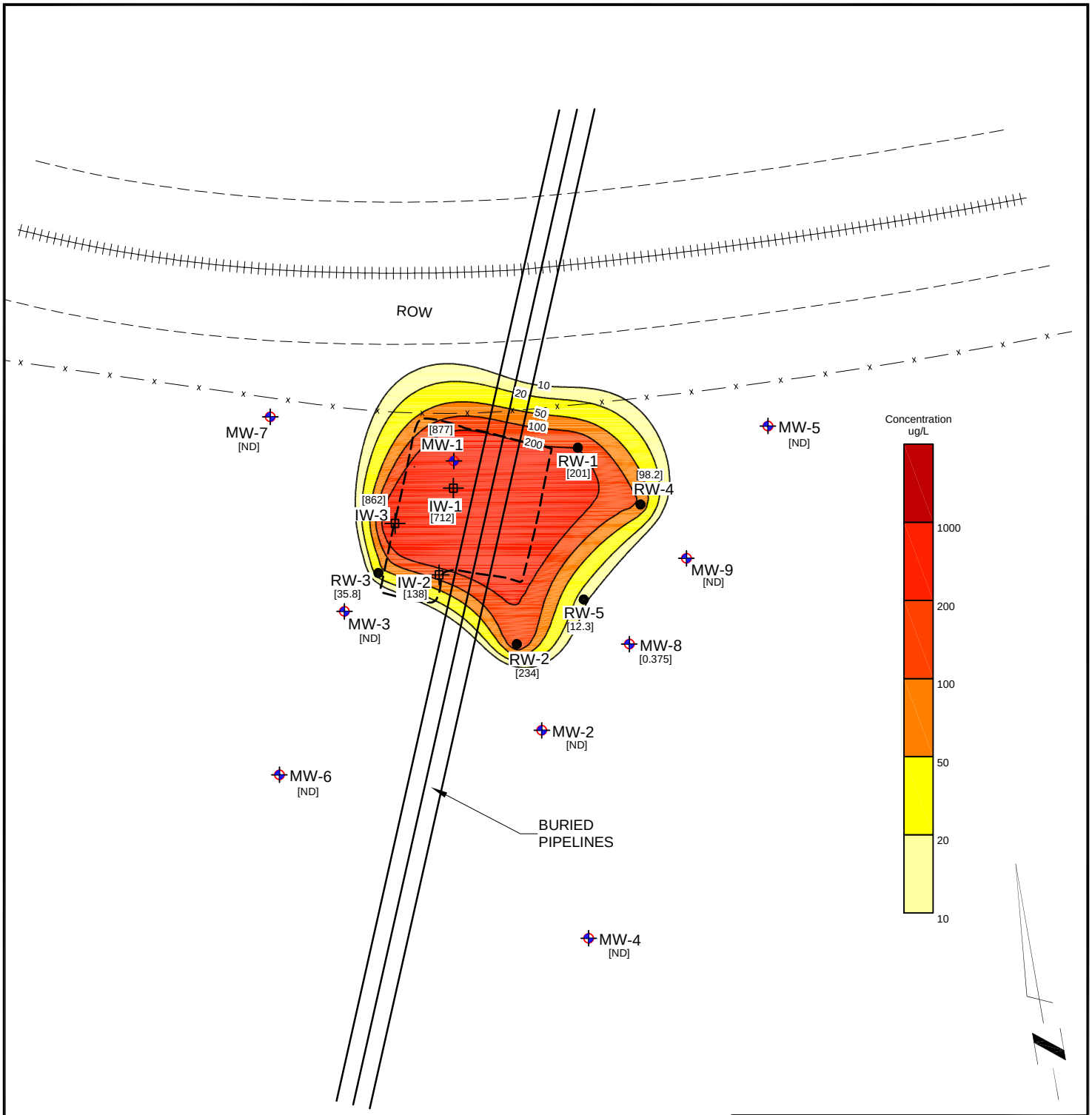
Figure 6
2016 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12014 | DATE: 1/21



LEGEND:

- RW-1 -Recovery Well Location
- MW-1 -Monitor Well Location
- [550] -Benzene Concentration in ug/L
- ND -Not Detected

NOTE:
The benzene concentrations presented on this map represent the highest concentration reported in the groundwater samples collected during 2017.

0 50
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APPROXIMATE SCALE

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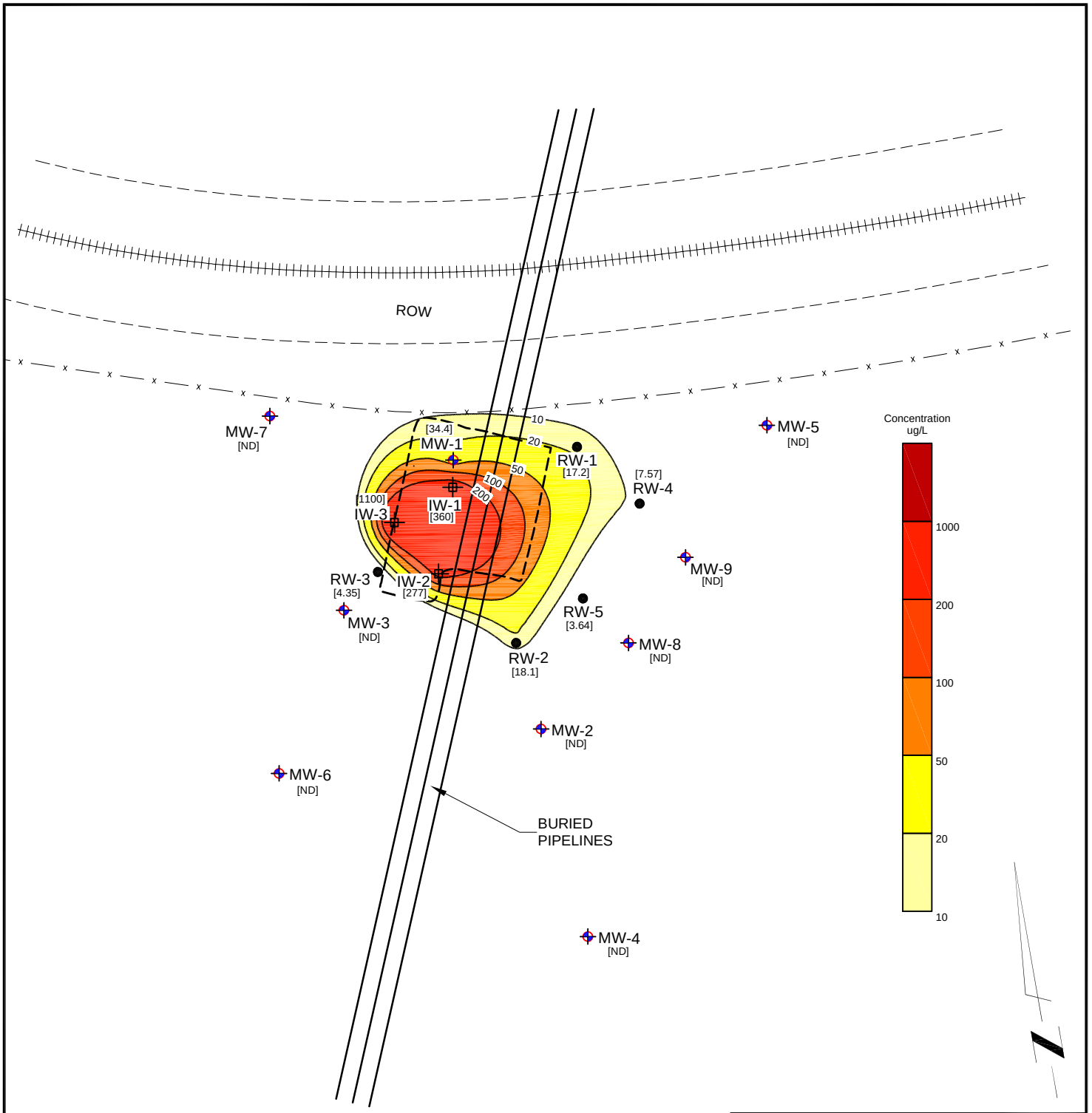
Figure 7
2017 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12014 | DATE: 1/21



LEGEND:

- RW-1 -Recovery Well Location
- MW-1 -Monitor Well Location
- [550] -Benzene Concentration in ug/L
- ND -Not Detected

NNOTE:
The benzene concentrations presented on this map represent the highest concentration reported in the groundwater samples collected during 2018.

0 50
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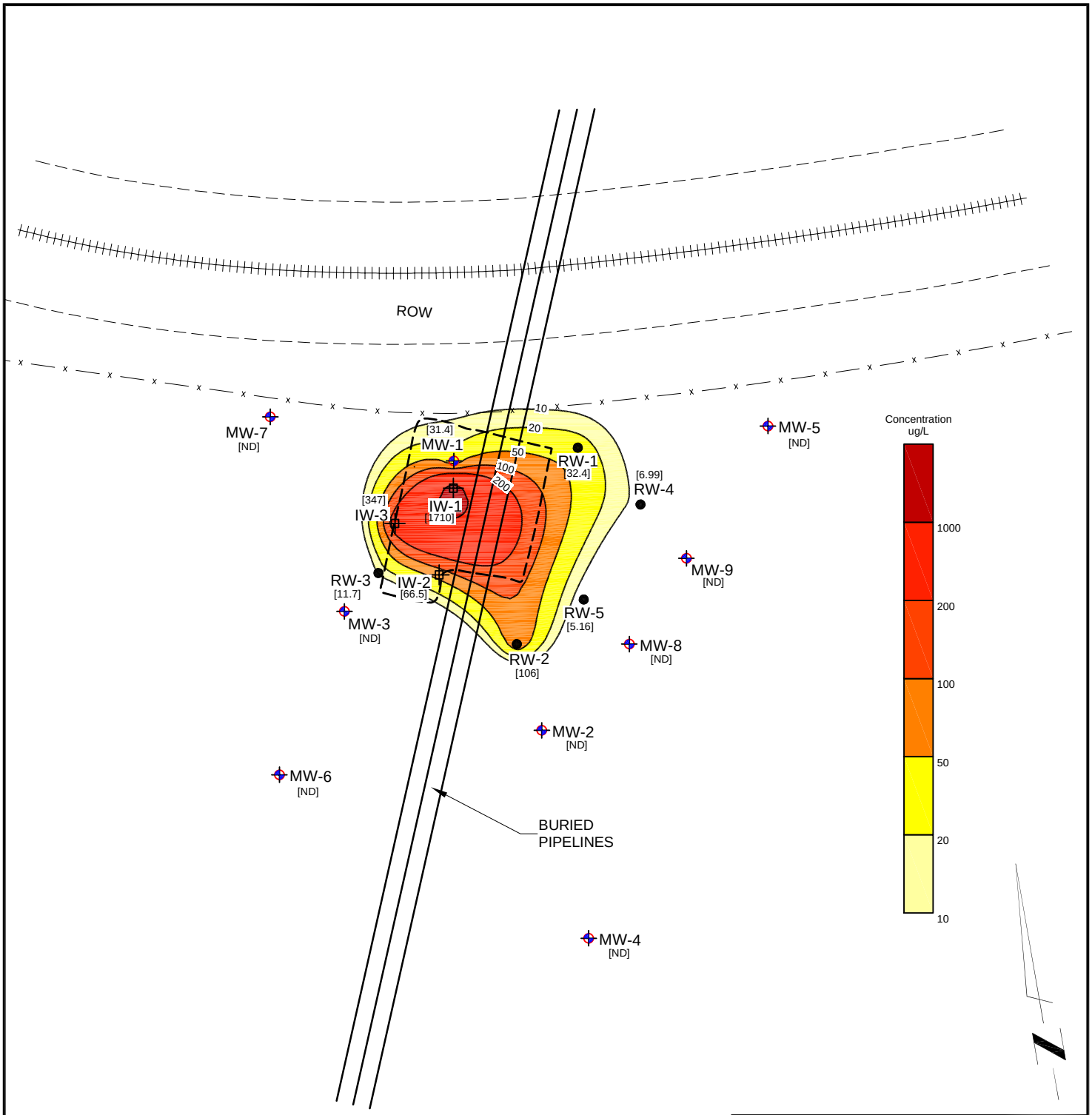
Figure 8
2018 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12014 | DATE: 1/21



LEGEND:

- RW-1 -Recovery Well Location
- MW-1 -Monitor Well Location
- [550] -Benzene Concentration in ug/L
- ND -Not Detected

NOTE:
The benzene concentrations presented on this map represent the highest concentration reported in the groundwater samples collected during 2019.

0 50
FEET
APPROXIMATE SCALE

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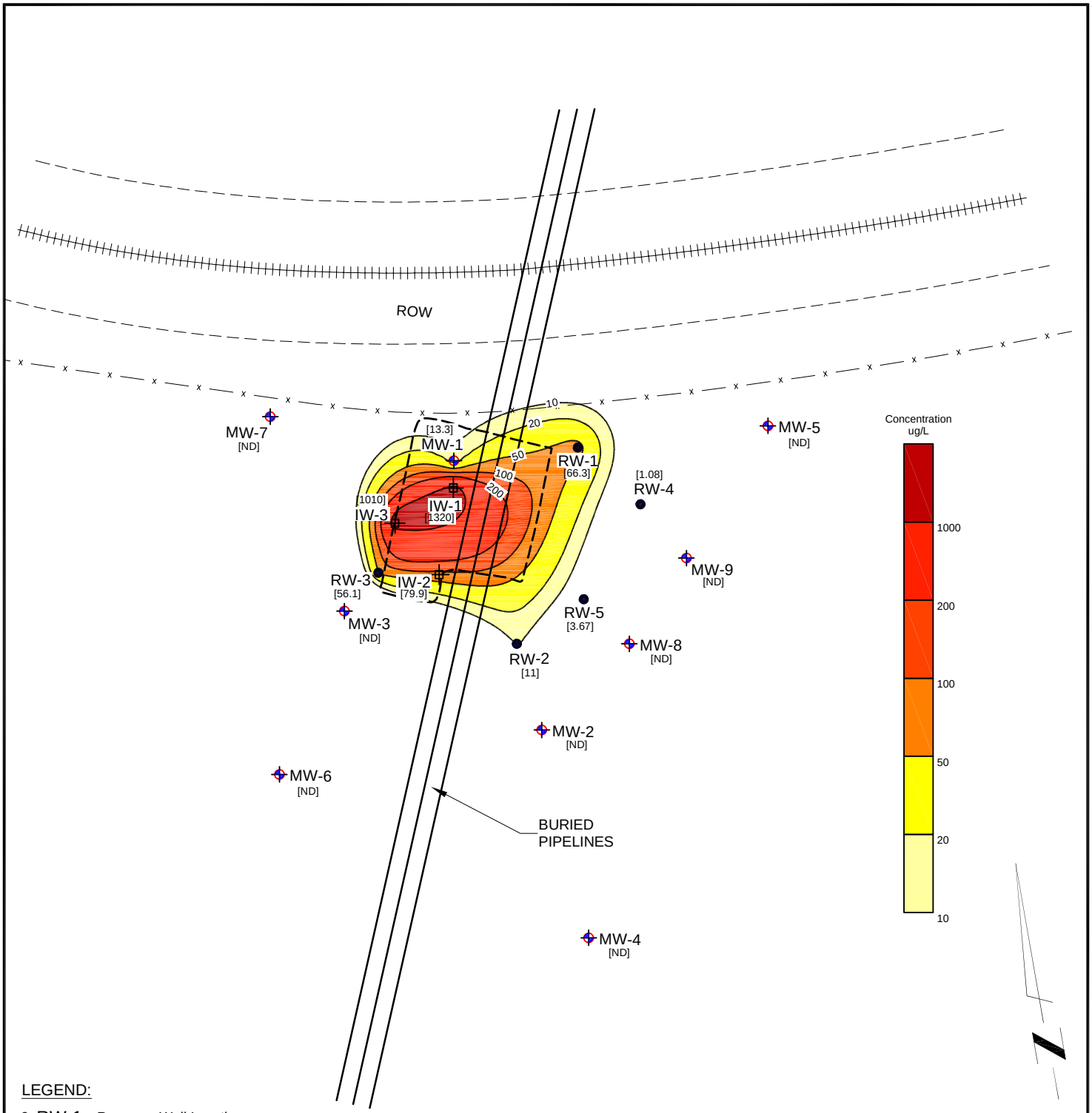
Houston, TX · (281) 362-2714

Figure 9
2019 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12014 | DATE: 1/21



LEGEND:

- RW-1 -Recovery Well Location
- MW-1 -Monitor Well Location
- IW-1 -Injection Well Location
- [550] -Benzene Concentration in ug/L
- ND -Not Detected

NOTE:
The benzene concentrations presented on this map represent the highest concentration reported in the groundwater samples collected during 2020.

0 50
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APPROXIMATE SCALE

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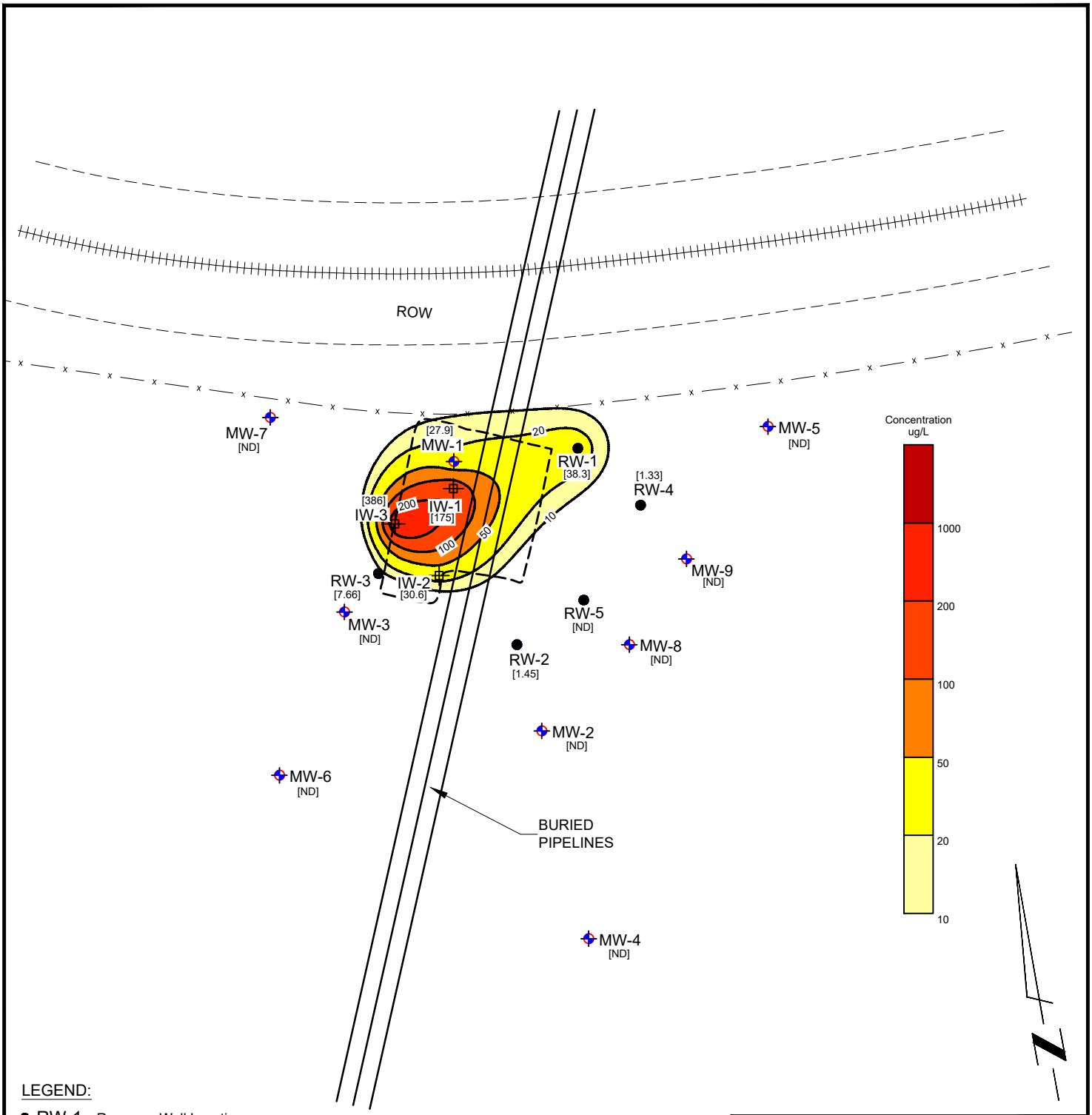
Figure 10
2020 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12014	DATE: 1/21



LEGEND:

- RW-1 -Recovery Well Location
- MW-1 -Monitor Well Location
- IW-1 -Injection Well Location
- [550] -Benzene Concentration in ug/L
- ND -Not Detected

NOTE:
The benzene concentrations presented on this map represent the highest concentration reported in the groundwater samples collected during 2021.

0 50
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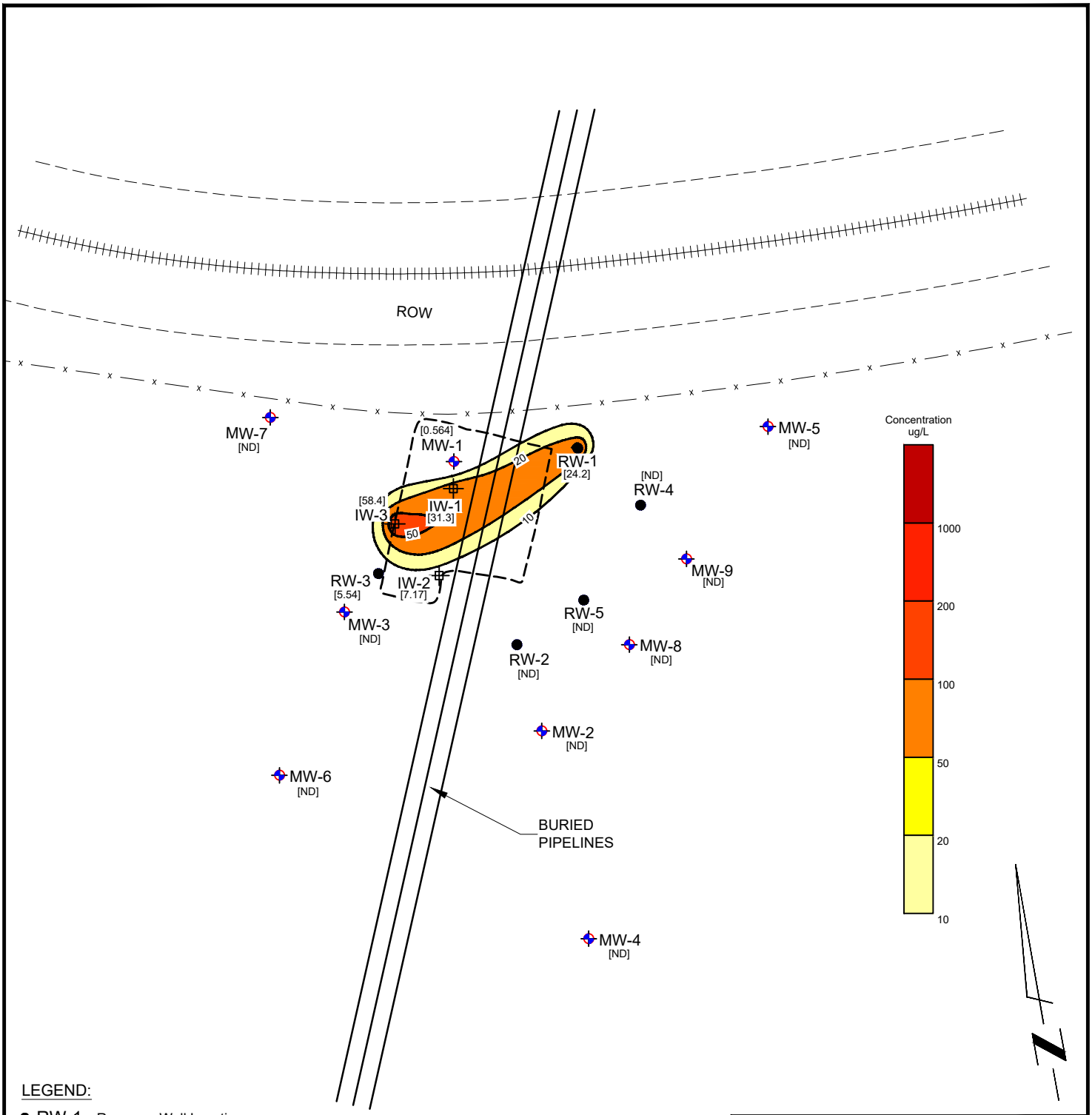
Figure 11
2021 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12014 | DATE: 1/22



LEGEND:

- RW-1 -Recovery Well Location
- MW-1 -Monitor Well Location
- IW-1 -Injection Well Location
- [550] -Benzene Concentration in ug/L
- ND -Not Detected

NOTE:
The benzene concentrations presented on this map represent the highest concentration reported in the groundwater samples collected during 2021.

0 50
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APPROXIMATE SCALE

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Figure 12
2022 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #3
SRS. No.: 2003-00117
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12014 | DATE: 1/23

TABLES

TABLE 1
2020 - 2022 QUARTERLY GROUNDWATER ELEVATION
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft)	Comments
MW-1	03/17/20	3362.64	50.60	47.14	47.15	0.01	3315.50	
MW-1	06/24/20	3362.64	50.60	sheen	47.07	sheen	3315.57	
MW-1	09/16/20	3362.64	50.60	47.21	47.23	0.02	3315.43	
MW-1	12/08/20	3362.64	50.60	47.15	47.23	0.08	3315.48	
MW-1	03/16/21	3362.64	50.60	sheen	46.88	sheen	3315.76	
MW-1	06/24/21	3362.64	50.60	ND	46.92	ND	3315.72	
MW-1	08/31/21	3362.64	50.60	sheen	47.01	sheen	3315.63	
MW-1	12/14/21	3362.64	50.60	47.05	47.07	0.02	3315.59	
MW-1	03/23/22	3362.64	50.60	46.95	46.96	0.01	3315.69	
MW-1	06/22/22	3362.64	50.60	47.04	47.06	0.02	3315.60	Sampled
MW-1	09/28/22	3362.64	50.60	ND	47.25	ND	3315.39	Sampled
MW-1	12/06/22	3362.64	50.60	47.14	47.15	0.01	3315.50	
MW-2	03/17/20	3367.00	56.11	ND	44.84	ND	3322.16	Sampled
MW-2	06/24/20	3367.00	56.11	ND	44.82	ND	3322.18	Sampled
MW-2	09/16/20	3367.00	56.11	ND	44.94	ND	3322.06	Sampled
MW-2	12/08/20	3367.00	56.11	ND	43.20	ND	3323.80	Sampled
MW-2	03/16/21	3367.00	56.11	ND	44.65	ND	3322.35	Sampled
MW-2	06/24/21	3367.00	56.11	ND	44.68	ND	3322.32	Sampled
MW-2	08/31/21	3367.00	56.11	ND	44.75	ND	3322.25	Sampled
MW-2	12/14/21	3367.00	56.11	ND	44.78	ND	3322.22	Sampled
MW-2	03/23/22	3367.00	56.11	ND	44.64	ND	3322.36	Sampled
MW-2	06/22/22	3367.00	56.11	ND	44.81	ND	3322.19	Sampled
MW-2	09/28/22	3367.00	56.11	ND	45.00	ND	3322.00	Sampled
MW-2	12/06/22	3367.00	56.11	ND	44.87	ND	3322.13	Sampled
MW-3	03/17/20	3369.1	55.00	sheen	46.56	sheen	3322.54	Sampled
MW-3	06/24/20	3369.1	55.00	ND	46.55	ND	3322.55	Sampled
MW-3	09/16/20	3369.1	55.00	ND	46.64	ND	3322.46	Sampled
MW-3	12/08/20	3369.1	55.00	ND	46.63	ND	3322.47	Sampled
MW-3	03/16/21	3369.1	55.00	ND	46.35	ND	3322.75	Sampled
MW-3	06/24/21	3369.1	55.00	ND	46.28	ND	3322.82	Sampled
MW-3	08/31/21	3369.1	55.00	ND	46.46	ND	3322.64	Sampled
MW-3	12/14/21	3369.1	55.00	ND	46.50	ND	3322.60	Sampled
MW-3	03/23/22	3369.1	55.00	ND	46.39	ND	3322.71	Sampled

TABLE 1
2020 - 2022 QUARTERLY GROUNDWATER ELEVATION
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft)	Comments
MW-3	06/22/22	3369.1	55.00	ND	46.35	ND	3322.75	Sampled
MW-3	09/28/22	3369.1	55.00	ND	46.70	ND	3322.40	Sampled
MW-3	12/06/22	3369.1	55.00	ND	46.59	ND	3322.51	Sampled
MW-4	03/17/20	3365.12	59.48	ND	43.11	ND	3322.01	Sampled
MW-4	06/24/20	3365.12	59.48	ND	43.06	ND	3322.06	Sampled
MW-4	09/16/20	3365.12	59.48	ND	43.22	ND	3321.90	Sampled
MW-4	12/08/20	3365.12	59.48	ND	43.20	ND	3321.92	Sampled
MW-4	03/16/21	3365.12	59.48	ND	42.91	ND	3322.21	Sampled
MW-4	06/24/21	3365.12	59.48	ND	42.46	ND	3322.66	Sampled
MW-4	08/31/21	3365.12	59.48	ND	43.05	ND	3322.07	Sampled
MW-4	12/14/21	3365.12	59.48	ND	43.25	ND	3321.87	Sampled
MW-4	03/23/22	3365.12	59.48	ND	42.94	ND	3322.18	Sampled
MW-4	06/22/22	3365.12	59.48	ND	43.29	ND	3321.83	Sampled
MW-4	09/28/22	3365.12	59.48	ND	43.28	ND	3321.84	Sampled
MW-4	12/06/22	3365.12	59.48	ND	43.14	ND	3321.98	Sampled
MW-5	03/17/20	3364.74	53.14	ND	42.64	ND	3322.10	Sampled
MW-5	06/24/20	3364.74	53.14	ND	42.59	ND	3322.15	Sampled
MW-5	09/16/20	3364.74	53.14	ND	42.72	ND	3322.02	Sampled
MW-5	12/08/20	3364.74	53.14	ND	42.70	ND	3322.04	Sampled
MW-5	03/16/21	3364.74	53.14	ND	42.44	ND	3322.30	Sampled
MW-5	06/24/21	3364.74	53.14	ND	42.46	ND	3322.28	Sampled
MW-5	08/31/21	3364.74	53.14	ND	42.54	ND	3322.20	Sampled
MW-5	12/14/21	3364.74	53.14	ND	42.55	ND	3322.19	Sampled
MW-5	03/23/22	3364.74	53.14	ND	42.44	ND	3322.30	Sampled
MW-5	06/22/22	3364.74	53.14	ND	42.57	ND	3322.17	Sampled
MW-5	09/28/22	3364.74	53.14	ND	42.75	ND	3321.99	Sampled
MW-5	12/06/22	3364.74	53.14	ND	42.61	ND	3322.13	Sampled
MW-6	03/17/20	3368.96	59.48	ND	46.40	ND	3322.56	Sampled
MW-6	06/24/20	3368.96	59.48	ND	46.35	ND	3322.61	Sampled
MW-6	09/16/20	3368.96	59.48	ND	46.51	ND	3322.45	Sampled
MW-6	12/08/20	3368.96	59.48	ND	46.48	ND	3322.48	Sampled
MW-6	03/16/21	3368.96	59.48	ND	46.91	ND	3322.05	Sampled
MW-6	06/24/21	3368.96	59.48	ND	46.25	ND	3322.71	Sampled

TABLE 1
2020 - 2022 QUARTERLY GROUNDWATER ELEVATION
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft)	Comments
MW-6	08/31/21	3368.96	59.48	ND	46.32	ND	3322.64	Sampled
MW-6	12/14/21	3368.96	59.48	ND	46.37	ND	3322.59	Sampled
MW-6	03/23/22	3368.96	59.48	ND	46.25	ND	3322.71	Sampled
MW-6	06/22/22	3368.96	59.48	ND	46.38	ND	3322.58	Sampled
MW-6	09/28/22	3368.96	59.48	ND	46.58	ND	3322.38	Sampled
MW-6	12/06/22	3368.96	59.48	ND	46.48	ND	3322.48	Sampled
MW-7	03/17/20	3370.25	58.55	ND	47.39	ND	3322.86	Sampled
MW-7	06/24/20	3370.25	58.55	ND	47.33	ND	3322.92	Sampled
MW-7	09/16/20	3370.25	58.55	ND	47.47	ND	3322.78	Sampled
MW-7	12/08/20	3370.25	58.55	ND	47.45	ND	3322.80	Sampled
MW-7	03/16/21	3370.25	58.55	ND	47.18	ND	3323.07	Sampled
MW-7	06/24/21	3370.25	58.55	ND	47.27	ND	3322.98	Sampled
MW-7	08/31/21	3370.25	58.55	ND	47.28	ND	3322.97	Sampled
MW-7	12/14/21	3370.25	58.55	ND	47.33	ND	3322.92	Sampled
MW-7	03/23/22	3370.25	58.55	ND	47.21	ND	3323.04	Sampled
MW-7	06/22/22	3370.25	58.55	ND	47.35	ND	3322.90	Sampled
MW-7	09/28/22	3370.25	58.55	ND	47.52	ND	3322.73	Sampled
MW-7	12/06/22	3370.25	58.55	ND	47.42	ND	3322.83	Sampled
MW-8	03/17/20	3365.11	59.62	ND	42.93	ND	3322.18	Sampled
MW-8	06/24/20	3365.11	59.62	ND	42.88	ND	3322.23	Sampled
MW-8	09/16/20	3365.11	59.62	ND	43.04	ND	3322.07	Sampled
MW-8	12/08/20	3365.11	59.62	ND	43.02	ND	3322.09	Sampled
MW-8	03/16/21	3365.11	59.62	ND	42.70	ND	3322.41	Sampled
MW-8	06/24/21	3365.11	59.62	ND	42.69	ND	3322.42	Sampled
MW-8	08/31/21	3365.11	59.62	ND	42.84	ND	3322.27	Sampled
MW-8	12/14/21	3365.11	59.62	ND	42.86	ND	3322.25	Sampled
MW-8	03/23/22	3365.11	59.62	ND	42.75	ND	3322.36	Sampled
MW-8	06/22/22	3365.11	59.62	ND	42.83	ND	3322.28	Sampled
MW-8	09/28/22	3365.11	59.62	ND	43.08	ND	3322.03	Sampled
MW-8	12/06/22	3365.11	59.62	ND	42.95	ND	3322.16	Sampled
MW-9	02/11/00	3364.69	62.60	ND	42.31	ND	3322.38	Sampled
MW-9	06/24/20	3364.69	62.60	ND	42.25	ND	3322.44	Sampled
MW-9	09/16/20	3364.69	62.60	ND	42.40	ND	3322.29	Sampled

TABLE 1
2020 - 2022 QUARTERLY GROUNDWATER ELEVATION
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft)	Comments
MW-9	12/08/20	3364.69	62.60	ND	42.40	ND	3322.29	Sampled
MW-9	03/16/21	3364.69	62.60	ND	42.10	ND	3322.59	Sampled
MW-9	06/24/21	3364.69	62.60	ND	42.15	ND	3322.54	Sampled
MW-9	08/31/21	3364.69	62.60	ND	42.20	ND	3322.49	Sampled
MW-9	12/14/21	3364.69	62.60	ND	42.22	ND	3322.47	Sampled
MW-9	03/23/22	3364.69	62.60	ND	42.11	ND	3322.58	Sampled
MW-9	06/22/22	3364.69	62.60	ND	42.30	ND	3322.39	Sampled
MW-9	09/28/22	3364.69	62.60	ND	42.42	ND	3322.27	Sampled
MW-9	12/06/22	3364.69	62.60	ND	42.30	ND	3322.39	Sampled
RW-1	03/23/20	3368.12	58.70	Sheen	45.90	Sheen	3322.22	Sampled
RW-1	06/24/20	3368.12	58.70	Sheen	45.68	Sheen	3322.44	Sampled
RW-1	09/16/20	3368.12	58.70	45.83	45.84	0.01	3322.29	Sampled
RW-1	12/08/20	3368.12	58.70	45.79	45.81	0.02	3322.33	
RW-1	03/16/21	3368.12	58.70	ND	45.51	ND	3322.61	Sampled
RW-1	06/24/21	3368.12	58.70	ND	45.48	ND	3322.64	Sampled
RW-1	08/31/21	3368.12	58.70	Sheen	45.63	Sheen	3322.49	Sampled
RW-1	12/14/21	3368.12	58.70	45.66	45.67	0.01	3322.46	
RW-1	03/23/22	3368.12	58.70	Sheen	45.56	Sheen	3322.56	
RW-1	06/22/22	3368.12	58.70	ND	45.49	ND	3322.63	Sampled
RW-1	09/28/22	3368.12	58.70	45.85	45.86	0.01	3322.27	
RW-1	12/06/22	3368.12	58.70	ND	45.76	ND	3322.36	Sampled
RW-2	03/17/20	3368.32	58.70	Sheen	46.02	Sheen	3322.30	Sampled
RW-2	06/24/20	3368.32	58.70	Sheen	45.94	Sheen	3322.38	Sampled
RW-2	09/16/20	3368.32	58.70	Sheen	46.10	Sheen	3322.22	Sampled
RW-2	12/08/20	3368.32	58.70	ND	46.10	ND	3322.22	Sampled
RW-2	03/16/21	3368.32	58.70	Sheen	45.80	Sheen	3322.52	Sampled
RW-2	06/24/21	3368.32	58.70	Sheen	45.72	Sheen	3322.60	Sampled
RW-2	08/31/21	3368.32	58.70	45.88	45.90	0.02	3322.44	Sampled
RW-2	12/14/21	3368.32	58.70	45.95	46.07	0.12	3322.35	
RW-2	03/23/22	3368.32	58.70	45.82	45.89	0.07	3322.49	
RW-2	06/22/22	3368.32	58.70	Sheen	46.44	Sheen	3321.88	Sampled
RW-2	09/28/22	3368.32	58.70	46.14	46.16	0.02	3322.18	
RW-2	12/06/22	3368.32	58.70	46.01	46.03	0.02	3322.31	

TABLE 1
2020 - 2022 QUARTERLY GROUNDWATER ELEVATION
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft)	Comments
RW-3	03/17/20	3369.05	59.57	46.54	46.72	0.18	3322.48	PUMP
RW-3	06/24/20	3369.05	59.57	sheen	46.46	sheen	3322.59	PUMP
RW-3	09/16/20	3369.05	59.57	sheen	46.61	sheen	3322.44	PUMP
RW-3	12/08/20	3369.05	59.57	46.48	46.59	0.11	3322.55	PUMP
RW-3	03/16/21	3369.05	59.57	46.20	46.29	0.09	3322.84	PUMP
RW-3	06/24/21	3369.05	59.57	46.23	46.32	0.09	3322.81	PUMP
RW-3	08/31/21	3369.05	59.57	46.35	46.37	0.02	3322.70	PUMP
RW-3	12/14/21	3369.05	59.57	46.46	46.47	0.01	3322.59	PUMP
RW-3	03/23/22	3369.05	59.57	46.34	46.40	0.06	3322.70	PUMP
RW-3	06/22/22	3369.05	59.57	46.39	46.44	0.05	3322.65	PUMP
RW-3	09/28/22	3369.05	59.57	46.51	46.54	0.03	3322.54	PUMP
RW-3	12/06/22	3369.05	59.57	46.53	46.56	0.03	3322.52	PUMP
RW-4	03/17/20	3367.11	57.63	Sheen	45.21	Sheen	3321.90	Sampled
RW-4	06/24/20	3367.11	57.63	Sheen	45.13	Sheen	3321.98	Sampled
RW-4	09/16/20	3367.11	57.63	Sheen	45.28	Sheen	3321.83	Sampled
RW-4	12/08/20	3367.11	57.63	Sheen	45.26	Sheen	3321.85	Sampled
RW-4	03/16/21	3367.11	57.63	Sheen	44.98	Sheen	3322.13	Sampled
RW-4	06/24/21	3367.11	57.63	Sheen	44.92	Sheen	3322.19	Sampled
RW-4	08/31/21	3367.11	57.63	Sheen	45.08	Sheen	3322.03	Sampled
RW-4	12/14/21	3367.11	57.63	Sheen	45.10	Sheen	3322.01	Sampled
RW-4	03/23/22	3367.11	57.63	44.99	45.00	0.01	3322.12	Sampled
RW-4	06/22/22	3367.11	57.63	Sheen	46.46	Sheen	3320.65	Sampled
RW-4	09/28/22	3367.11	57.63	ND	45.30	ND	3321.81	Sampled
RW-4	12/06/22	3367.11	57.63	ND	45.18	ND	3321.93	Sampled
RW-5	03/17/20	3368.34	59.73	ND	46.01	ND	3322.33	Sampled
RW-5	06/24/20	3368.34	59.73	Sheen	45.93	Sheen	3322.41	Sampled
RW-5	09/16/20	3368.34	59.73	Sheen	46.11	Sheen	3322.23	Sampled
RW-5	12/08/20	3368.34	59.73	Sheen	46.08	Sheen	3322.26	Sampled
RW-5	03/16/21	3368.34	59.73	Sheen	45.80	Sheen	3322.54	Sampled
RW-5	06/24/21	3368.34	59.73	ND	45.58	ND	3322.76	Sampled
RW-5	08/31/21	3368.34	59.73	Sheen	45.80	Sheen	3322.54	Sampled
RW-5	12/14/21	3368.34	59.73	45.93	45.94	0.01	3322.41	Sampled
RW-5	03/23/22	3368.34	59.73	45.81	45.84	0.03	3322.53	Sampled
RW-5	06/22/22	3368.34	59.73	ND	45.49	ND	3322.85	Sampled

TABLE 1
2020 - 2022 QUARTERLY GROUNDWATER ELEVATION
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft)	Comments
RW-5	09/28/22	3368.34	59.73	ND	46.14	ND	3322.20	Sampled
RW-5	12/06/22	3368.34	59.73	ND	46.53	ND	3321.81	Sampled
IW-1	03/17/20	3368.53	64.00	46.26	46.29	0.03	3322.27	pump
IW-1	06/24/20	3368.53	64.00	46.20	46.21	0.01	3322.33	pump
IW-1	09/16/20	3368.53	64.00	46.38	46.41	0.03	3322.15	pump
IW-1	12/08/20	3368.53	64.00	46.42	46.44	0.02	3322.11	pump
IW-1	03/16/21	3368.53	64.00	46.00	46.06	0.06	3322.52	pump
IW-1	06/24/21	3368.53	64.00	46.20	46.22	0.02	3322.33	pump
IW-1	08/31/21	3368.53	64.00	46.13	46.14	0.01	3322.40	pump
IW-1	03/23/22	3368.53	64.00	46.12	46.28	0.16	3322.39	pump
IW-1	12/14/21	3368.53	64.00	46.21	46.33	0.12	3322.30	pump
IW-1	03/23/22	3368.53	64.00	46.12	46.28	0.16	3322.39	pump
IW-1	06/22/22	3368.53	64.00	46.24	46.29	0.05	3322.28	pump
IW-1	09/28/22	3368.53	64.00	46.35	46.37	0.02	3322.18	pump
IW-1	12/06/22	3368.53	64.00	46.24	46.41	0.17	3322.26	pump
IW-2	03/17/20	3368.63	64.05	46.29	46.30	0.01	3322.34	pump
IW-2	06/24/20	3368.63	64.05	sheen	46.34	sheen	3322.29	pump
IW-2	09/16/20	3368.63	64.05	ND	46.44	ND	3322.19	pump
IW-2	12/08/20	3368.63	64.05	46.36	46.38	0.02	3322.27	pump
IW-2	03/16/21	3368.63	64.05	sheen	46.11	sheen	3322.52	pump
IW-2	06/24/21	3368.63	64.05	ND	46.08	ND	3322.55	pump
IW-2	08/31/21	3368.63	64.05	sheen	46.15	sheen	3322.48	pump
IW-2	12/14/21	3368.63	64.05	46.23	46.25	0.02	3322.40	pump
IW-2	03/23/22	3368.63	64.05	46.11	46.15	0.04	3322.51	pump
IW-2	06/22/22	3368.63	64.05	46.57	46.63	0.06	3322.05	pump
IW-2	09/28/22	3368.63	64.05	46.40	46.42	0.02	3322.23	pump
IW-2	12/06/22	3368.63	64.05	46.31	46.45	0.14	3322.30	pump
IW-3	03/17/20	3368.96	63.86	46.48	46.50	0.02	3322.48	pump
IW-3	06/24/20	3368.96	63.86	46.42	46.43	0.01	3322.54	pump
IW-3	09/16/20	3368.96	63.86	46.55	46.56	0.01	3322.41	pump
IW-3	12/08/20	3368.96	63.86	46.68	46.75	0.07	3322.27	pump
IW-3	03/16/21	3368.96	63.86	46.25	46.30	0.05	3322.70	pump
IW-3	06/24/21	3368.96	63.86	46.14	46.48	0.34	3322.77	pump

TABLE 1
2020 - 2022 QUARTERLY GROUNDWATER ELEVATION
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft)	Comments
IW-3	08/31/21	3368.96	63.86	46.35	46.45	0.10	3322.60	pump
IW-3	03/23/22	3368.96	63.86	46.32	46.42	0.10	3322.63	pump
IW-3	12/14/21	3368.96	63.86	46.41	46.50	0.09	3322.54	pump
IW-3	06/22/22	3368.96	63.86	46.24	46.39	0.15	3322.70	pump
IW-3	09/28/22	3368.96	63.86	46.51	46.53	0.02	3322.45	pump
IW-3	12/06/22	3368.96	63.86	46.50	46.72	0.22	3322.43	pump

NA: Not applicable
ND: Not detected
NS: Not surveyed

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-1	01/04/18	3362.64	50.60	Sheen	48.53	Sheen	NA	Sheen	8.50	3314.11	
MW-1	01/10/18	3362.64	50.60	nd	48.36	nd	NA	NA	NA	3314.28	
MW-1	01/18/18	3362.64	50.60	nd	48.37	nd	NA	NA	NA	3314.27	
MW-1	01/25/18	3362.64	50.60	Sheen	48.30	Sheen	NA	NA	NA	3314.34	
MW-1	02/01/18	3362.64	50.60	Sheen	48.70	Sheen	NA	NA	NA	3313.94	
MW-1	02/14/18	3362.64	50.60	Sheen	48.16	Sheen	NA	NA	NA	3314.48	
MW-1	02/21/18	3362.64	50.60	Sheen	48.21	Sheen	NA	Sheen	10.00	3314.43	
MW-1	02/28/18	3362.64	50.60	Sheen	48.01	Sheen	NA	Sheen	10.00	3314.63	
MW-1	03/07/18	3362.64	50.60	48.26	48.28	0.02	NA	NA	NA	3314.38	
MW-1	03/15/18	3362.64	50.60	Sheen	48.00	Sheen	NA	Sheen	10.00	3314.64	
MW-1	03/22/18	3362.64	50.60	48.11	48.12	0.01	NA	NA	NA	3314.53	
MW-1	03/28/18	3362.64	50.60	Sheen	48.06	Sheen	NA	Sheen	10.00	3314.58	
MW-1	04/04/18	3362.64	50.60	Sheen	48.18	Sheen	NA	Sheen	10.00	3314.46	
MW-1	04/11/18	3362.64	50.60	Sheen	48.20	Sheen	NA	Sheen	10.00	3314.44	
MW-1	04/19/18	3362.64	50.60	Sheen	48.22	Sheen	NA	Sheen	10.00	3314.42	
MW-1	04/24/18	3362.64	50.60	Sheen	48.24	Sheen	NA	Sheen	10.00	3314.40	
MW-1	05/09/18	3362.64	50.60	Sheen	47.90	Sheen	NA	Sheen	10.00	3314.74	
MW-1	05/15/18	3362.64	50.60	Sheen	47.88	Sheen	NA	Sheen	10.00	3314.76	
MW-1	05/22/18	3362.64	50.60	Sheen	47.85	Sheen	NA	Sheen	10.00	3314.79	
MW-1	05/30/18	3362.64	50.60	Sheen	47.85	Sheen	NA	Sheen	10.00	3314.79	
MW-1	06/05/18	3362.64	50.60	Sheen	47.84	Sheen	NA	NA	NA	3314.80	
MW-1	06/13/18	3362.64	50.60	Sheen	47.87	Sheen	NA	Sheen	10.00	3314.77	
MW-1	06/19/18	3362.64	50.60	Sheen	47.85	Sheen	NA	Sheen	10.00	3314.79	
MW-1	06/29/18	3362.64	50.60	Sheen	47.88	Sheen	NA	Sheen	10.00	3314.76	
MW-1	07/05/18	3362.64	50.60	nd	47.88	nd	NA	Sheen	10.00	3314.76	
MW-1	07/11/18	3362.64	50.60	nd	47.90	nd	NA	NA	NA	3314.74	
MW-1	07/18/18	3362.64	50.60	nd	47.86	nd	NA	NA	NA	3314.78	
MW-1	07/26/18	3362.64	50.60	Sheen	47.82	Sheen	NA	Sheen	10.00	3314.82	
MW-1	07/31/18	3362.64	50.60	47.80	47.83	0.03	NA	Sheen	10.00	3314.84	
MW-1	08/07/18	3362.64	50.60	47.78	47.80	0.02	NA	Sheen	10.00	3314.86	
MW-1	08/14/18	3362.64	50.60	47.74	47.75	0.01	NA	Sheen	10.00	3314.90	
MW-1	08/21/18	3362.64	50.60	47.72	47.74	0.02	NA	Sheen	10.00	3314.92	
MW-1	08/30/18	3362.64	50.60	47.76	47.78	0.02	NA	Sheen	10.00	3314.88	
MW-1	09/06/18	3362.64	50.60	46.44	46.45	0.01	NA	Sheen	10.00	3316.20	
MW-1	09/26/18	3362.64	50.60	47.75	47.78	0.03	NA	Sheen	10.00	3314.89	
MW-1	10/03/18	3362.64	50.60	47.77	47.80	0.03	NA	Sheen	10.00	3314.87	

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-1	10/11/18	3362.64	50.60	47.74	47.75	0.01	NA	Sheen	10.00	3314.90	
MW-1	10/17/18	3362.64	50.60	47.21	47.22	0.01	NA	Sheen	10.00	3315.43	
MW-1	10/24/18	3362.64	50.60	47.70	47.71	0.01	NA	Sheen	10.00	3314.94	
MW-1	10/31/18	3362.64	50.60	nd	47.62	nd	NA	NA	NA	3315.02	
MW-1	11/06/18	3362.64	50.60	47.63	47.64	0.01	NA	Sheen	10.00	3315.01	
MW-1	11/13/18	3362.64	50.60	Sheen	47.67	Sheen	NA	Sheen	10.00	3314.97	
MW-1	11/21/18	3362.64	50.60	47.62	47.64	0.02	NA	Sheen	10.00	3315.02	
MW-1	11/28/18	3362.64	50.60	47.51	47.52	0.01	NA	Sheen	10.00	3315.13	
MW-1	12/07/18	3362.64	50.60	47.48	47.50	0.02	NA	Sheen	10.00	3315.16	
MW-1	12/12/18	3362.64	50.60	47.50	47.51	0.01	NA	Sheen	10.00	3315.14	
MW-1	12/18/18	3362.64	50.60	Sheen	47.52	Sheen	NA	Sheen	10.00	3315.12	
MW-1	01/03/19	3362.64	50.60	ND	47.52	ND	NA	NA	NA	3315.12	
MW-1	01/08/19	3362.64	50.60	Sheen	47.58	Sheen	NA	Sheen	10.00	3315.06	
MW-1	01/17/19	3362.64	50.60	Sheen	47.48	Sheen	NA	NA	10.00	3315.16	
MW-1	01/22/19	3362.64	50.60	Sheen	47.55	Sheen	NA	Sheen	10.00	3315.09	
MW-1	01/29/19	3362.64	50.60	47.50	47.51	0.01	NA	Sheen	10.00	3315.14	
MW-1	02/05/19	3362.64	50.60	47.55	47.57	0.02	NA	Sheen	10.00	3315.09	
MW-1	02/13/19	3362.64	50.60	47.42	47.45	0.03	NA	Sheen	10.00	3315.22	
MW-1	02/22/19	3362.64	50.60	47.44	47.45	0.01	NA	Sheen	10.00	3315.20	
MW-1	02/27/19	3362.64	50.60	47.52	47.55	0.03	NA	Sheen	10.00	3315.12	
MW-1	03/06/19	3362.64	50.60	47.58	47.59	0.01	NA	Sheen	10.00	3315.06	
MW-1	03/12/19	3362.64	50.60	47.60	47.62	0.02	NA	Sheen	10.00	3315.04	
MW-1	03/22/19	3362.64	50.60	47.62	47.64	0.02	NA	Sheen	10.00	3315.02	
MW-1	03/28/19	3362.64	50.60	47.57	47.62	0.05	NA	Sheen	10.00	3315.06	
MW-1	04/02/19	3362.64	50.60	47.30	47.31	0.01	NA	Sheen	10.00	3315.34	
MW-1	04/10/19	3362.64	50.60	47.20	47.23	0.03	NA	NA	10.00	3315.44	
MW-1	04/16/19	3362.64	50.60	47.25	47.27	0.02	NA	Sheen	10.00	3315.39	
MW-1	04/24/19	3362.64	50.60	47.27	47.28	0.01	NA	Sheen	10.00	3315.37	
MW-1	05/01/19	3362.64	50.60	47.02	47.03	0.01	NA	NA	10.00	3315.62	
MW-1	05/09/19	3362.64	50.60	47.40	47.41	0.01	NA	Sheen	10.00	3315.24	
MW-1	05/17/19	3362.64	50.60	47.45	47.46	0.01	NA	Sheen	10.00	3315.19	
MW-1	05/24/19	3362.64	50.60	Sheen	47.50	Sheen	NA	NA	10.00	3315.14	
MW-1	06/05/19	3362.64	50.60	nd	47.54	nd	NA	NA	10.00	3315.10	
MW-1	06/14/19	3362.64	50.60	46.28	46.32	0.04	NA	Sheen	10.00	3316.35	
MW-1	06/20/19	3362.64	50.60	47.57	47.58	0.01	NA	NA	10.00	3315.07	
MW-1	06/25/19	3362.64	50.60	47.30	47.34	0.04	NA	Sheen	10.00	3315.33	

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-1	07/02/19	3362.64	50.60	47.30	47.36	0.06	NA	Sheen	10.00	3315.33	
MW-1	07/10/19	3362.64	50.60	47.25	47.28	0.03	NA	Sheen	10.00	3315.39	
MW-1	07/26/19	3362.64	50.60	47.32	47.35	0.03	NA	Sheen	10.00	3315.32	
MW-1	08/11/19	3362.64	50.60	47.35	47.39	0.04	NA	Sheen	10.00	3315.28	
MW-1	08/14/19	3362.64	50.60	47.42	47.48	0.06	NA	Sheen	10.00	3315.21	
MW-1	08/21/19	3362.64	50.60	47.36	47.37	0.01	NA	Sheen	10.00	3315.28	
MW-1	09/06/19	3362.64	50.60	47.45	47.50	0.05	NA	Sheen	10.00	3315.18	
MW-1	09/12/19	3362.64	50.60	47.42	47.45	0.03	NA	Sheen	10.00	3315.22	
MW-1	09/19/19	3362.64	50.60	47.38	47.41	0.03	NA	Sheen	10.00	3315.26	
MW-1	10/08/19	3362.64	50.60	Sheen	47.43	Sheen	NA	Sheen	10.00	3315.21	
MW-1	10/16/19	3362.64	50.60	Sheen	47.45	Sheen	NA	Sheen	10.00	3315.19	
MW-1	10/23/19	3362.64	50.60	41.35	41.38	0.03	NA	Sheen	10.00	3321.29	
MW-1	10/31/19	3362.64	50.60	47.42	47.45	0.03	NA	Sheen	10.00	3315.22	
MW-1	11/05/19	3362.64	50.60	47.42	47.43	0.01	NA	sheen	10.00	3315.22	
MW-1	11/14/19	3362.64	50.60	47.40	47.42	0.02	NA	Sheen	10.00	3315.24	
MW-1	11/26/19	3362.64	50.60	47.24	47.28	0.04	NA	Sheen	10.00	3315.39	
MW-1	12/04/19	3362.64	50.60	47.31	47.38	0.07	NA	Sheen	10.00	3315.32	
MW-1	12/13/19	3362.64	50.60	47.25	47.50	0.25	NA	Sheen	10.00	3315.35	
MW-1	12/20/19	3362.64	50.60	47.27	47.70	0.43	NA	Sheen	10.00	3315.31	
MW-1	12/26/19	3362.64	50.60	47.28	47.31	0.03	NA	Sheen	10.00	3315.36	
MW-1	01/02/20	3362.64	50.60	47.28	47.29	0.01	NA	Sheen	10.00	3315.36	
MW-1	01/09/20	3362.64	50.60	47.20	47.26	0.06	NA	Sheen	10.00	3315.43	
MW-1	01/14/20	3362.64	50.60	47.21	47.30	0.09	NA	Sheen	10.00	3315.42	
MW-1	01/30/20	3362.64	50.60	Sheen	47.21	Sheen	NA	NA	NA	3315.43	
MW-1	02/07/20	3362.64	50.60	47.17	47.19	0.02	NA	Sheen	10.00	3315.47	
MW-1	02/12/20	3362.64	50.60	47.12	47.15	0.03	NA	Sheen	10.00	3315.52	
MW-1	02/19/20	3362.64	50.60	47.13	47.15	0.02	NA	Sheen	10.00	3315.51	
MW-1	02/26/20	3362.64	50.60	47.25	47.27	0.02	NA	sheen	10.00	3315.39	
MW-1	03/05/20	3362.64	50.60	47.23	47.28	0.05	NA	Sheen	10.00	3315.40	
MW-1	03/11/20	3362.64	50.60	Sheen	47.13	Sheen	NA	Sheen	10.00	3315.51	
MW-1	03/17/20	3362.64	50.60	47.14	47.15	0.01	NA	Sheen	10.00	3315.50	
MW-1	03/23/20	3362.64	50.60	Sheen	47.15	Sheen	NA	Sheen	10.00	3315.49	
MW-1	05/07/20	3362.64	50.60	47.15	47.19	0.04	NA	Sheen	10.00	3315.48	
MW-1	05/20/20	3362.64	50.60	46.23	46.94	0.71	NA	0.50	9.50	3316.30	
MW-1	06/03/20	3362.64	50.60	Sheen	46.91	Sheen	NA	Sheen	10.00	3315.73	
MW-1	06/24/20	3362.64	50.60	Sheen	47.07	Sheen	NA	Sheen	10.00	3315.57	

TABLE 2
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-1	07/01/20	3362.64	50.60	nd	47.00	nd	NA	Sheen	10.00	3315.64	
MW-1	07/14/20	3362.64	50.60	Sheen	47.06	Sheen	NA	Sheen	10.00	3315.58	
MW-1	07/29/20	3362.64	50.60	Sheen	47.04	Sheen	NA	Sheen	10.00	3315.60	
MW-1	08/13/20	3362.64	50.60	Sheen	47.08	Sheen	NA	Sheen	10.00	3315.56	
MW-1	08/25/20	3362.64	50.60	Sheen	47.10	Sheen	NA	Sheen	10.00	3315.54	
MW-1	09/16/20	3362.64	50.60	47.21	47.23	0.02	NA	Sheen	10.00	3315.43	
MW-1	09/24/20	3362.64	50.60	47.15	47.18	0.03	NA	Sheen	10.00	3315.49	
MW-1	10/29/20	3362.64	50.60	Sheen	47.22	Sheen	NA	Sheen	10.00	3315.42	
MW-1	11/10/20	3362.64	50.60	Sheen	47.25	Sheen	NA	Sheen	10.00	3315.39	
MW-1	11/24/20	3362.64	50.60	Sheen	47.12	Sheen	NA	Sheen	10.00	3315.52	
MW-1	12/08/20	3362.64	50.60	47.13	47.15	0.02	NA	Sheen	10.00	3315.51	
MW-1	12/22/20	3362.64	50.60	46.80	46.88	0.08	NA	0.25	9.75	3315.83	
MW-1	01/05/21	3362.64	50.60	Sheen	47.08	Sheen	NA	Sheen	15.00	3315.56	
MW-1	01/19/21	3362.64	50.60	Sheen	47.16	Sheen	NA	Sheen	10.00	3315.48	
MW-1	02/02/21	3362.64	50.60	Sheen	47.02	Sheen	NA	Sheen	10.00	3315.62	
MW-1	02/10/21	3362.64	50.60	ND	47.08	ND	NA	Sheen	10.00	3315.56	
MW-1	02/25/21	3362.64	50.60	ND	47.03	ND	NA	Sheen	10.00	3315.61	
MW-1	03/02/21	3362.64	50.60	ND	46.98	ND	NA	Sheen	20.00	3315.66	
MW-1	03/16/21	3362.64	50.60	Sheen	46.88	Sheen	NA	Sheen	10.00	3315.76	Sampled
MW-1	03/31/21	3362.64	50.60	47.10	47.12	0.02	NA	Sheen	10.00	3315.54	
MW-1	04/16/21	3362.64	50.60	Sheen	46.98	Sheen	NA	Sheen	10.00	3315.66	
MW-1	04/26/21	3362.64	50.60	Sheen	46.90	Sheen	NA	Sheen	10.00	3315.74	
MW-1	05/14/21	3362.64	50.60	Sheen	46.82	Sheen	NA	Sheen	10.00	3315.82	
MW-1	05/27/21	3362.64	50.60	ND	43.42	ND	NA	ND	10.00	3319.22	
MW-1	06/11/21	3362.64	50.60	ND	46.87	ND	NA	ND	10.00	3315.77	
MW-1	06/24/21	3362.64	50.60	ND	46.92	ND	NA	ND	10.00	3315.72	
MW-1	07/08/21	3362.64	50.60	ND	46.82	ND	NA	ND	10.00	3315.82	
MW-1	07/23/21	3362.64	50.60	ND	47.02	ND	NA	ND	10.00	3315.62	
MW-1	08/13/21	3362.64	50.60	ND	46.78	ND	NA	ND	10.00	3315.86	
MW-1	08/26/21	3362.64	50.60	Sheen	47.06	Sheen	NA	ND	10.00	3315.58	
MW-1	08/31/21	3362.64	50.60	Sheen	47.01	Sheen	NA	ND	10.00	3315.63	
MW-1	09/10/21	3362.64	50.60	Sheen	47.05	Sheen	NA	ND	10.00	3315.59	
MW-1	09/30/21	3362.64	50.60	Sheen	47.05	Sheen	NA	NA	NA	3315.59	
MW-1	10/07/21	3362.64	50.60	Sheen	47.05	Sheen	NA	Sheen	10.00	3315.59	
MW-1	10/21/21	3362.64	50.60	Sheen	47.12	Sheen	NA	Sheen	10.00	3315.52	
MW-1	10/27/21	3362.64	50.60	Sheen	47.01	Sheen	NA	Sheen	10.00	3315.63	

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Vacuum to Jal 14" Mainline #3
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-1	11/04/21	3362.64	50.60	Sheen	47.01	Sheen	NA	Sheen	10.00	3315.63	
MW-1	11/17/21	3362.64	50.60	47.00	47.02	0.02	NA	0.25	9.75	3315.64	
MW-1	12/03/21	3362.64	50.60	46.92	46.94	0.02	NA	0.25	9.75	3315.72	
MW-1	12/14/21	3362.64	50.60	47.05	47.07	0.02	NA	0.25	9.75	3315.59	
MW-1	12/31/21	3362.64	50.60	46.89	46.91	0.02	NA	Sheen	9.75	3315.75	
MW-1	01/27/22	3362.64	50.60	Sheen	46.99	Sheen	NA	NA	10.00	3315.65	
MW-1	02/10/22	3362.64	50.60	Sheen	46.89	Sheen	NA	Sheen	10.00	3315.75	
MW-1	02/25/22	3362.64	50.60	ND	46.91	ND	NA	Sheen	10.00	3315.73	
MW-1	03/23/22	3362.64	50.60	46.95	46.96	0.01	NA	Sheen	10.00	3315.69	
MW-1	03/31/22	3362.64	50.60	ND	46.78	ND	NA	Sheen	10.00	3315.86	
MW-1	04/05/22	3362.64	50.60	Sheen	47.00	Sheen	NA	0.25	9.75	3315.64	
MW-1	04/13/22	3362.64	50.60	46.98	46.99	0.01	NA	0.25	9.75	3315.66	
MW-1	04/28/22	3362.64	50.60	ND	46.85	ND	NA	ND	10.00	3315.79	
MW-1	05/12/22	3362.64	50.60	ND	46.90	ND	NA	ND	10.00	3315.74	
MW-1	05/24/22	3362.64	50.60	Sheen	46.88	Sheen	NA	Sheen	10.00	3315.76	
MW-1	06/17/22	3362.64	50.60	47.02	47.08	0.06	NA	Sheen	10.00	3315.61	
MW-1	07/21/22	3362.64	50.60	Sheen	47.03	Sheen	NA	Sheen	10.00	3315.61	
MW-1	08/18/22	3362.64	50.60	Sheen	47.21	Sheen	NA	Sheen	10.00	3315.43	
MW-1	09/21/22	3362.64	50.60	Sheen	47.23	Sheen	NA	0.25	9.75	3315.41	Sampled
MW-1	09/28/22	3362.64	50.60	ND	47.25	ND	NA	Sheen	10.00	3315.39	
MW-1	10/07/22	3362.64	50.60	Sheen	47.30	Sheen	NA	Sheen	10.00	3315.34	
MW-1	10/19/22	3362.64	50.60	Sheen	47.32	Sheen	NA	Sheen	10.00	3315.32	
MW-1	11/15/22	3362.64	50.60	ND	47.22	ND	NA	Sheen	10.00	3315.42	
MW-1	12/06/22	3362.64	50.60	47.14	47.15	0.01	NA	Sheen	10.00	3315.50	
MW-1	12/29/22	3362.64	50.60	ND	47.18	ND	NA	Sheen	10.00	3315.46	
MW-2	03/07/18	3367.00	56.11	ND	45.81	ND	NA	NA	NA	3321.19	Sampled
MW-2	06/05/18	3367.00	56.11	ND	45.49	ND	NA	NA	NA	3321.51	Sampled
MW-2	09/06/18	3367.00	56.11	ND	45.52	ND	NA	NA	NA	3321.48	Sampled
MW-2	11/28/18	3367.00	56.11	ND	45.20	ND	NA	NA	NA	3321.80	Sampled
MW-2	02/12/19	3367.00	56.11	ND	45.16	ND	NA	NA	NA	3321.84	Sampled
MW-2	05/09/19	3367.00	56.11	ND	45.09	ND	NA	NA	NA	3321.91	Sampled
MW-2	08/21/19	3367.00	56.11	ND	45.09	ND	NA	NA	NA	3321.91	Sampled
MW-2	11/05/19	3367.00	56.11	ND	45.16	ND	NA	NA	NA	3321.84	Sampled
MW-2	03/17/20	3367.00	56.11	ND	44.84	ND	NA	NA	NA	3322.16	Sampled
MW-2	06/24/20	3367.00	56.11	ND	44.82	ND	NA	NA	NA	3322.18	Sampled

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-2	09/16/20	3367.00	56.11	ND	44.94	ND	NA	NA	NA	3322.06	Sampled
MW-2	12/08/20	3367.00	56.11	ND	43.20	ND	NA	NA	NA	3323.80	Sampled
MW-2	03/16/21	3367.00	56.11	ND	44.65	ND	NA	NA	NA	3322.35	Sampled
MW-2	06/24/21	3367.00	56.11	ND	44.68	ND	NA	NA	NA	3322.32	Sampled
MW-2	08/31/21	3367.00	56.11	ND	44.75	ND	NA	NA	NA	3322.25	Sampled
MW-2	12/14/21	3367.00	56.11	ND	44.78	ND	NA	NA	NA	3322.22	Sampled
MW-2	03/23/22	3367.00	56.11	ND	44.64	ND	NA	NA	NA	3322.36	Sampled
MW-2	06/22/22	3367.00	56.11	ND	44.81	ND	NA	NA	NA	3322.19	Sampled
MW-2	09/28/22	3367.00	56.11	ND	45.00	ND	NA	NA	NA	3322.00	Sampled
MW-2	12/06/22	3367.00	56.11	ND	44.87	ND	NA	NA	NA	3322.13	Sampled
MW-3	1/4/2018	3369.1	55.00	ND	47.92	ND	NA	NA	NA	3321.18	
MW-3	1/10/2018	3369.1	55.00	ND	47.78	ND	NA	NA	NA	3321.32	
MW-3	1/18/2018	3369.1	55.00	ND	47.36	ND	NA	NA	NA	3321.74	
MW-3	1/25/2018	3369.1	55.00	ND	47.71	ND	NA	NA	NA	3321.39	
MW-3	2/1/2018	3369.1	55.00	ND	47.4	ND	NA	NA	NA	3321.70	
MW-3	2/14/2018	3369.1	55.00	ND	47.57	ND	NA	NA	NA	3321.53	
MW-3	2/21/2018	3369.1	55.00	ND	47.65	ND	NA	NA	NA	3321.45	
MW-3	2/28/2018	3369.1	55.00	ND	47.38	ND	NA	NA	NA	3321.72	
MW-3	3/7/2018	3369.1	55.00	ND	47.57	ND	NA	NA	NA	3321.53	Sampled
MW-3	3/15/2018	3369.1	55.00	ND	47.65	ND	NA	NA	NA	3321.45	
MW-3	3/22/2018	3369.1	55.00	ND	47.53	ND	NA	NA	NA	3321.57	
MW-3	3/28/2018	3369.1	55.00	ND	47.47	ND	NA	NA	10	3321.63	
MW-3	4/4/2018	3369.1	55.00	ND	47.56	ND	NA	NA	10	3321.54	
MW-3	4/11/2018	3369.1	55.00	ND	47.6	ND	NA	NA	NA	3321.50	
MW-3	4/19/2018	3369.1	55.00	ND	47.64	ND	NA	NA	NA	3321.46	
MW-3	4/24/2018	3369.1	55.00	ND	47.65	ND	NA	NA	NA	3321.45	
MW-3	5/9/2018	3369.1	55.00	ND	47.33	ND	NA	NA	NA	3321.77	
MW-3	5/15/2018	3369.1	55.00	ND	47.31	ND	NA	NA	NA	3321.79	
MW-3	5/22/2018	3369.1	55.00	ND	47.31	ND	NA	NA	NA	3321.79	
MW-3	5/30/2018	3369.1	55.00	ND	47.26	ND	NA	NA	NA	3321.84	
MW-3	6/5/2018	3369.1	55.00	ND	47.25	ND	NA	NA	NA	3321.85	
MW-3	6/13/2018	3369.1	55.00	ND	47.28	ND	NA	NA	NA	3321.82	
MW-3	6/19/2018	3369.1	55.00	ND	47.30	ND	NA	NA	NA	3321.80	
MW-3	6/29/2018	3369.1	55.00	ND	47.28	ND	NA	NA	NA	3321.82	
MW-3	7/5/2018	3369.1	55.00	ND	47.29	ND	NA	NA	NA	3321.81	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-3	7/11/2018	3369.1	55.00	ND	47.31	ND	NA	NA	NA	3321.79	
MW-3	7/18/2018	3369.1	55.00	ND	47.26	ND	NA	NA	NA	3321.84	
MW-3	7/26/2018	3369.1	55.00	ND	47.24	ND	NA	NA	NA	3321.86	
MW-3	7/31/2018	3369.1	55.00	ND	47.22	ND	NA	NA	NA	3321.88	
MW-3	8/7/2018	3369.1	55.00	ND	47.21	ND	NA	NA	NA	3321.89	
MW-3	8/14/2018	3369.1	55.00	ND	47.17	ND	NA	NA	NA	3321.93	
MW-3	8/21/2018	3369.1	55.00	ND	47.15	ND	NA	NA	NA	3321.95	
MW-3	8/30/2018	3369.1	55.00	ND	47.21	ND	NA	NA	NA	3321.89	
MW-3	9/6/2018	3369.1	55.00	ND	47.26	ND	NA	NA	NA	3321.84	Sampled
MW-3	9/26/2018	3369.1	55.00	ND	47.20	ND	NA	NA	NA	3321.90	
MW-3	10/3/2018	3369.1	55.00	ND	47.20	ND	NA	NA	NA	3321.90	
MW-3	10/11/2018	3369.1	55.00	ND	47.18	ND	NA	NA	NA	3321.92	
MW-3	10/17/2018	3369.1	55.00	ND	46.72	ND	NA	NA	NA	3322.38	
MW-3	10/24/2018	3369.1	55.00	ND	47.11	ND	NA	NA	NA	3321.99	
MW-3	10/31/2018	3369.1	55.00	ND	47.12	ND	NA	NA	NA	3321.98	
MW-3	11/6/2018	3369.1	55.00	ND	47.15	ND	NA	NA	NA	3321.95	
MW-3	11/13/2018	3369.1	55.00	ND	47.18	ND	NA	NA	NA	3321.92	
MW-3	11/21/2018	3369.1	55.00	ND	47.06	ND	NA	NA	NA	3322.04	
MW-3	11/28/2018	3369.1	55.00	ND	46.96	ND	NA	NA	NA	3322.14	Sampled
MW-3	12/7/2018	3369.1	55.00	ND	46.94	ND	NA	NA	NA	3322.16	
MW-3	12/12/2018	3369.1	55.00	ND	46.95	ND	NA	NA	NA	3322.15	
MW-3	12/18/2018	3369.1	55.00	ND	46.90	ND	NA	NA	NA	3322.20	
MW-3	1/3/2019	3369.1	55.00	ND	46.90	ND	NA	NA	NA	3322.20	
MW-3	1/8/2019	3369.1	55.00	ND	46.92	ND	NA	NA	NA	3322.18	
MW-3	1/17/2019	3369.1	55.00	ND	46.89	ND	NA	NA	NA	3322.21	
MW-3	1/22/2019	3369.1	55.00	ND	46.95	ND	NA	NA	NA	3322.15	
MW-3	1/29/2019	3369.1	55.00	ND	46.92	ND	NA	NA	NA	3322.18	
MW-3	2/5/2019	3369.1	55.00	ND	46.95	ND	NA	NA	NA	3322.15	
MW-3	2/12/2019	3369.1	55.00	ND	46.88	ND	NA	NA	NA	3322.22	Sampled
MW-3	2/22/2019	3369.1	55.00	ND	46.85	ND	NA	NA	NA	3322.25	
MW-3	2/27/2019	3369.1	55.00	ND	46.94	ND	NA	NA	NA	3322.16	
MW-3	3/6/2019	3369.1	55.00	ND	46.96	ND	NA	NA	NA	3322.14	
MW-3	3/12/2019	3369.1	55.00	ND	46.97	ND	NA	NA	NA	3322.13	
MW-3	3/22/2019	3369.1	55.00	ND	46.98	ND	NA	NA	NA	3322.12	
MW-3	3/28/2019	3369.1	55.00	ND	46.81	ND	NA	NA	NA	3322.29	
MW-3	4/2/2019	3369.1	55.00	ND	46.62	ND	NA	NA	NA	3322.48	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-3	4/10/2019	3369.1	55.00	ND	46.63	ND	NA	NA	NA	3322.47	
MW-3	4/16/2019	3369.1	55.00	ND	46.64	ND	NA	NA	NA	3322.46	
MW-3	4/24/2019	3369.1	55.00	ND	46.65	ND	NA	NA	NA	3322.45	
MW-3	5/1/2019	3369.1	55.00	ND	46.60	ND	NA	NA	NA	3322.50	
MW-3	5/9/2019	3369.1	55.00	ND	46.83	ND	NA	NA	NA	3322.27	Sampled
MW-3	5/17/2019	3369.1	55.00	ND	46.84	ND	NA	NA	NA	3322.26	
MW-3	5/24/2019	3369.1	55.00	ND	46.85	ND	NA	NA	NA	3322.25	
MW-3	6/5/2019	3369.1	55.00	ND	46.86	ND	NA	NA	NA	3322.24	
MW-3	6/14/2019	3369.1	55.00	ND	46.70	ND	NA	NA	NA	3322.40	
MW-3	6/20/2019	3369.1	55.00	ND	43.26	ND	NA	NA	NA	3325.84	
MW-3	6/25/2019	3369.1	55.00	ND	46.72	ND	NA	NA	NA	3322.38	
MW-3	7/2/2019	3369.1	55.00	ND	46.12	ND	NA	NA	NA	3322.98	
MW-3	7/10/2019	3369.1	55.00	ND	46.70	ND	NA	NA	NA	3322.40	
MW-3	7/26/2019	3369.1	55.00	ND	46.76	ND	NA	NA	NA	3322.34	
MW-3	8/11/2019	3369.1	55.00	ND	46.81	ND	NA	NA	10	3322.29	
MW-3	8/14/2019	3369.1	55.00	ND	46.88	ND	NA	NA	NA	3322.22	
MW-3	8/21/2019	3369.1	55.00	ND	46.81	ND	NA	NA	NA	3322.29	
MW-3	9/6/2019	3369.1	55.00	ND	46.86	ND	NA	NA	NA	3322.24	
MW-3	09/12/19	3369.1	55.00	ND	46.88	ND	NA	NA	NA	3322.22	
MW-3	09/19/19	3369.1	55.00	ND	46.82	ND	NA	NA	NA	3322.28	
MW-3	10/08/19	3369.1	55.00	ND	46.88	ND	NA	NA	NA	3322.22	
MW-3	10/16/19	3369.1	55.00	ND	46.93	ND	NA	NA	NA	3322.17	
MW-3	10/23/19	3369.1	55.00	ND	46.82	ND	NA	NA	NA	3322.28	
MW-3	10/31/19	3369.1	55.00	ND	46.88	ND	NA	NA	NA	3322.22	
MW-3	11/05/19	3369.1	55.00	ND	46.88	ND	NA	NA	NA	3322.22	Sampled
MW-3	11/14/19	3369.1	55.00	ND	46.89	ND	NA	NA	NA	3322.21	
MW-3	11/26/19	3369.1	55.00	ND	46.70	ND	NA	NA	NA	3322.40	
MW-3	12/04/19	3369.1	55.00	ND	46.76	ND	NA	NA	NA	3322.34	
MW-3	12/13/19	3369.1	55.00	ND	46.70	ND	NA	NA	NA	3322.40	
MW-3	12/20/19	3369.1	55.00	ND	46.73	ND	NA	NA	NA	3322.37	
MW-3	12/26/19	3369.1	55.00	ND	46.73	ND	NA	NA	NA	3322.37	
MW-3	01/02/20	3369.1	55.00	ND	46.79	ND	NA	NA	NA	3322.31	
MW-3	01/09/20	3369.1	55.00	ND	46.66	ND	NA	NA	NA	3322.44	
MW-3	01/14/20	3369.1	55.00	ND	46.70	ND	NA	NA	NA	3322.40	
MW-3	01/30/20	3369.1	55.00	ND	46.64	ND	NA	NA	NA	3322.46	
MW-3	02/07/20	3369.1	55.00	46.63	46.65	0.02	NA	sheen	10	3322.47	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-3	02/12/20	3369.1	55.00	ND	46.59	ND	NA	NA	NA	3322.51	
MW-3	02/19/20	3369.1	55.00	ND	46.61	ND	NA	NA	NA	3322.49	
MW-3	02/26/20	3369.1	55.00	ND	46.71	ND	NA	NA	NA	3322.39	
MW-3	03/05/20	3369.1	55.00	ND	46.78	ND	NA	NA	NA	3322.32	
MW-3	03/11/20	3369.1	55.00	ND	46.58	ND	NA	NA	NA	3322.52	
MW-3	03/17/20	3369.1	55.00	sheen	46.56	sheen	NA	NA	NA	3322.54	Sampled
MW-3	03/23/20	3369.1	55.00	ND	46.58	ND	NA	NA	NA	3322.52	
MW-3	05/07/20	3369.1	55.00	ND	46.34	ND	NA	NA	NA	3322.76	
MW-3	05/20/20	3369.1	55.00	ND	46.39	ND	NA	NA	NA	3322.71	
MW-3	06/03/20	3369.1	55.00	ND	46.40	ND	NA	NA	NA	3322.70	
MW-3	06/24/20	3369.1	55.00	ND	46.55	ND	NA	NA	NA	3322.55	
MW-3	07/01/20	3369.1	55.00	ND	46.46	ND	NA	NA	NA	3322.64	
MW-3	07/14/20	3369.1	55.00	ND	46.46	ND	NA	NA	NA	3322.64	
MW-3	07/29/20	3369.1	55.00	ND	46.50	ND	NA	NA	NA	3322.60	
MW-3	08/13/20	3369.1	55.00	ND	46.55	ND	NA	NA	NA	3322.55	
MW-3	08/25/20	3369.1	55.00	ND	46.57	ND	NA	NA	NA	3322.53	
MW-3	09/16/20	3369.1	55.00	ND	46.64	ND	NA	NA	NA	3322.46	
MW-3	09/24/20	3369.1	55.00	ND	46.57	ND	NA	NA	NA	3322.53	
MW-3	10/29/20	3369.1	55.00	ND	46.70	ND	NA	NA	NA	3322.40	
MW-3	11/10/20	3369.1	55.00	ND	46.72	ND	NA	NA	NA	3322.38	
MW-3	11/24/20	3369.1	55.00	ND	46.59	ND	NA	NA	NA	3322.51	
MW-3	12/08/20	3369.1	55.00	ND	46.63	ND	NA	NA	NA	3322.47	
MW-3	12/22/20	3369.1	55.00	ND	46.52	ND	NA	NA	NA	3322.58	
MW-3	01/05/21	3369.1	55.00	ND	46.53	ND	NA	NA	15	3322.57	
MW-3	01/19/21	3369.1	55.00	ND	46.61	ND	NA	NA	NA	3322.49	
MW-3	02/02/21	3369.1	55.00	ND	46.48	ND	NA	NA	NA	3322.62	
MW-3	02/10/21	3369.1	55.00	ND	46.41	ND	NA	NA	NA	3322.69	
MW-3	02/25/21	3369.1	55.00	ND	46.50	ND	NA	NA	NA	3322.60	
MW-3	03/02/21	3369.1	55.00	ND	46.45	ND	NA	NA	NA	3322.65	
MW-3	03/16/21	3369.1	55.00	ND	46.35	ND	NA	NA	NA	3322.75	
MW-3	03/31/21	3369.1	55.00	ND	46.58	ND	NA	NA	NA	3322.52	
MW-3	04/16/21	3369.1	55.00	ND	46.42	ND	NA	NA	NA	3322.68	
MW-3	04/26/21	3369.1	55.00	ND	46.36	ND	NA	NA	NA	3322.74	
MW-3	05/14/21	3369.1	55.00	ND	46.41	ND	NA	NA	NA	3322.69	
MW-3	05/27/21	3369.1	55.00	ND	46.35	ND	NA	NA	NA	3322.75	
MW-3	06/11/21	3369.1	55.00	ND	46.33	ND	NA	NA	NA	3322.77	
MW-3	06/24/21	3369.1	55.00	ND	46.28	ND	NA	NA	NA	3322.82	

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-3	07/08/21	3369.1	55.00	ND	46.38	ND	NA	NA	NA	3322.72	
MW-3	07/23/21	3369.1	55.00	ND	46.31	ND	NA	NA	NA	3322.79	
MW-3	08/13/21	3369.1	55.00	ND	46.31	ND	NA	NA	NA	3322.79	
MW-3	08/26/21	3369.1	55.00	ND	46.52	ND	NA	NA	NA	3322.58	
MW-3	08/31/21	3369.1	55.00	ND	46.46	ND	NA	NA	NA	3322.64	
MW-3	09/10/21	3369.1	55.00	ND	46.52	ND	NA	NA	NA	3322.58	
MW-3	09/30/21	3369.1	55.00	ND	46.49	ND	NA	NA	NA	3322.61	
MW-3	10/07/21	3369.1	55.00	ND	46.50	ND	NA	NA	NA	3322.60	
MW-3	10/21/21	3369.1	55.00	ND	46.53	ND	NA	NA	NA	3322.57	
MW-3	10/27/21	3369.1	55.00	ND	46.43	ND	NA	NA	NA	3322.67	
MW-3	11/04/21	3369.1	55.00	ND	46.55	ND	NA	NA	NA	3322.55	
MW-3	11/17/21	3369.1	55.00	ND	46.55	ND	NA	NA	NA	3322.55	
MW-3	12/03/21	3369.1	55.00	ND	46.42	ND	NA	NA	NA	3322.68	
MW-3	12/14/21	3369.1	55.00	ND	46.50	ND	NA	NA	NA	3322.60	
MW-3	12/31/21	3369.1	55.00	ND	47.81	ND	NA	NA	10	3321.29	
MW-3	01/27/22	3369.1	55.00	ND	46.41	ND	NA	NA	NA	3322.69	
MW-3	02/10/22	3369.1	55.00	ND	45.36	ND	NA	NA	NA	3323.74	
MW-3	02/25/22	3369.1	55.00	ND	46.38	ND	NA	NA	NA	3322.72	
MW-3	03/23/22	3369.1	55.00	ND	46.39	ND	NA	NA	NA	3322.71	
MW-3	03/31/22	3369.1	55.00	ND	46.25	ND	NA	NA	NA	3322.85	
MW-3	04/05/22	3369.1	55.00	ND	46.42	ND	NA	NA	NA	3322.68	
MW-3	04/13/22	3369.1	55.00	ND	46.40	ND	NA	NA	NA	3322.70	
MW-3	04/28/22	3369.1	55.00	ND	46.31	ND	NA	NA	NA	3322.79	
MW-3	05/12/22	3369.1	55.00	ND	46.38	ND	NA	NA	NA	3322.72	
MW-3	05/24/22	3369.1	55.00	ND	46.38	ND	NA	NA	NA	3322.72	
MW-3	06/17/22	3369.1	55.00	ND	46.35	ND	NA	NA	NA	3322.75	Sampled
MW-3	06/22/22	3369.1	55.00	ND	46.35	ND	NA	NA	NA	3322.75	
MW-3	07/21/22	3369.1	55.00	ND	46.54	ND	NA	NA	NA	3322.56	
MW-3	08/18/22	3369.1	55.00	ND	46.63	ND	NA	NA	NA	3322.47	
MW-3	09/21/22	3369.1	55.00	ND	46.72	ND	NA	NA	NA	3322.38	
MW-3	09/28/22	3369.1	55.00	ND	46.70	ND	NA	NA	NA	3322.40	Sampled
MW-3	10/07/22	3369.1	55.00	ND	46.74	ND	NA	NA	NA	3322.36	
MW-3	10/19/22	3369.1	55.00	ND	46.75	ND	NA	NA	NA	3322.35	
MW-3	11/15/22	3369.1	55.00	ND	46.60	ND	NA	NA	NA	3322.50	
MW-3	12/06/22	3369.1	55.00	ND	46.59	ND	NA	NA	NA	3322.51	Sampled
MW-3	12/29/22	3369.1	55.00	ND	46.53	ND	NA	NA	NA	3322.57	

TABLE 2
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Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-4	03/07/18	3365.12	59.48	ND	44.02	ND	NA	NA	NA	3321.10	Sampled
MW-4	06/05/18	3365.12	59.48	ND	43.73	ND	NA	NA	NA	3321.39	Sampled
MW-4	09/06/18	3365.12	59.48	ND	43.78	ND	NA	NA	NA	3321.34	Sampled
MW-4	11/28/18	3365.12	59.48	ND	43.45	ND	NA	NA	NA	3321.67	Sampled
MW-4	02/12/19	3365.12	59.48	ND	43.34	ND	NA	NA	NA	3321.78	Sampled
MW-4	05/09/19	3365.12	59.48	ND	43.31	ND	NA	NA	NA	3321.81	Sampled
MW-4	08/21/19	3365.12	59.48	ND	43.35	ND	NA	NA	NA	3321.77	Sampled
MW-4	11/05/19	3365.12	59.48	ND	43.42	ND	NA	NA	NA	3321.70	Sampled
MW-4	03/17/20	3365.12	59.48	ND	43.11	ND	NA	NA	NA	3322.01	Sampled
MW-4	06/24/20	3365.12	59.48	ND	43.06	ND	NA	NA	NA	3322.06	Sampled
MW-4	09/16/20	3365.12	59.48	ND	43.22	ND	NA	NA	NA	3321.90	Sampled
MW-4	12/08/20	3365.12	59.48	ND	43.20	ND	NA	NA	NA	3321.92	Sampled
MW-4	03/16/21	3365.12	59.48	ND	42.91	ND	NA	NA	NA	3322.21	Sampled
MW-4	06/24/21	3365.12	59.48	ND	42.95	ND	NA	NA	NA	3322.17	Sampled
MW-4	08/31/21	3365.12	59.48	ND	43.05	ND	NA	NA	NA	3322.07	Sampled
MW-4	12/14/21	3365.12	59.48	ND	43.25	ND	NA	NA	NA	3321.87	Sampled
MW-4	03/23/21	3365.12	59.48	ND	46.39	ND	NA	NA	NA	3318.73	Sampled
MW-4	06/22/22	3365.12	59.48	ND	43.29	ND	NA	NA	NA	3321.83	Sampled
MW-4	09/28/22	3365.12	59.48	ND	43.28	ND	NA	NA	NA	3321.84	Sampled
MW-4	12/06/22	3365.12	59.48	ND	4.14	ND	NA	NA	NA	3360.98	Sampled
MW-5	03/07/18	3364.74	53.14	ND	43.65	ND	NA	NA	NA	3321.09	Sampled
MW-5	06/05/18	3364.74	53.14	ND	43.30	ND	NA	NA	NA	3321.44	Sampled
MW-5	09/06/18	3364.74	53.14	ND	43.35	ND	NA	NA	NA	3321.39	Sampled
MW-5	11/28/18	3364.74	53.14	ND	42.98	ND	NA	NA	NA	3321.76	Sampled
MW-5	02/12/19	3364.74	53.14	ND	42.93	ND	NA	NA	NA	3321.81	Sampled
MW-5	05/09/19	3364.74	53.14	ND	42.90	ND	NA	NA	NA	3321.84	Sampled
MW-5	08/21/19	3364.74	53.14	ND	42.88	ND	NA	NA	NA	3321.86	Sampled
MW-5	11/05/19	3364.74	53.14	ND	42.96	ND	NA	NA	NA	3321.78	Sampled
MW-5	03/17/20	3364.74	53.14	ND	42.64	ND	NA	NA	NA	3322.10	Sampled
MW-5	06/24/20	3364.74	53.14	ND	42.59	ND	NA	NA	NA	3322.15	Sampled
MW-5	09/16/20	3364.74	53.14	ND	42.72	ND	NA	NA	NA	3322.02	Sampled
MW-5	12/08/20	3364.74	53.14	ND	42.70	ND	NA	NA	NA	3322.04	Sampled
MW-5	03/16/21	3364.74	53.14	ND	42.44	ND	NA	NA	NA	3322.30	Sampled
MW-5	06/24/21	3364.74	53.14	ND	42.46	ND	NA	NA	NA	3322.28	Sampled

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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-5	08/31/21	3364.74	53.14	ND	42.54	ND	NA	NA	NA	3322.20	Sampled
MW-5	12/14/21	3364.74	53.14	ND	42.55	ND	NA	NA	NA	3322.19	Sampled
MW-5	03/23/22	3364.74	53.14	ND	42.44	ND	NA	NA	NA	3322.30	Sampled
MW-5	06/22/22	3364.74	53.14	ND	42.57	ND	NA	NA	NA	3322.17	Sampled
MW-5	09/28/22	3364.74	53.14	ND	42.75	ND	NA	NA	NA	3321.99	Sampled
MW-5	12/06/22	3364.74	53.14	ND	42.61	ND	NA	NA	NA	3322.13	Sampled
MW-6	03/07/18	3368.96	59.48	ND	47.41	ND	NA	NA	NA	3321.55	Sampled
MW-6	06/05/18	3368.96	59.48	ND	47.08	ND	NA	NA	NA	3321.88	Sampled
MW-6	09/06/18	3368.96	59.48	ND	47.09	ND	NA	NA	NA	3321.87	Sampled
MW-6	11/28/18	3368.96	59.48	ND	46.81	ND	NA	NA	NA	3322.15	Sampled
MW-6	02/12/19	3368.96	59.48	ND	46.73	ND	NA	NA	NA	3322.23	Sampled
MW-6	05/09/19	3368.96	59.48	ND	46.64	ND	NA	NA	NA	3322.32	Sampled
MW-6	08/21/19	3368.96	59.48	ND	46.69	ND	NA	NA	NA	3322.27	Sampled
MW-6	11/05/19	3368.96	59.48	ND	46.72	ND	NA	NA	NA	3322.24	Sampled
MW-6	03/17/20	3368.96	59.48	ND	46.40	ND	NA	NA	NA	3322.56	Sampled
MW-6	06/24/20	3368.96	59.48	ND	46.35	ND	NA	NA	NA	3322.61	Sampled
MW-6	09/16/20	3368.96	59.48	ND	46.51	ND	NA	NA	NA	3322.45	Sampled
MW-6	12/08/20	3368.96	59.48	ND	46.48	ND	NA	NA	NA	3322.48	Sampled
MW-6	03/16/21	3368.96	59.48	ND	46.91	ND	NA	NA	NA	3322.05	Sampled
MW-6	06/24/21	3368.96	59.48	ND	46.25	ND	NA	NA	NA	3322.71	Sampled
MW-6	08/31/21	3368.96	59.48	ND	46.32	ND	NA	NA	NA	3322.64	Sampled
MW-6	12/14/21	3368.96	59.48	ND	46.37	ND	NA	NA	NA	3322.59	Sampled
MW-6	03/23/22	3368.96	59.48	ND	46.37	ND	NA	NA	NA	3322.59	Sampled
MW-6	06/22/22	3368.96	59.48	ND	46.38	ND	NA	NA	NA	3322.58	Sampled
MW-6	09/28/22	3368.96	59.48	ND	46.58	ND	NA	NA	NA	3322.38	Sampled
MW-6	12/06/22	3368.96	59.48	ND	46.48	ND	NA	NA	NA	3322.48	Sampled
MW-7	03/07/18	3370.25	58.55	ND	48.44	ND	NA	NA	NA	3321.81	Sampled
MW-7	06/05/18	3370.25	58.55	ND	48.09	ND	NA	NA	NA	3322.16	Sampled
MW-7	09/06/18	3370.25	58.55	ND	48.09	ND	NA	NA	NA	3322.16	Sampled
MW-7	11/28/18	3370.25	58.55	ND	47.81	ND	NA	NA	NA	3322.44	Sampled
MW-7	02/12/19	3370.25	58.55	ND	47.73	ND	NA	NA	NA	3322.52	Sampled
MW-7	05/09/19	3370.25	58.55	ND	47.65	ND	NA	NA	NA	3322.60	Sampled
MW-7	08/21/19	3370.25	58.55	ND	47.63	ND	NA	NA	NA	3322.62	Sampled
MW-7	11/05/19	3370.25	58.55	ND	47.74	ND	NA	NA	NA	3322.51	Sampled

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-7	03/17/20	3370.25	58.55	ND	47.39	ND	NA	NA	NA	3322.86	Sampled
MW-7	06/24/20	3370.25	58.55	ND	47.33	ND	NA	NA	NA	3322.92	Sampled
MW-7	09/16/20	3370.25	58.55	ND	47.47	ND	NA	NA	NA	3322.78	Sampled
MW-7	12/08/20	3370.25	58.55	ND	47.45	ND	NA	NA	NA	3322.80	Sampled
MW-7	03/16/21	3370.25	58.55	ND	47.18	ND	NA	NA	NA	3323.07	Sampled
MW-7	06/24/21	3370.25	58.55	ND	47.27	ND	NA	NA	NA	3322.98	Sampled
MW-7	08/31/21	3370.25	58.55	ND	47.28	ND	NA	NA	NA	3322.97	Sampled
MW-7	12/14/21	3370.25	58.55	ND	47.33	ND	NA	NA	NA	3322.92	Sampled
MW-7	3/23/202	3370.25	58.55	ND	47.21	ND	NA	NA	NA	3323.04	Sampled
MW-7	06/22/22	3370.25	58.55	ND	47.35	ND	NA	NA	NA	3322.90	Sampled
MW-7	09/28/22	3370.25	58.55	ND	47.52	ND	NA	NA	NA	3322.73	Sampled
MW-7	12/06/22	3370.25	58.55	ND	47.42	ND	NA	NA	NA	3322.83	Sampled
MW-8	01/04/18	3365.11	59.62	ND	44.26	ND	NA	NA	NA	3320.85	
MW-8	01/10/18	3365.11	59.62	ND	44.09	ND	NA	NA	NA	3321.02	
MW-8	01/18/18	3365.11	59.62	ND	44.14	ND	NA	NA	NA	3320.97	
MW-8	01/25/18	3365.11	59.62	ND	44.02	ND	NA	NA	NA	3321.09	
MW-8	02/01/18	3365.11	59.62	ND	44.05	ND	NA	NA	NA	3321.06	
MW-8	02/14/18	3365.11	59.62	ND	43.91	ND	NA	NA	NA	3321.20	
MW-8	02/21/18	3365.11	59.62	ND	44.01	ND	NA	NA	NA	3321.10	
MW-8	02/28/18	3365.11	59.62	ND	44.10	ND	NA	NA	NA	3321.01	
MW-8	03/07/18	3365.11	59.62	ND	43.90	ND	NA	NA	NA	3321.21	Sampled
MW-8	03/15/18	3365.11	59.62	ND	43.76	ND	NA	NA	NA	3321.35	
MW-8	03/22/18	3365.11	59.62	ND	43.88	ND	NA	NA	NA	3321.23	
MW-8	03/28/18	3365.11	59.62	ND	43.88	ND	NA	NA	10.00	3321.23	
MW-8	04/04/18	3365.11	59.62	ND	43.91	ND	NA	NA	10.00	3321.20	
MW-8	04/11/18	3365.11	59.62	ND	43.94	ND	NA	NA	NA	3321.17	
MW-8	04/19/18	3365.11	59.62	ND	43.96	ND	NA	NA	NA	3321.15	
MW-8	04/24/18	3365.11	59.62	ND	43.93	ND	NA	NA	NA	3321.18	
MW-8	05/09/18	3365.11	59.62	ND	43.65	ND	NA	NA	NA	3321.46	
MW-8	05/15/18	3365.11	59.62	ND	43.63	ND	NA	NA	NA	3321.48	
MW-8	05/22/18	3365.11	59.62	ND	43.60	ND	NA	NA	NA	3321.51	
MW-8	05/30/18	3365.11	59.62	ND	43.60	ND	NA	NA	NA	3321.51	
MW-8	06/05/18	3365.11	59.62	ND	43.58	ND	NA	NA	NA	3321.53	Sampled
MW-8	06/13/18	3365.11	59.62	ND	43.60	ND	NA	NA	NA	3321.51	
MW-8	06/19/18	3365.11	59.62	ND	43.62	ND	NA	NA	NA	3321.49	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-8	06/29/18	3365.11	59.62	ND	43.60	ND	NA	NA	NA	3321.51	
MW-8	07/05/18	3365.11	59.62	ND	43.65	ND	NA	NA	NA	3321.46	
MW-8	07/11/18	3365.11	59.62	ND	43.68	ND	NA	NA	NA	3321.43	
MW-8	07/18/18	3365.11	59.62	ND	43.58	ND	NA	NA	NA	3321.53	
MW-8	07/26/18	3365.11	59.62	ND	43.62	ND	NA	NA	NA	3321.49	
MW-8	07/31/18	3365.11	59.62	ND	43.60	ND	NA	NA	NA	3321.51	
MW-8	08/07/18	3365.11	59.62	ND	43.57	ND	NA	NA	NA	3321.54	
MW-8	08/14/18	3365.11	59.62	ND	43.52	ND	NA	NA	NA	3321.59	
MW-8	08/21/18	3365.11	59.62	ND	43.50	ND	NA	NA	NA	3321.61	
MW-8	08/30/18	3365.11	59.62	ND	43.51	ND	NA	NA	NA	3321.60	
MW-8	09/06/18	3365.11	59.62	ND	43.61	ND	NA	NA	NA	3321.50	Sampled
MW-8	09/26/18	3365.11	59.62	ND	43.55	ND	NA	NA	NA	3321.56	
MW-8	10/03/18	3365.11	59.62	ND	43.54	ND	NA	NA	NA	3321.57	
MW-8	10/11/18	3365.11	59.62	ND	43.51	ND	NA	NA	NA	3321.60	
MW-8	10/17/18	3365.11	59.62	ND	43.11	ND	NA	NA	NA	3322.00	
MW-8	10/24/18	3365.11	59.62	ND	43.45	ND	NA	NA	NA	3321.66	
MW-8	10/31/18	3365.11	59.62	ND	43.42	ND	NA	NA	NA	3321.69	
MW-8	11/06/18	3365.11	59.62	ND	43.48	ND	NA	NA	NA	3321.63	
MW-8	11/13/18	3365.11	59.62	ND	43.51	ND	NA	NA	NA	3321.60	
MW-8	11/21/18	3365.11	59.62	ND	43.40	ND	NA	NA	NA	3321.71	
MW-8	11/28/18	3365.11	59.62	ND	43.28	ND	NA	NA	NA	3321.83	Sampled
MW-8	12/07/18	3365.11	59.62	ND	43.30	ND	NA	NA	NA	3321.81	
MW-8	12/12/18	3365.11	59.62	ND	43.34	ND	NA	NA	NA	3321.77	
MW-8	12/18/18	3365.11	59.62	ND	43.35	ND	NA	NA	NA	3321.76	
MW-8	01/03/19	3365.11	59.62	ND	43.42	ND	NA	NA	NA	3321.69	
MW-8	01/08/19	3365.11	59.62	ND	43.45	ND	NA	NA	NA	3321.66	
MW-8	01/17/19	3365.11	59.62	ND	43.21	ND	NA	NA	NA	3321.90	
MW-8	01/22/19	3365.11	59.62	ND	43.30	ND	NA	NA	NA	3321.81	
MW-8	01/29/19	3365.11	59.62	ND	43.26	ND	NA	NA	NA	3321.85	
MW-8	02/05/19	3365.11	59.62	ND	43.31	ND	NA	NA	NA	3321.80	
MW-8	02/12/19	3365.11	59.62	ND	43.23	ND	NA	NA	NA	3321.88	Sampled
MW-8	02/22/19	3365.11	59.62	ND	43.19	ND	NA	NA	NA	3321.92	
MW-8	02/27/19	3365.11	59.62	ND	43.33	ND	NA	NA	NA	3321.78	
MW-8	03/06/19	3365.11	59.62	ND	43.38	ND	NA	NA	NA	3321.73	
MW-8	03/12/19	3365.11	59.62	ND	43.40	ND	NA	NA	NA	3321.71	
MW-8	03/22/19	3365.11	59.62	ND	43.41	ND	NA	NA	NA	3321.70	

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-8	03/28/19	3365.11	59.62	ND	43.29	ND	NA	NA	NA	3321.82	
MW-8	04/02/19	3365.11	59.62	ND	42.90	ND	NA	NA	NA	3322.21	
MW-8	04/10/19	3365.11	59.62	ND	42.96	ND	NA	NA	NA	3322.15	
MW-8	04/16/19	3365.11	59.62	ND	42.98	ND	NA	NA	NA	3322.13	
MW-8	04/24/19	3365.11	59.62	ND	42.98	ND	NA	NA	NA	3322.13	
MW-8	05/01/19	3365.11	59.62	ND	42.89	ND	NA	NA	NA	3322.22	Sampled
MW-8	05/09/19	3365.11	59.62	ND	43.18	ND	NA	NA	NA	3321.93	
MW-8	05/17/19	3365.11	59.62	ND	43.20	ND	NA	NA	NA	3321.91	
MW-8	05/24/19	3365.11	59.62	ND	43.19	ND	NA	NA	NA	3321.92	
MW-8	06/05/19	3365.11	59.62	ND	43.23	ND	NA	NA	NA	3321.88	
MW-8	06/14/19	3365.11	59.62	ND	43.09	ND	NA	NA	NA	3322.02	
MW-8	06/20/19	3365.11	59.62	ND	43.26	ND	NA	NA	NA	3321.85	
MW-8	06/25/19	3365.11	59.62	ND	43.10	ND	NA	NA	NA	3322.01	
MW-8	07/02/19	3365.11	59.62	ND	43.12	ND	NA	NA	NA	3321.99	
MW-8	07/10/19	3365.11	59.62	ND	43.13	ND	NA	NA	NA	3321.98	
MW-8	07/26/19	3365.11	59.62	ND	43.15	ND	NA	NA	NA	3321.96	Sampled
MW-8	08/11/19	3365.11	59.62	ND	43.22	ND	NA	NA	NA	3321.89	
MW-8	08/14/19	3365.11	59.62	ND	43.24	ND	NA	NA	NA	3321.87	
MW-8	08/21/19	3365.11	59.62	ND	43.18	ND	NA	NA	NA	3321.93	
MW-8	09/06/19	3365.11	59.62	ND	43.20	ND	NA	NA	NA	3321.91	
MW-8	09/12/19	3365.11	59.62	ND	43.25	ND	NA	NA	NA	3321.86	
MW-8	09/19/19	3365.11	59.62	ND	43.24	ND	NA	NA	NA	3321.87	
MW-8	10/08/19	3365.11	59.62	ND	43.24	ND	NA	NA	NA	3321.87	
MW-8	10/16/19	3365.11	59.62	ND	43.28	ND	NA	NA	NA	3321.83	
MW-8	10/23/19	3365.11	59.62	ND	43.20	ND	NA	NA	NA	3321.91	
MW-8	10/31/19	3365.11	59.62	ND	43.23	ND	NA	NA	NA	3321.88	
MW-8	11/05/19	3365.11	59.62	ND	43.25	ND	NA	NA	NA	3321.86	Sampled
MW-8	11/14/19	3365.11	59.62	ND	43.28	ND	NA	NA	NA	3321.83	
MW-8	11/26/19	3365.11	59.62	ND	43.06	ND	NA	NA	NA	3322.05	
MW-8	12/04/19	3365.11	59.62	ND	43.12	ND	NA	NA	NA	3321.99	
MW-8	12/13/19	3365.11	59.62	ND	43.09	ND	NA	NA	NA	3322.02	
MW-8	12/20/19	3365.11	59.62	ND	43.13	ND	NA	NA	NA	3321.98	
MW-8	12/26/19	3365.11	59.62	ND	43.10	ND	NA	NA	NA	3322.01	
MW-8	01/02/20	3365.11	59.62	ND	43.18	ND	NA	NA	NA	3321.93	
MW-8	01/09/20	3365.11	59.62	ND	43.02	ND	NA	NA	NA	3322.09	
MW-8	01/14/20	3365.11	59.62	ND	43.07	ND	NA	NA	NA	3322.04	

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Vacuum to Jal 14" Mainline #3
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-8	01/30/20	3365.11	59.62	ND	43.00	ND	NA	NA	NA	3322.11	
MW-8	02/07/20	3365.11	59.62	ND	42.89	ND	NA	NA	NA	3322.22	
MW-8	02/12/20	3365.11	59.62	ND	42.94	ND	NA	NA	NA	3322.17	
MW-8	02/19/20	3365.11	59.62	ND	42.97	ND	NA	NA	NA	3322.14	
MW-8	02/26/20	3365.11	59.62	ND	43.08	ND	NA	NA	NA	3322.03	
MW-8	03/05/20	3365.11	59.62	ND	43.10	ND	NA	NA	NA	3322.01	
MW-8	03/11/20	3365.11	59.62	ND	42.92	ND	NA	NA	NA	3322.19	
MW-8	03/17/20	3365.11	59.62	ND	42.93	ND	NA	NA	NA	3322.18	Sampled
MW-8	03/23/20	3365.11	59.62	ND	42.90	ND	NA	NA	NA	3322.21	
MW-8	05/07/20	3365.11	59.62	ND	42.89	ND	NA	NA	NA	3322.22	
MW-8	05/20/20	3365.11	59.62	ND	42.75	ND	NA	NA	NA	3322.36	
MW-8	06/03/20	3365.11	59.62	ND	42.74	ND	NA	NA	NA	3322.37	
MW-8	06/24/20	3365.11	59.62	ND	43.06	ND	NA	NA	NA	3322.05	
MW-8	07/01/20	3365.11	59.62	ND	42.84	ND	NA	NA	NA	3322.27	
MW-8	07/14/20	3365.11	59.62	ND	42.84	ND	NA	NA	NA	3322.27	
MW-8	07/29/20	3365.11	59.62	ND	42.82	ND	NA	NA	NA	3322.29	
MW-8	08/13/20	3365.11	59.62	ND	42.80	ND	NA	NA	NA	3322.31	
MW-8	08/25/20	3365.11	59.62	ND	42.95	ND	NA	NA	NA	3322.16	
MW-8	09/16/20	3365.11	59.62	ND	43.04	ND	NA	NA	NA	3322.07	
MW-8	09/24/20	3365.11	59.62	ND	42.95	ND	NA	NA	NA	3322.16	
MW-8	10/29/20	3365.11	59.62	ND	43.08	ND	NA	NA	NA	3322.03	
MW-8	11/10/20	3365.11	59.62	ND	43.05	ND	NA	NA	NA	3322.06	
MW-8	11/24/20	3365.11	59.62	ND	42.97	ND	NA	NA	NA	3322.14	
MW-8	12/08/20	3365.11	59.62	ND	43.02	ND	NA	NA	NA	3322.09	
MW-8	12/22/20	3365.11	59.62	ND	42.90	ND	NA	NA	NA	3322.21	
MW-8	01/19/21	3365.11	59.62	ND	43.02	ND	NA	NA	NA	3322.09	
MW-8	02/02/21	3365.11	59.62	ND	42.85	ND	NA	NA	NA	3322.26	
MW-8	02/10/21	3365.11	59.62	ND	42.86	ND	NA	NA	NA	3322.25	
MW-8	02/25/21	3365.11	59.62	ND	42.81	ND	NA	NA	NA	3322.30	
MW-8	03/02/21	3365.11	59.62	ND	42.84	ND	NA	NA	NA	3322.27	
MW-8	03/16/21	3365.11	59.62	ND	42.73	ND	NA	NA	NA	3322.38	
MW-8	03/31/21	3365.11	59.62	ND	42.96	ND	NA	NA	NA	3322.15	
MW-8	04/16/21	3365.11	59.62	ND	42.81	ND	NA	NA	NA	3322.30	
MW-8	04/26/21	3365.11	59.62	ND	42.89	ND	NA	NA	NA	3322.22	
MW-8	05/14/21	3365.11	59.62	ND	43.01	ND	NA	NA	NA	3322.10	
MW-8	05/27/21	3365.11	59.62	ND	42.38	ND	NA	NA	NA	3322.73	

TABLE 2
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-8	06/11/21	3365.11	59.62	ND	42.72	ND	NA	NA	NA	3322.39	
MW-8	06/24/21	3365.11	59.62	ND	42.69	ND	NA	NA	NA	3322.42	
MW-8	07/08/21	3365.11	59.62	ND	42.81	ND	NA	NA	NA	3322.30	
MW-8	07/23/21	3365.11	59.62	ND	42.78	ND	NA	NA	NA	3322.33	
MW-8	08/13/21	3365.11	59.62	ND	42.70	ND	NA	NA	NA	3322.41	
MW-8	08/26/21	3365.11	59.62	ND	42.88	ND	NA	NA	NA	3322.23	
MW-8	08/31/21	3365.11	59.62	ND	42.84	ND	NA	NA	NA	3322.27	
MW-8	09/10/21	3365.11	59.62	ND	42.70	ND	NA	NA	NA	3322.41	
MW-8	09/30/21	3365.11	59.62	ND	42.88	ND	NA	NA	NA	3322.23	
MW-8	10/07/21	3365.11	59.62	ND	42.86	ND	NA	NA	NA	3322.25	
MW-8	10/21/21	3365.11	59.62	ND	42.93	ND	NA	NA	NA	3322.18	
MW-8	10/27/21	3365.11	59.62	ND	42.82	ND	NA	NA	NA	3322.29	
MW-8	11/04/21	3365.11	59.62	ND	42.88	ND	NA	NA	NA	3322.23	
MW-8	11/17/21	3365.11	59.62	ND	42.82	ND	NA	NA	NA	3322.29	
MW-8	12/03/21	3365.11	59.62	ND	42.78	ND	NA	NA	NA	3322.33	
MW-8	12/14/21	3365.11	59.62	ND	42.86	ND	NA	NA	NA	3322.25	
MW-8	12/31/21	3365.11	59.62	ND	42.84	ND	NA	NA	NA	3322.27	
MW-8	01/27/22	3365.11	59.62	ND	42.78	ND	NA	NA	NA	3322.33	
MW-8	02/10/22	3365.11	59.62	ND	42.76	ND	NA	NA	NA	3322.35	
MW-8	02/25/22	3365.11	59.62	ND	42.76	ND	NA	NA	NA	3322.35	
MW-8	03/23/22	3365.11	59.62	ND	42.75	ND	NA	NA	NA	3322.36	
MW-8	03/31/22	3365.11	59.62	ND	42.60	ND	NA	NA	NA	3322.51	
MW-8	04/05/22	3365.11	59.62	ND	42.79	ND	NA	NA	NA	3322.32	
MW-8	04/13/22	3365.11	59.62	ND	42.75	ND	NA	NA	NA	3322.36	
MW-8	04/28/22	3365.11	59.62	ND	42.68	ND	NA	NA	NA	3322.43	
MW-8	05/12/22	3365.11	59.62	ND	42.72	ND	NA	NA	NA	3322.39	
MW-8	05/24/22	3365.11	59.62	ND	42.73	ND	NA	NA	NA	3322.38	
MW-8	06/17/22	3365.11	59.62	ND	42.82	ND	NA	NA	NA	3322.29	
MW-8	06/22/22	3365.11	59.62	ND	42.83	ND	NA	NA	NA	3322.28	Sampled
MW-8	07/21/22	3365.11	59.62	ND	42.88	ND	NA	NA	NA	3322.23	
MW-8	08/18/22	3365.11	59.62	ND	43.02	ND	NA	NA	NA	3322.09	
MW-8	09/21/22	3365.11	59.62	ND	43.08	ND	NA	NA	NA	3322.03	
MW-8	09/28/22	3365.11	59.62	ND	43.08	ND	NA	NA	NA	3322.03	Sampled
MW-8	10/07/22	3365.11	59.62	ND	43.11	ND	NA	NA	NA	3322.00	
MW-8	10/19/22	3365.11	59.62	ND	43.12	ND	NA	NA	NA	3321.99	
MW-8	11/15/22	3365.11	59.62	ND	43.15	ND	NA	NA	NA	3321.96	

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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-8	12/06/22	3365.11	59.62	ND	42.95	ND	NA	NA	NA	3322.16	
MW-8	12/29/22	3365.11	59.62	ND	42.94	ND	NA	NA	NA	3322.17	Sampled
MW-9	03/07/18	3364.69	62.60	ND	43.27	ND	NA	NA	NA	3321.42	Sampled
MW-9	06/05/18	3364.69	62.60	ND	42.95	ND	NA	NA	NA	3321.74	Sampled
MW-9	09/06/18	3364.69	62.60	ND	42.98	ND	NA	NA	NA	3321.71	Sampled
MW-9	11/28/18	3364.69	62.60	ND	42.64	ND	NA	NA	NA	3322.05	Sampled
MW-9	02/12/19	3364.69	62.60	ND	42.60	ND	NA	NA	NA	3322.09	Sampled
MW-9	05/09/19	3364.69	62.60	ND	42.56	ND	NA	NA	NA	3322.13	Sampled
MW-9	08/21/19	3364.69	62.60	ND	42.56	ND	NA	NA	NA	3322.13	Sampled
MW-9	11/05/19	3364.69	62.60	ND	42.63	ND	NA	NA	NA	3322.06	Sampled
MW-9	03/17/20	3364.69	62.60	ND	42.31	ND	NA	NA	NA	3322.38	Sampled
MW-9	06/24/20	3364.69	62.60	ND	42.25	ND	NA	NA	NA	3322.44	Sampled
MW-9	09/16/20	3364.69	62.60	ND	42.40	ND	NA	NA	NA	3322.29	Sampled
MW-9	12/08/20	3364.69	62.60	ND	42.40	ND	NA	NA	NA	3322.29	Sampled
MW-9	03/16/21	3364.69	62.60	ND	42.10	ND	NA	NA	NA	3322.59	Sampled
MW-9	06/24/21	3364.69	62.60	ND	42.15	ND	NA	NA	NA	3322.54	Sampled
MW-9	08/31/21	3364.69	62.60	ND	42.20	ND	NA	NA	NA	3322.49	Sampled
MW-9	12/14/21	3364.69	62.60	ND	42.22	ND	NA	NA	NA	3322.47	Sampled
MW-9	03/23/22	3364.69	62.60	ND	42.11	ND	NA	NA	NA	3322.58	Sampled
MW-9	06/22/22	3364.69	62.60	ND	42.30	ND	NA	NA	NA	3322.39	Sampled
MW-9	09/28/22	3364.69	62.60	ND	42.42	ND	NA	NA	NA	3322.27	Sampled
MW-9	12/06/22	3364.69	62.60	ND	42.30	ND	NA	NA	NA	3322.39	Sampled
RW-1	01/04/18	3368.12	58.70	Sheen	47.12	Sheen	NA	Sheen	10.00	3321.00	
RW-1	01/10/18	3368.12	58.70	NA	46.92	NA	NA	NA	NA	3321.20	
RW-1	01/18/18	3368.12	58.70	NA	47.35	NA	NA	NA	NA	3320.77	
RW-1	01/25/18	3368.12	58.70	Sheen	46.89	Sheen	NA	NA	NA	3321.23	
RW-1	02/01/18	3368.12	58.70	NA	46.86	NA	NA	NA	NA	3321.26	
RW-1	02/14/18	3368.12	58.70	NA	46.73	NA	NA	NA	NA	3321.39	
RW-1	02/21/18	3368.12	58.70	NA	46.77	NA	NA	NA	NA	3321.35	
RW-1	02/28/18	3368.12	58.70	Sheen	46.61	Sheen	NA	Sheen	10.00	3321.51	
RW-1	03/07/18	3368.12	58.70	46.70	46.74	0.04	NA	NA	NA	3321.41	
RW-1	03/15/18	3368.12	58.70	Sheen	46.61	Sheen	NA	Sheen	10.00	3321.51	
RW-1	03/22/18	3368.12	58.70	Sheen	46.71	Sheen	NA	NA	NA	3321.41	
RW-1	03/28/18	3368.12	58.70	NA	46.63	NA	NA	NA	10.00	3321.49	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	04/04/18	3368.12	58.70	NA	46.75	NA	NA	NA	10.00	3321.37	
RW-1	04/11/18	3368.12	58.70	NA	46.78	NA	NA	NA	NA	3321.34	
RW-1	04/19/18	3368.12	58.70	NA	46.79	NA	NA	NA	NA	3321.33	
RW-1	04/24/18	3368.12	58.70	NA	46.78	NA	NA	NA	NA	3321.34	
RW-1	05/09/18	3368.12	58.70	Sheen	46.55	Sheen	NA	Sheen	10.00	3321.57	
RW-1	05/15/18	3368.12	58.70	Sheen	46.50	Sheen	NA	NA	10.00	3321.62	
RW-1	05/22/18	3368.12	58.70	Sheen	46.48	Sheen	NA	Sheen	10.00	3321.64	
RW-1	05/30/18	3368.12	58.70	Sheen	46.41	Sheen	NA	Sheen	10.00	3321.71	
RW-1	06/05/18	3368.12	58.70	NA	46.42	NA	NA	Sheen	25.00	3321.70	Sampled
RW-1	06/13/18	3368.12	58.70	NA	46.45	NA	NA	NA	NA	3321.67	
RW-1	06/19/18	3368.12	58.70	NA	46.44	NA	NA	NA	NA	3321.68	
RW-1	06/29/18	3368.12	58.70	Sheen	46.43	Sheen	NA	Sheen	10.00	3321.69	
RW-1	07/05/18	3368.12	58.70	NA	46.44	NA	NA	Sheen	10.00	3321.68	
RW-1	07/11/18	3368.12	58.70	Sheen	46.45	Sheen	NA	Sheen	10.00	3321.67	
RW-1	07/18/18	3368.12	58.70	Sheen	46.44	Sheen	NA	Sheen	10.00	3321.68	
RW-1	07/26/18	3368.12	58.70	Sheen	46.42	Sheen	NA	Sheen	10.00	3321.70	
RW-1	07/31/18	3368.12	58.70	Sheen	46.41	Sheen	NA	Sheen	10.00	3321.71	
RW-1	08/07/18	3368.12	58.70	Sheen	46.40	Sheen	NA	Sheen	10.00	3321.72	
RW-1	08/14/18	3368.12	58.70	Sheen	46.61	Sheen	NA	Sheen	10.00	3321.51	
RW-1	08/21/18	3368.12	58.70	46.35	46.37	0.02	NA	Sheen	10.00	3321.77	
RW-1	08/30/18	3368.12	58.70	46.40	46.41	0.01	NA	Sheen	10.00	3321.72	
RW-1	09/06/18	3368.12	58.70	46.33	46.35	0.02	NA	Sheen	10.00	3321.79	
RW-1	09/26/18	3368.12	58.70	Sheen	46.35	Sheen	NA	Sheen	10.00	3321.77	
RW-1	10/03/18	3368.12	58.70	Sheen	46.34	Sheen	NA	Sheen	10.00	3321.78	
RW-1	10/11/18	3368.12	58.70	ND	46.39	ND	NA	NA	NA	3321.73	
RW-1	10/17/18	3368.12	58.70	ND	45.94	ND	NA	Sheen	10.00	3322.18	
RW-1	10/24/18	3368.12	58.70	Sheen	46.30	Sheen	NA	Sheen	10.00	3321.82	
RW-1	10/31/18	3368.12	58.70	Sheen	46.21	Sheen	NA	Sheen	10.00	3321.91	
RW-1	11/06/18	3368.12	58.70	Sheen	46.30	Sheen	NA	Sheen	10.00	3321.82	
RW-1	11/13/18	3368.12	58.70	ND	46.33	ND	NA	Sheen	10.00	3321.79	
RW-1	11/21/18	3368.12	58.70	46.20	46.21	0.01	NA	Sheen	10.00	3321.92	
RW-1	11/28/18	3368.12	58.70	46.11	46.13	0.02	NA	Sheen	10.00	3322.01	
RW-1	12/07/18	3368.12	58.70	43.13	43.14	0.01	NA	Sheen	10.00	3324.99	
RW-1	12/12/18	3368.12	58.70	Sheen	46.16	Sheen	NA	Sheen	10.00	3321.96	
RW-1	12/18/18	3368.12	58.70	Sheen	46.18	Sheen	NA	Sheen	10.00	3321.94	
RW-1	01/03/19	3368.12	58.70	Sheen	46.22	Sheen	NA	Sheen	10.00	3321.90	

TABLE 2
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Plains Marketing, L.P.
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	01/08/19	3368.12	58.70	46.77	46.78	0.01	NA	Sheen	10.00	3321.35	
RW-1	01/17/19	3368.12	58.70	46.06	46.07	0.01	NA	ND	10.00	3322.06	
RW-1	01/22/19	3368.12	58.70	Sheen	46.12	Sheen	NA	Sheen	10.00	3322.00	
RW-1	01/29/19	3368.12	58.70	Sheen	46.08	Sheen	NA	Sheen	10.00	3322.04	
RW-1	02/05/19	3368.12	58.70	Sheen	46.21	Sheen	NA	Sheen	10.00	3321.91	
RW-1	02/12/19	3368.12	58.70	46.05	46.07	0.02	NA	NA	NA	3322.07	
RW-1	02/22/19	3368.12	58.70	ND	46.03	ND	NA	NA	10.00	3322.09	
RW-1	02/27/19	3368.12	58.70	ND	46.10	ND	NA	Sheen	10.00	3322.02	
RW-1	03/06/19	3368.12	58.70	ND	46.12	ND	NA	NA	NA	3322.00	
RW-1	03/12/19	3368.12	58.70	Sheen	43.41	Sheen	NA	Sheen	10.00	3324.71	
RW-1	03/22/19	3368.12	58.70	Sheen	43.42	Sheen	NA	Sheen	10.00	3324.70	
RW-1	03/28/19	3368.12	58.70	44.11	44.12	0.01	NA	Sheen	10.00	3324.01	
RW-1	04/02/19	3368.12	58.70	Sheen	45.81	Sheen	NA	Sheen	10.00	3322.31	
RW-1	04/10/19	3368.12	58.70	Sheen	45.77	Sheen	NA	NA	10.00	3322.35	
RW-1	04/16/19	3368.12	58.70	Sheen	45.80	Sheen	NA	NA	NA	3322.32	
RW-1	04/24/19	3368.12	58.70	Sheen	45.82	Sheen	NA	Sheen	10.00	3322.30	
RW-1	05/01/19	3368.12	58.70	Sheen	45.64	Sheen	NA	NA	NA	3322.48	
RW-1	05/09/19	3368.12	58.70	Sheen	46.00	Sheen	NA	Sheen	10.00	3322.12	Sampled
RW-1	05/17/19	3368.12	58.70	Sheen	46.06	Sheen	NA	na	10.00	3322.06	
RW-1	05/24/19	3368.12	58.70	Sheen	46.06	Sheen	NA	NA	10.00	3322.06	
RW-1	06/05/19	3368.12	58.70	Sheen	46.10	Sheen	NA	Sheen	10.00	3322.02	
RW-1	06/14/19	3368.12	58.70	ND	45.85	ND	NA	Sheen	10.00	3322.27	
RW-1	06/20/19	3368.12	58.70	Sheen	46.12	Sheen	NA	Sheen	10.00	3322.00	
RW-1	06/25/19	3368.12	58.70	ND	45.90	ND	NA	ND	10.00	3322.22	
RW-1	07/02/19	3368.12	58.70	Sheen	45.89	Sheen	NA	ND	10.00	3322.23	
RW-1	07/10/19	3368.12	58.70	ND	45.98	ND	NA	ND	10.00	3322.14	
RW-1	07/26/19	3368.12	58.70	Sheen	45.86	Sheen	NA	ND	10.00	3322.26	
RW-1	08/11/19	3368.12	58.70	Sheen	45.93	Sheen	NA	Sheen	10.00	3322.19	
RW-1	08/14/19	3368.12	58.70	Sheen	46.06	Sheen	NA	Sheen	10.00	3322.06	
RW-1	08/21/19	3368.12	58.70	Sheen	45.98	Sheen	NA	Sheen	10.00	3322.14	
RW-1	09/06/19	3368.12	58.70	Sheen	46.51	Sheen	NA	Sheen	10.00	3321.61	
RW-1	09/12/19	3368.12	58.70	ND	46.05	ND	NA	Sheen	10.00	3322.07	
RW-1	09/19/19	3368.12	58.70	Sheen	46.05	Sheen	NA	Sheen	10.00	3322.07	
RW-1	10/08/19	3368.12	58.70	ND	46.04	ND	NA	NA	NA	3322.08	
RW-1	10/16/19	3368.12	58.70	ND	46.10	ND	NA	NA	NA	3322.02	
RW-1	10/23/19	3368.12	58.70	ND	46.00	ND	NA	NA	NA	3322.12	

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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	10/31/19	3368.12	58.70	ND	46.06	ND	NA	NA	NA	3322.06	
RW-1	11/05/19	3368.12	58.70	46.05	46.06	0.01	NA	Sheen	10.00	3322.07	
RW-1	11/14/19	3368.12	58.70	46.46	46.47	0.01	NA	Sheen	10	3321.66	
RW-1	11/26/19	3368.12	58.70	ND	45.87	ND	NA	NA	NA	3322.25	
RW-1	12/04/19	3368.12	58.70	ND	45.93	ND	NA	NA	NA	3322.19	
RW-1	12/13/19	3368.12	58.70	ND	45.87	ND	NA	NA	NA	3322.25	
RW-1	12/20/19	3368.12	58.70	ND	45.95	ND	NA	NA	NA	3322.17	
RW-1	12/26/19	3368.12	58.70	ND	45.91	ND	NA	NA	NA	3322.21	
RW-1	01/02/20	3368.12	58.70	ND	45.99	ND	NA	NA	NA	3322.13	
RW-1	01/09/20	3368.12	58.70	ND	45.84	ND	NA	NA	NA	3322.28	
RW-1	01/14/20	3368.12	58.70	Sheen	45.88	Sheen	NA	Sheen	10.00	3322.24	
RW-1	01/30/20	3368.12	58.70	Sheen	45.80	Sheen	NA	NA	NA	3322.32	
RW-1	02/07/20	3368.12	58.70	Sheen	45.78	Sheen	NA	NA	NA	3322.34	
RW-1	02/12/20	3368.12	58.70	Sheen	45.75	Sheen	NA	Sheen	10	3322.37	
RW-1	02/19/20	3368.12	58.70	Sheen	45.68	Sheen	NA	Sheen	10	3322.44	
RW-1	02/26/20	3368.12	58.70	Sheen	45.91	Sheen	NA	Sheen	10.00	3322.21	
RW-1	03/05/20	3368.12	58.70	Sheen	45.90	Sheen	NA	Sheen	10	3322.22	
RW-1	03/11/20	3368.12	58.70	Sheen	46.08	Sheen	NA	Sheen	10	3322.04	
RW-1	03/17/20	3368.12	58.70	Sheen	45.76	Sheen	NA	NA	NA	3322.36	Sampled
RW-1	03/23/20	3368.12	58.70	Sheen	45.90	Sheen	NA	Sheen	10	3322.22	
RW-1	05/07/20	3368.12	58.70	Sheen	46.01	Sheen	NA	Sheen	10	3322.11	
RW-1	05/20/20	3368.12	58.70	45.56	45.58	0.02	NA	Sheen	10	3322.56	
RW-1	06/03/20	3368.12	58.70	45.61	45.65	0.04	NA	Sheen	10	3322.50	
RW-1	06/24/20	3368.12	58.70	Sheen	45.68	Sheen	NA	Sheen	10	3322.44	
RW-1	07/01/20	3368.12	58.70	ND	45.65	ND	NA	Sheen	10	3322.47	
RW-1	07/14/20	3368.12	58.70	Sheen	45.64	Sheen	NA	Sheen	10	3322.48	
RW-1	07/29/20	3368.12	58.70	ND	45.62	ND	NA	NA	NA	3322.50	
RW-1	08/13/20	3368.12	58.70	ND	45.65	ND	NA	NA	NA	3322.47	
RW-1	08/25/20	3368.12	58.70	45.72	45.76	0.04	NA	Sheen	10	3322.39	
RW-1	09/16/20	3368.12	58.70	45.83	45.84	0.01	NA	NA	NA	3322.29	
RW-1	09/24/20	3368.12	58.70	Sheen	45.70	Sheen	NA	Sheen	10	3322.42	
RW-1	10/29/20	3368.12	58.70	Sheen	45.85	Sheen	NA	Sheen	10	3322.27	
RW-1	11/10/20	3368.12	58.70	Sheen	45.84	Sheen	NA	Sheen	10	3322.28	
RW-1	11/24/20	3368.12	58.70	Sheen	45.78	Sheen	NA	Sheen	10	3322.34	
RW-1	12/08/20	3368.12	58.70	45.79	45.80	0.01	NA	Sheen	10	3322.33	
RW-1	12/22/20	3368.12	58.70	Sheen	45.72	Sheen	NA	Sheen	10	3322.40	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	01/05/21	3368.12	58.70	ND	45.72	ND	NA	Sheen	10	3322.40	
RW-1	01/19/21	3368.12	58.70	Sheen	45.86	Sheen	NA	Sheen	10	3322.26	
RW-1	02/02/21	3368.12	58.70	Sheen	45.66	Sheen	NA	Sheen	10	3322.46	
RW-1	02/10/21	3368.12	58.70	ND	45.67	ND	NA	NA	NA	3322.45	
RW-1	02/25/21	3368.12	58.70	ND	45.70	ND	NA	Sheen	10	3322.42	
RW-1	03/02/21	3368.12	58.70	ND	45.63	ND	NA	Sheen	10	3322.49	
RW-1	03/16/21	3368.12	58.70	ND	45.51	ND	NA	Sheen	10	3322.61	Sampled
RW-1	03/31/21	3368.12	58.70	ND	45.77	ND	NA	NA	NA	3322.35	
RW-1	04/16/21	3368.12	58.70	ND	45.63	ND	NA	Sheen	10	3322.49	
RW-1	04/26/21	3368.12	58.70	ND	45.52	ND	NA	Sheen	10	3322.60	
RW-1	05/14/21	3368.12	58.70	ND	45.59	ND	NA	Sheen	10	3322.53	
RW-1	05/27/21	3368.12	58.70	ND	45.49	ND	NA	Sheen	10	3322.63	
RW-1	06/11/21	3368.12	58.70	ND	45.52	ND	NA	Sheen	10	3322.60	
RW-1	06/24/21	3368.12	58.70	ND	45.48	ND	NA	Sheen	10	3322.64	
RW-1	07/08/21	3368.12	58.70	ND	45.48	ND	NA	Sheen	10	3322.64	
RW-1	07/23/21	3368.12	58.70	ND	45.51	ND	NA	Sheen	10	3322.61	
RW-1	08/13/21	3368.12	58.70	ND	45.57	ND	NA	Sheen	10	3322.55	
RW-1	08/26/21	3368.12	58.70	Sheen	45.68	Sheen	NA	Sheen	10	3322.44	
RW-1	08/31/21	3368.12	58.70	Sheen	45.63	Sheen	NA	Sheen	10	3322.49	
RW-1	09/10/21	3368.12	58.70	ND	46.68	ND	NA	Sheen	10	3321.44	
RW-1	09/30/21	3368.12	58.70	ND	45.66	ND	NA	Sheen	10	3322.46	
RW-1	10/07/21	3368.12	58.70	ND	45.66	ND	NA	Sheen	10	3322.46	
RW-1	10/21/21	3368.12	58.70	ND	45.70	ND	NA	Sheen	10	3322.42	
RW-1	10/27/21	3368.12	58.70	ND	45.62	ND	NA	Sheen	10	3322.50	
RW-1	11/04/21	3368.12	58.70	ND	45.68	ND	NA	Sheen	10	3322.44	
RW-1	11/17/21	3368.12	58.70	ND	45.59	ND	NA	Sheen	10	3322.53	
RW-1	12/03/21	3368.12	58.70	ND	45.58	ND	NA	Sheen	10	3322.54	
RW-1	12/14/21	3368.12	58.70	45.66	45.67	0.01	NA	Sheen	10	3322.46	
RW-1	12/31/21	3368.12	58.70	45.58	45.60	0.02	NA	0.25	9.75	3322.54	
RW-1	01/27/22	3368.12	58.70	ND	45.59	ND	NA	Sheen	10	3322.53	
RW-1	02/10/22	3368.12	58.70	ND	45.51	ND	NA	Sheen	10	3322.61	
RW-1	02/25/22	3368.12	58.70	ND	45.56	ND	NA	Sheen	10	3322.56	
RW-1	03/23/22	3368.12	58.70	Sheen	45.56	Sheen	NA	Sheen	10	3322.56	
RW-1	03/31/22	3368.12	58.70	ND	45.40	ND	NA	ND	ND	3322.72	
RW-1	04/05/22	3368.12	58.70	ND	45.61	ND	NA	ND	ND	3322.51	
RW-1	04/13/22	3368.12	58.70	Sheen	45.57	Sheen	NA	Sheen	10	3322.55	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	04/28/22	3368.12	58.70	ND	45.48	ND	NA	ND	ND	3322.64	
RW-1	05/12/22	3368.12	58.70	ND	45.55	ND	NA	ND	ND	3322.57	
RW-1	05/24/22	3368.12	58.70	ND	45.52	ND	NA	Sheen	10	3322.60	
RW-1	06/17/22	3368.12	58.70	ND	45.48	ND	NA	Sheen	10	3322.64	
RW-1	06/22/22	3368.12	58.70	ND	45.49	ND	NA	Sheen	10	3322.63	Sampled
RW-1	07/21/22	3368.12	58.70	ND	45.65	ND	NA	Sheen	10	3322.47	
RW-1	08/18/22	3368.12	58.70	Sheen	45.80	Sheen	NA	Sheen	10	3322.32	
RW-1	09/21/22	3368.12	58.70	ND	45.86	ND	NA	Sheen	10	3322.26	
RW-1	09/28/22	3368.12	58.70	45.85	45.86	0.01	NA	0.25	9.75	3322.27	
RW-1	10/07/22	3368.12	58.70	Sheen	45.88	Sheen	NA	0.25	9.75	3322.24	
RW-1	10/19/22	3368.12	58.70	Sheen	45.89	Sheen	NA	Sheen	10	3322.23	
RW-1	11/15/22	3368.12	58.70	ND	45.76	ND	NA	NA	NA	3322.36	
RW-1	12/06/22	3368.12	58.70	ND	45.76	ND	NA	0.25	9.75	3322.36	Sampled
RW-1	12/29/22	3368.12	58.70	ND	45.69	ND	NA	NA	NA	3322.43	
RW-2	01/04/18	3368.32	48.98	Sheen	47.38	Sheen	NA	Sheen	10.00	3320.94	
RW-2	01/10/18	3368.32	48.98	Sheen	47.19	Sheen	NA	Sheen	10.00	3321.13	
RW-2	01/18/18	3368.32	48.98	ND	44.72	ND	NA	NA	NA	3323.60	
RW-2	01/25/18	3368.32	48.98	Sheen	47.12	Sheen	NA	NA	NA	3321.20	
RW-2	02/01/18	3368.32	48.98	ND	47.63	ND	NA	NA	NA	3320.69	
RW-2	02/14/18	3368.32	48.98	ND	47.01	ND	NA	NA	NA	3321.31	
RW-2	02/21/18	3368.32	48.98	ND	47.16	ND	NA	NA	NA	3321.16	
RW-2	02/28/18	3368.32	48.98	Sheen	46.85	Sheen	NA	Sheen	10.00	3321.47	
RW-2	03/07/18	3368.32	48.98	ND	46.91	ND	NA	NA	NA	3321.41	Sampled
RW-2	03/15/18	3368.32	48.98	Sheen	46.84	Sheen	NA	Sheen	10.00	3321.48	
RW-2	03/22/18	3368.32	48.98	Sheen	46.96	Sheen	NA	NA	NA	3321.36	
RW-2	03/28/18	3368.32	48.98	Sheen	46.90	Sheen	NA	NA	10.00	3321.42	
RW-2	04/04/18	3368.32	48.98	Sheen	47.02	Sheen	NA	Sheen	10.00	3321.30	
RW-2	04/11/18	3368.32	48.98	Sheen	47.08	Sheen	NA	Sheen	10.00	3321.24	
RW-2	04/19/18	3368.32	48.98	Sheen	47.04	Sheen	NA	Sheen	10.00	3321.28	
RW-2	04/24/18	3368.32	48.98	Sheen	47.10	Sheen	NA	Sheen	10.00	3321.22	
RW-2	05/09/18	3368.32	48.98	ND	46.75	ND	NA	NA	NA	3321.57	
RW-2	05/15/18	3368.32	48.98	Sheen	46.72	Sheen	NA	NA	10.00	3321.60	
RW-2	05/22/18	3368.32	48.98	ND	46.68	ND	NA	NA	NA	3321.64	
RW-2	05/30/18	3368.32	48.98	Sheen	46.68	Sheen	NA	Sheen	10.00	3321.64	
RW-2	06/05/18	3368.32	48.98	Sheen	46.69	Sheen	NA	NA	NA	3321.63	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	06/13/18	3368.32	48.98	Sheen	46.72	Sheen	NA	Sheen	10.00	3321.60	
RW-2	06/19/18	3368.32	48.98	Sheen	46.74	Sheen	NA	Sheen	10.00	3321.58	
RW-2	06/29/18	3368.32	48.98	Sheen	46.70	Sheen	NA	Sheen	10.00	3321.62	
RW-2	07/05/18	3368.32	48.98	ND	46.89	ND	NA	NA	NA	3321.43	
RW-2	07/11/18	3368.32	48.98	ND	46.74	ND	NA	NA	NA	3321.58	
RW-2	07/18/18	3368.32	48.98	Sheen	46.70	Sheen	NA	Sheen	10.00	3321.62	
RW-2	07/26/18	3368.32	48.98	ND	46.69	ND	NA	NA	NA	3321.63	
RW-2	07/31/18	3368.32	48.98	ND	46.65	ND	NA	NA	NA	3321.67	
RW-2	08/07/18	3368.32	48.98	ND	46.64	ND	NA	NA	NA	3321.68	
RW-2	08/14/18	3368.32	48.98	Sheen	46.61	Sheen	NA	Sheen	10.00	3321.71	
RW-2	08/21/18	3368.32	48.98	ND	46.59	ND	NA	NA	NA	3321.73	
RW-2	08/30/18	3368.32	48.98	ND	46.63	ND	NA	NA	NA	3321.69	
RW-2	09/06/18	3368.32	48.98	46.68	46.69	0.01	NA	NA	NA	3321.64	
RW-2	09/26/18	3368.32	48.98	Sheen	46.61	Sheen	NA	NA	NA	3321.71	
RW-2	10/03/18	3368.32	48.98	Sheen	46.62	Sheen	NA	Sheen	10.00	3321.70	
RW-2	10/11/18	3368.32	48.98	Sheen	46.65	Sheen	NA	Sheen	10.00	3321.67	
RW-2	10/17/18	3368.32	48.98	Sheen	46.02	Sheen	NA	Sheen	10.00	3322.30	
RW-2	10/24/18	3368.32	48.98	Sheen	46.55	Sheen	NA	Sheen	10.00	3321.77	
RW-2	10/31/18	3368.32	48.98	ND	46.55	ND	NA	NA	NA	3321.77	
RW-2	11/06/18	3368.32	48.98	Sheen	46.61	Sheen	NA	Sheen	10.00	3321.71	
RW-2	11/13/18	3368.32	48.98	ND	46.64	ND	NA	NA	NA	3321.68	
RW-2	11/21/18	3368.32	48.98	Sheen	46.44	Sheen	NA	NA	NA	3321.88	
RW-2	11/28/18	3368.32	48.98	46.32	46.33	0.01	NA	Sheen	10.00	3322.00	
RW-2	12/07/18	3368.32	48.98	46.35	46.37	0.02	NA	Sheen	10.00	3321.97	
RW-2	12/12/18	3368.32	48.98	ND	46.39	ND	NA	NA	NA	3321.93	
RW-2	12/18/18	3368.32	48.98	ND	46.40	ND	NA	NA	NA	3321.92	
RW-2	01/03/19	3368.32	48.98	ND	46.94	ND	NA	NA	NA	3321.38	
RW-2	01/08/19	3368.32	48.98	ND	46.48	ND	NA	NA	10.00	3321.84	
RW-2	01/17/19	3368.32	48.98	ND	46.34	ND	NA	NA	NA	3321.98	
RW-2	01/22/19	3368.32	48.98	Sheen	46.40	Sheen	NA	Sheen	10.00	3321.92	
RW-2	01/29/19	3368.32	48.98	ND	46.32	ND	NA	NA	NA	3322.00	
RW-2	02/05/19	3368.32	48.98	ND	46.36	ND	NA	Sheen	10.00	3321.96	
RW-2	02/12/19	3368.32	48.98	46.30	46.32	0.02	NA	Sheen	10.00	3322.02	
RW-2	02/22/19	3368.32	48.98	ND	46.28	ND	NA	Sheen	10.00	3322.04	
RW-2	02/27/19	3368.32	48.98	ND	46.20	ND	NA	NA	NA	3322.12	
RW-2	03/06/19	3368.32	48.98	ND	46.18	ND	NA	NA	NA	3322.14	

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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	03/12/19	3368.32	48.98	Sheen	46.19	Sheen	NA	Sheen	10.00	3322.13	
RW-2	03/22/19	3368.32	48.98	Sheen	46.22	Sheen	NA	Sheen	10.00	3322.10	
RW-2	03/28/19	3368.32	48.98	Sheen	46.16	Sheen	NA	Sheen	10.00	3322.16	
RW-2	04/02/19	3368.32	48.98	ND	46.16	ND	NA	NA	NA	3322.16	
RW-2	04/10/19	3368.32	48.98	ND	46.06	ND	NA	NA	NA	3322.26	
RW-2	04/16/19	3368.32	48.98	ND	46.09	ND	NA	NA	NA	3322.23	
RW-2	04/24/19	3368.32	48.98	ND	46.11	ND	NA	NA	NA	3322.21	
RW-2	05/01/19	3368.32	48.98	ND	46.01	ND	NA	NA	NA	3322.31	
RW-2	05/09/19	3368.32	48.98	Sheen	46.25	Sheen	NA	NA	NA	3322.07	Sampled
RW-2	05/17/19	3368.32	48.98	Sheen	46.28	Sheen	NA	NA	10.00	3322.04	
RW-2	05/24/19	3368.32	48.98	Sheen	46.27	Sheen	NA	NA	10.00	3322.05	
RW-2	06/05/19	3368.32	48.98	ND	46.28	ND	NA	NA	NA	3322.04	
RW-2	06/14/19	3368.32	48.98	ND	46.15	ND	NA	NA	NA	3322.17	
RW-2	06/20/19	3368.32	48.98	Sheen	46.29	Sheen	NA	NA	10.00	3322.03	
RW-2	06/25/19	3368.32	48.98	ND	46.20	ND	NA	NA	10.00	3322.12	
RW-2	07/02/19	3368.32	48.98	ND	46.18	ND	NA	NA	10.00	3322.14	
RW-2	07/10/19	3368.32	48.98	ND	46.78	ND	NA	NA	10.00	3321.54	
RW-2	07/26/19	3368.32	48.98	ND	46.13	ND	NA	NA	10.00	3322.19	
RW-2	08/11/19	3368.32	48.98	ND	46.25	ND	NA	NA	10.00	3322.07	
RW-2	08/14/19	3368.32	48.98	ND	46.32	ND	NA	NA	NA	3322.00	
RW-2	08/21/19	3368.32	48.98	Sheen	46.25	Sheen	NA	NA	NA	3322.07	
RW-2	09/06/19	3368.32	48.98	ND	46.34	ND	NA	NA	NA	3321.98	
RW-2	09/12/19	3368.32	48.98	ND	46.32	ND	NA	NA	NA	3322.00	
RW-2	09/19/19	3368.32	58.70	ND	46.29	ND	NA	NA	NA	3322.03	
RW-2	10/08/19	3368.32	58.70	ND	46.31	ND	NA	NA	NA	3322.01	
RW-2	10/16/19	3368.32	58.70	ND	46.35	ND	NA	NA	NA	3321.97	
RW-2	10/23/19	3368.32	58.70	ND	46.25	ND	NA	NA	NA	3322.07	
RW-2	10/31/19	3368.32	58.70	ND	46.34	ND	NA	NA	NA	3321.98	
RW-2	11/05/19	3368.32	48.98	Sheen	46.32	Sheen	NA	Sheen	10.00	3322.00	
RW-2	11/14/19	3368.32	58.70	46.46	46.53	0.07	NA	NA	NA	3321.85	
RW-2	11/26/19	3368.32	58.70	ND	46.15	ND	NA	NA	NA	3322.17	
RW-2	12/04/19	3368.32	58.70	ND	46.20	ND	NA	NA	NA	3322.12	
RW-2	12/13/19	3368.32	58.70	ND	46.14	ND	NA	NA	NA	3322.18	
RW-2	12/20/19	3368.32	58.70	ND	46.21	ND	NA	NA	NA	3322.11	
RW-2	12/26/19	3368.32	58.70	ND	46.22	ND	NA	NA	NA	3322.10	
RW-2	01/02/20	3368.32	48.98	ND	46.25	ND	NA	NA	NA	3322.07	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	01/09/20	3368.32	48.98	ND	46.02	ND	NA	NA	NA	3322.30	
RW-2	01/14/20	3368.32	58.70	ND	46.14	ND	NA	NA	NA	3322.18	
RW-2	01/30/20	3368.32	58.70	Sheen	46.10	Sheen	NA	NA	NA	3322.22	
RW-2	02/07/20	3368.32	58.70	Sheen	46.12	Sheen	NA	NA	NA	3322.20	
RW-2	02/12/20	3368.32	58.70	ND	46.02	ND	NA	NA	NA	3322.30	
RW-2	02/19/20	3368.32	58.70	ND	46.08	ND	NA	NA	NA	3322.24	
RW-2	02/26/20	3368.32	48.98	Sheen	46.16	Sheen	NA	Sheen	10.00	3322.16	
RW-2	03/05/20	3368.32	58.70	Sheen	46.20	Sheen	NA	NA	NA	3322.12	
RW-2	03/11/20	3368.32	58.70	Sheen	46.02	Sheen	NA	Sheen	10	3322.30	
RW-2	03/17/20	3368.32	58.70	Sheen	46.02	Sheen	NA	NA	NA	3322.30	Sampled
RW-2	03/23/20	3368.32	58.70	Sheen	46.05	Sheen	NA	NA	NA	3322.27	
RW-2	05/07/20	3368.32	58.70	Sheen	46.12	Sheen	NA	Sheen	10	3322.20	
RW-2	05/20/20	3368.32	58.70	ND	46.32	ND	NA	NA	NA	3322.00	
RW-2	06/03/20	3368.32	58.70	Sheen	46.28	Sheen	NA	Sheen	10	3322.04	
RW-2	06/24/20	3368.32	58.70	ND	45.94	ND	NA	NA	NA	3322.38	
RW-2	07/01/20	3368.32	58.70	ND	45.91	ND	NA	Sheen	10	3322.41	
RW-2	07/14/20	3368.32	58.70	ND	45.92	ND	NA	NA	NA	3322.40	
RW-2	07/29/20	3368.32	58.70	ND	45.90	ND	NA	NA	NA	3322.42	
RW-2	08/13/20	3368.32	58.70	ND	45.95	ND	NA	NA	NA	3322.37	
RW-2	08/25/20	3368.32	58.70	ND	46.02	ND	NA	NA	NA	3322.30	
RW-2	09/16/20	3368.32	58.70	Sheen	46.10	Sheen	NA	Sheen	10	3322.22	
RW-2	09/24/20	3368.32	58.70	Sheen	46.02	Sheen	NA	Sheen	10	3322.30	
RW-2	10/29/20	3368.32	58.70	ND	46.11	ND	NA	NA	NA	3322.21	
RW-2	11/10/20	3368.32	58.70	ND	46.14	ND	NA	NA	NA	3322.18	
RW-2	11/24/20	3368.32	58.70	ND	46.05	ND	NA	NA	NA	3322.27	
RW-2	12/08/20	3368.32	58.70	ND	46.10	ND	NA	NA	NA	3322.22	
RW-2	12/22/20	3368.32	58.70	ND	45.98	ND	NA	NA	NA	3322.34	
RW-2	01/05/21	3368.32	58.70	ND	45.98	ND	NA	NA	15	3322.34	
RW-2	01/19/21	3368.32	58.70	ND	46.08	ND	NA	NA	10	3322.24	
RW-2	02/02/21	3368.32	58.70	ND	45.93	ND	NA	NA	NA	3322.39	
RW-2	02/10/21	3368.32	58.70	Sheen	45.91	Sheen	NA	Sheen	10	3322.41	
RW-2	02/25/21	3368.32	58.70	ND	45.95	ND	NA	NA	NA	3322.37	
RW-2	03/02/21	3368.32	58.70	ND	45.92	ND	NA	NA	NA	3322.40	
RW-2	03/16/21	3368.32	58.70	Sheen	45.80	Sheen	NA	NA	NA	3322.52	Sampled
RW-2	03/31/21	3368.32	58.70	Sheen	46.03	Sheen	NA	Sheen	10	3322.29	
RW-2	04/16/21	3368.32	58.70	ND	45.90	ND	NA	NA	10	3322.42	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	04/26/21	3368.32	58.70	ND	45.93	ND	NA	NA	10	3322.39	
RW-2	05/14/21	3368.32	58.70	ND	45.81	ND	NA	NA	10	3322.51	
RW-2	05/27/21	3368.32	58.70	ND	45.80	ND	NA	NA	NA	3322.52	
RW-2	06/11/21	3368.32	58.70	Sheen	45.78	Sheen	NA	NA	10	3322.54	
RW-2	06/24/21	3368.32	58.70	Sheen	45.72	Sheen	NA	NA	NA	3322.60	
RW-2	07/08/21	3368.32	58.70	ND	45.82	ND	NA	NA	10	3322.50	
RW-2	07/23/21	3368.32	58.70	ND	45.78	ND	NA	NA	NA	3322.54	
RW-2	08/13/21	3368.32	58.70	ND	45.78	ND	NA	NA	NA	3322.54	
RW-2	08/26/21	3368.32	58.70	Sheen	45.99	Sheen	NA	NA	NA	3322.33	
RW-2	08/31/21	3368.32	58.70	45.88	45.90	0.02	NA	NA	NA	3322.44	
RW-2	09/10/21	3368.32	58.70	Sheen	45.91	Sheen	NA	NA	NA	3322.41	
RW-2	09/30/21	3368.32	58.70	45.95	46.03	0.08	NA	Sheen	10	3322.36	
RW-2	10/07/21	3368.32	58.70	Sheen	45.94	Sheen	NA	Sheen	10	3322.38	
RW-2	10/21/21	3368.32	58.70	Sheen	46.00	Sheen	NA	Sheen	10	3322.32	
RW-2	10/27/21	3368.32	58.70	45.78	45.81	0.03	NA	Sheen	10	3322.54	
RW-2	11/04/21	3368.32	58.70	45.95	46.02	0.07	NA	NA	NA	3322.36	
RW-2	11/17/21	3368.32	58.70	45.91	46.10	0.19	NA	2	8	3322.38	
RW-2	12/03/21	3368.32	58.70	45.85	46.10	0.25	NA	2	8	3322.43	
RW-2	12/14/21	3368.32	58.70	45.95	46.07	0.12	NA	NA	NA	3322.35	
RW-2	12/31/21	3368.32	58.70	45.89	46.10	0.21	NA	2	8	3322.40	
RW-2	01/27/22	3368.32	58.70	45.88	45.95	0.07	NA	Sheen	10	3322.43	
RW-2	02/10/22	3368.32	58.70	45.84	45.96	0.12	NA	Sheen	10	3322.46	
RW-2	02/25/22	3368.32	58.70	45.84	46.05	0.21	NA	0.25	9.75	3322.45	
RW-2	03/23/22	3368.32	58.70	45.82	45.89	0.07	NA	NA	NA	3322.49	
RW-2	03/31/22	3368.32	58.70	45.66	45.69	0.03	NA	0.25	9.75	3322.66	
RW-2	04/05/22	3368.32	58.70	45.88	45.90	0.02	NA	Sheen	10	3322.44	
RW-2	04/13/22	3368.32	58.70	Sheen	45.85	Sheen	NA	ND	10	3322.47	
RW-2	04/28/22	3368.32	58.70	Sheen	45,75	Sheen	NA	ND	10	45,75	
RW-2	05/12/22	3368.32	58.70	Sheen	45.80	Sheen	NA	ND	10	3322.52	
RW-2	05/24/22	3368.32	58.70	Sheen	45.80	Sheen	NA	2	8	3322.52	
RW-2	06/17/22	3368.32	58.70	Sheen	45.77	Sheen	NA	NA	NA	3322.55	
RW-2	06/22/22	3368.32	58.70	Sheen	46.44	Sheen	NA	Sheen	10	3321.88	Sampled
RW-2	07/21/22	3368.32	58.70	45.93	45.95	0.02	NA	Sheen	10	3322.39	
RW-2	08/18/22	3368.32	58.70	Sheen	46.09	Sheen	NA	NA	NA	3322.23	
RW-2	09/21/22	3368.32	58.70	ND	46.15	ND	NA	NA	10	3322.17	
RW-2	09/28/22	3368.32	58.70	46.14	46.16	0.02	NA	2	8	3322.18	

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								PSH	H_2O		
RW-2	10/07/22	3368.32	58.70	Sheen	46.18	Sheen	NA	2	8	3322.14	
RW-2	10/19/22	3368.32	58.70	Sheen	46.24	Sheen	NA	Sheen	10	3322.08	
RW-2	11/15/22	3368.32	58.70	ND	46.15	ND	NA	ND	10	3322.17	
RW-2	12/06/22	3368.32	58.70	46.01	46.03	0.02	NA	2	8	3322.31	
RW-2	12/29/22	3368.32	58.70	46.03	46.05	0.02	NA	ND	10	3322.29	
RW-3	01/04/18	3369.05	59.57	Sheen	47.85	Sheen	NA	NA	NA	3321.20	
RW-3	01/10/18	3369.05	59.57	Sheen	47.40	Sheen	NA	NA	NA	3321.65	
RW-3	01/18/18	3369.05	59.57	Sheen	47.73	Sheen	NA	NA	NA	3321.32	
RW-3	01/25/18	3369.05	59.57	Sheen	47.63	Sheen	NA	NA	NA	3321.42	
RW-3	02/01/18	3369.05	59.57	ND	47.15	ND	NA	NA	NA	3321.90	
RW-3	02/14/18	3369.05	59.57	ND	47.51	ND	NA	NA	NA	3321.54	
RW-3	02/21/18	3369.05	59.57	ND	47.60	ND	NA	NA	NA	3321.45	
RW-3	02/28/18	3369.05	59.57	ND	47.30	ND	NA	NA	NA	3321.75	
RW-3	03/07/18	3369.05	59.57	47.10	47.12	0.02	NA	NA	NA	3321.95	
RW-3	03/15/18	3369.05	59.57	Sheen	47.37	Sheen	NA	NA	NA	3321.68	
RW-3	03/22/18	3369.05	59.57	Sheen	47.50	Sheen	NA	NA	NA	3321.55	
RW-3	03/28/18	3369.05	59.57	Sheen	47.39	Sheen	NA	NA	NA	3321.66	
RW-3	04/04/18	3369.05	59.57	Sheen	47.49	Sheen	NA	NA	NA	3321.56	
RW-3	04/11/18	3369.05	59.57	Sheen	47.49	Sheen	NA	NA	NA	3321.56	
RW-3	04/19/18	3369.05	59.57	Sheen	47.44	Sheen	NA	NA	NA	3321.61	
RW-3	04/24/18	3369.05	59.57	Sheen	47.50	Sheen	NA	NA	NA	3321.55	
RW-3	05/09/18	3369.05	59.57	Sheen	47.32	Sheen	NA	NA	NA	3321.73	
RW-3	05/15/18	3369.05	59.57	Sheen	47.25	Sheen	NA	NA	NA	3321.80	
RW-3	05/22/18	3369.05	59.57	Sheen	47.22	Sheen	NA	NA	NA	3321.83	
RW-3	05/30/18	3369.05	59.57	Sheen	47.17	Sheen	NA	NA	NA	3321.88	
RW-3	06/05/18	3369.05	59.57	Sheen	47.17	Sheen	NA	Sheen	25.00	3321.88	Sampled
RW-3	06/13/18	3369.05	59.57	Sheen	47.20	Sheen	NA	NA	NA	3321.85	
RW-3	06/19/18	3369.05	59.57	Sheen	47.18	Sheen	NA	NA	NA	3321.87	
RW-3	06/29/18	3369.05	59.57	Sheen	47.20	Sheen	NA	NA	NA	3321.85	
RW-3	07/05/18	3369.05	59.57	ND	47.22	ND	NA	NA	NA	3321.83	
RW-3	07/11/18	3369.05	59.57	Sheen	47.20	Sheen	NA	NA	NA	3321.85	
RW-3	07/18/18	3369.05	59.57	Sheen	47.13	Sheen	NA	NA	NA	3321.92	
RW-3	07/26/18	3369.05	59.57	Sheen	47.18	Sheen	NA	NA	NA	3321.87	
RW-3	07/31/18	3369.05	59.57	47.19	47.20	0.01	NA	NA	NA	3321.86	
RW-3	08/07/18	3369.05	59.57	47.16	47.17	0.01	NA	NA	NA	3321.89	

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	08/14/18	3369.05	59.57	47.15	47.16	0.01	NA	Sheen	10.00	3321.90	
RW-3	08/21/18	3369.05	59.57	Sheen	47.16	Sheen	NA	NA	NA	3321.89	
RW-3	08/30/18	3369.05	59.57	Sheen	47.21	Sheen	NA	NA	NA	3321.84	
RW-3	09/06/18	3369.05	59.57	Sheen	47.18	Sheen	NA	NA	NA	3321.87	
RW-3	09/26/18	3369.05	59.57	47.16	47.18	0.02	NA	Sheen	10.00	3321.89	
RW-3	10/03/18	3369.05	59.57	47.18	47.19	0.01	NA	Sheen	10.00	3321.87	
RW-3	10/11/18	3369.05	59.57	47.19	47.20	0.01	NA	NA	NA	3321.86	
RW-3	10/17/18	3369.05	59.57	46.77	46.79	0.02	NA	NA	NA	3322.28	
RW-3	10/24/18	3369.05	59.57	Sheen	46.81	Sheen	NA	NA	NA	3322.24	
RW-3	10/31/18	3369.05	59.57	Sheen	47.06	Sheen	NA	NA	NA	3321.99	
RW-3	11/06/18	3369.05	59.57	47.10	47.11	0.01	NA	NA	NA	3321.95	
RW-3	11/13/18	3369.05	59.57	47.13	47.14	0.01	NA	Sheen	10.00	3321.92	
RW-3	11/21/18	3369.05	59.57	47.04	47.05	0.01	NA	Sheen	10.00	3322.01	
RW-3	11/28/18	3369.05	59.57	46.85	46.86	0.01	NA	Sheen	10.00	3322.20	
RW-3	12/07/18	3369.05	59.57	46.87	46.90	0.03	NA	Sheen	10.00	3322.18	
RW-3	12/12/18	3369.05	59.57	46.88	46.89	0.01	NA	Sheen	10.00	3322.17	
RW-3	12/18/18	3369.05	59.57	Sheen	46.90	Sheen	NA	NA	NA	3322.15	
RW-3	01/03/19	3369.05	59.57	46.91	46.92	0.01	NA	Sheen	10.00	3322.14	
RW-3	01/08/19	3369.05	59.57	46.93	46.94	0.01	NA	NA	NA	3322.12	
RW-3	01/17/19	3369.05	59.57	ND	46.83	ND	NA	NA	NA	3322.22	
RW-3	01/22/19	3369.05	59.57	ND	46.90	ND	NA	NA	NA	3322.15	
RW-3	01/29/19	3369.05	59.57	Sheen	46.84	Sheen	NA	NA	NA	3322.21	
RW-3	02/05/19	3369.05	59.57	46.90	46.91	0.01	NA	NA	NA	3322.15	
RW-3	02/12/19	3369.05	59.57	46.79	46.80	0.01	NA	NA	NA	3322.26	
RW-3	02/22/19	3369.05	59.57	ND	46.82	ND	NA	NA	NA	3322.23	
RW-3	02/27/19	3369.05	59.57	46.88	46.89	0.01	NA	NA	NA	3322.17	
RW-3	03/06/19	3369.05	59.57	46.90	46.91	0.01	NA	NA	NA	3322.15	
RW-3	03/12/19	3369.05	59.57	46.91	46.92	0.01	NA	NA	NA	3322.14	
RW-3	03/22/19	3369.05	59.57	46.90	46.91	0.01	NA	NA	NA	3322.15	
RW-3	03/28/19	3369.05	59.57	46.68	46.69	0.01	NA	NA	NA	3322.37	
RW-3	04/02/19	3369.05	59.57	Sheen	46.55	Sheen	NA	NA	NA	3322.50	
RW-3	04/10/19	3369.05	59.57	Sheen	46.53	Sheen	NA	NA	NA	3322.52	
RW-3	04/16/19	3369.05	59.57	Sheen	46.58	Sheen	NA	NA	NA	3322.47	
RW-3	04/24/19	3369.05	59.57	Sheen	26.61	Sheen	NA	Sheen	10.00	3342.44	
RW-3	05/01/19	3369.05	59.57	Sheen	46.56	Sheen	NA	NA	NA	3322.49	
RW-3	05/09/19	3369.05	59.57	Sheen	46.74	Sheen	NA	Sheen	10.00	3322.31	Sampled

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	05/17/19	3369.05	59.57	Sheen	46.78	Sheen	NA	NA	NA	3322.27	
RW-3	05/24/19	3369.05	59.57	Sheen	46.80	Sheen	NA	NA	NA	3322.25	
RW-3	06/05/19	3369.05	59.57	Sheen	46.82	Sheen	NA	NA	NA	3322.23	PUMP
RW-3	06/14/19	3369.05	59.57	ND	46.61	ND	NA	NA	NA	3322.44	PUMP
RW-3	06/20/19	3369.05	59.57	Sheen	46.85	Sheen	NA	NA	NA	3322.20	PUMP
RW-3	06/25/19	3369.05	59.57	ND	46.62	ND	NA	NA	NA	3322.43	PUMP
RW-3	07/02/19	3369.05	59.57	ND	46.64	ND	NA	NA	NA	3322.41	PUMP
RW-3	07/10/19	3369.05	59.57	ND	46.60	ND	NA	NA	NA	3322.45	PUMP
RW-3	07/26/19	3369.05	59.57	46.61	46.62	0.01	NA	NA	NA	3322.44	PUMP
RW-3	08/11/19	3369.05	59.57	46.77	46.79	0.02	NA	NA	NA	3322.28	PUMP
RW-3	08/14/19	3369.05	59.57	Sheen	46.83	Sheen	NA	NA	NA	3322.22	PUMP
RW-3	08/21/19	3369.05	59.57	46.77	46.78	0.01	NA	NA	NA	3322.28	PUMP
RW-3	09/06/19	3369.05	59.57	Sheen	46.90	Sheen	NA	NA	NA	3322.15	PUMP
RW-3	09/12/19	3369.05	59.57	46.88	46.89	0.01	NA	NA	NA	3322.17	PUMP
RW-3	09/19/19	3369.05	59.57	Sheen	46.85	Sheen	NA	NA	NA	3322.20	PUMP
RW-3	10/08/19	3369.05	59.57	Sheen	46.78	Sheen	NA	NA	NA	3322.27	PUMP
RW-3	10/16/19	3369.05	59.57	Sheen	46.81	Sheen	NA	NA	NA	3322.24	PUMP
RW-3	10/23/19	3369.05	59.57	46.70	46.72	0.02	NA	NA	NA	3322.35	PUMP
RW-3	10/31/19	3369.05	59.57	46.81	46.82	0.01	NA	NA	NA	3322.24	PUMP
RW-3	11/05/19	3369.05	59.57	46.76	46.77	0.01	NA	Sheen	10.00	3322.29	
RW-3	11/14/19	3369.05	59.57	46.81	46.82	0.01	NA	NA	NA	3322.24	PUMP
RW-3	11/26/19	3369.05	59.57	46.80	46.83	0.03	NA	NA	NA	3322.25	PUMP
RW-3	12/04/19	3369.05	59.57	46.84	46.85	0.01	NA	NA	NA	3322.21	PUMP
RW-3	12/13/19	3369.05	59.57	46.61	46.65	0.04	NA	NA	NA	3322.43	PUMP
RW-3	12/20/19	3369.05	59.57	46.68	46.72	0.04	NA	NA	NA	3322.36	PUMP
RW-3	12/26/19	3369.05	59.57	46.65	46.71	0.06	NA	NA	NA	3322.39	PUMP
RW-3	01/02/20	3369.05	59.57	46.72	46.76	0.04	NA	NA	NA	3322.32	PUMP
RW-3	01/09/20	3369.05	59.57	46.56	46.60	0.04	NA	NA	NA	3322.48	PUMP
RW-3	01/14/20	3369.05	59.57	46.52	46.58	0.06	NA	NA	NA	3322.52	PUMP
RW-3	01/30/20	3369.05	59.57	Sheen	46.61	Sheen	NA	NA	NA	3322.44	PUMP
RW-3	02/07/20	3369.05	59.57	Sheen	46.58	Sheen	NA	NA	NA	3322.47	PUMP
RW-3	02/12/20	3369.05	59.57	46.51	46.52	0.01	NA	NA	NA	3322.54	PUMP
RW-3	02/19/20	3369.05	59.57	46.51	46.52	0.01	NA	NA	NA	3322.54	PUMP
RW-3	02/26/20	3369.05	59.57	46.68	46.72	0.04	NA	Sheen	10.00	3322.36	
RW-3	03/05/20	3369.05	59.57	46.60	46.72	0.12	NA	NA	NA	3322.43	PUMP
RW-3	03/11/20	3369.05	59.57	46.60	46.72	0.12	NA	NA	NA	3322.43	PUMP

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	03/17/20	3369.05	59.57	46.54	46.72	0.18	NA	NA	NA	3322.48	PUMP
RW-3	03/23/20	3369.05	59.57	Sheen	46.44	Sheen	NA	NA	NA	3322.61	PUMP
RW-3	05/07/20	3369.05	59.57	46.10	46.32	0.22	NA	NA	NA	3322.92	PUMP
RW-3	05/20/20	3369.05	59.57	46.26	46.38	0.12	NA	NA	NA	3322.77	PUMP
RW-3	06/03/20	3369.05	59.57	46.25	46.33	0.08	NA	NA	NA	3322.79	PUMP
RW-3	06/24/20	3369.05	59.57	Sheen	46.46	Sheen	NA	NA	NA	3322.59	PUMP
RW-3	07/01/20	3369.05	59.57	46.23	46.30	0.07	NA	NA	NA	3322.81	PUMP
RW-3	07/14/20	3369.05	59.57	Sheen	46.40	Sheen	NA	NA	NA	3322.65	PUMP
RW-3	07/29/20	3369.05	59.57	Sheen	46.36	Sheen	NA	NA	NA	3322.69	PUMP
RW-3	08/13/20	3369.05	59.57	Sheen	46.40	Sheen	NA	NA	NA	3322.65	PUMP
RW-3	08/25/20	3369.05	59.57	ND	46.36	ND	NA	NA	NA	3322.69	PUMP
RW-3	09/16/20	3369.05	59.57	sheen	46.61	sheen	NA	NA	NA	3322.44	PUMP
RW-3	09/24/20	3369.05	59.57	Sheen	46.53	Sheen	NA	NA	NA	3322.52	PUMP
RW-3	10/29/20	3369.05	59.57	46.58	46.61	0.03	NA	NA	NA	3322.47	PUMP
RW-3	11/10/20	3369.05	59.57	46.60	46.62	0.02	NA	NA	NA	3322.45	PUMP
RW-3	11/24/20	3369.05	59.57	46.42	46.48	0.06	NA	NA	NA	3322.62	PUMP
RW-3	12/08/20	3369.05	59.57	46.48	46.59	0.11	NA	NA	NA	3322.55	PUMP
RW-3	12/22/20	3369.05	59.57	46.32	46.48	0.16	NA	NA	NA	3322.71	PUMP
RW-3	01/05/21	3369.05	59.57	46.45	46.49	0.04	NA	Sheen	15	3322.59	PUMP
RW-3	01/19/21	3369.05	59.57	46.36	46.62	0.26	NA	NA	NA	3322.65	PUMP
RW-3	02/02/21	3369.05	59.57	46.41	46.42	0.01	NA	NA	NA	3322.64	PUMP
RW-3	02/10/21	3369.05	59.57	46.32	46.38	0.06	NA	NA	NA	3322.72	PUMP
RW-3	02/25/21	3369.05	59.57	46.30	46.42	0.12	NA	NA	NA	3322.73	PUMP
RW-3	03/02/21	3369.05	59.57	46.28	46.31	0.03	NA	NA	NA	3322.77	PUMP
RW-3	03/16/21	3369.05	59.57	46.20	46.29	0.09	NA	Sheen	10	3322.84	PUMP
RW-3	03/31/21	3369.05	59.57	Sheen	46.50	Sheen	NA	NA	NA	3322.55	PUMP
RW-3	04/16/21	3369.05	59.57	Sheen	46.40	Sheen	NA	NA	NA	3322.65	PUMP
RW-3	04/26/21	3369.05	59.57	Sheen	46.38	Sheen	NA	NA	NA	3322.67	PUMP
RW-3	05/14/21	3369.05	59.57	ND	46.41	ND	NA	NA	NA	3322.64	PUMP
RW-3	05/27/21	3369.05	59.57	ND	46.37	ND	NA	NA	NA	3322.68	PUMP
RW-3	06/11/21	3369.05	59.57	46.19	47.25	1.06	NA	NA	NA	3322.70	PUMP
RW-3	06/24/21	3369.05	59.57	46.23	46.32	0.09	NA	NA	NA	3322.81	PUMP
RW-3	07/08/21	3369.05	59.57	Sheen	46.26	Sheen	NA	NA	NA	3322.79	PUMP
RW-3	07/23/21	3369.05	59.57	ND	46.40	ND	NA	NA	NA	3322.65	PUMP
RW-3	08/13/21	3369.05	59.57	Sheen	46.42	Sheen	NA	NA	NA	3322.63	PUMP
RW-3	08/26/21	3369.05	59.57	46.44	46.50	0.06	NA	NA	NA	3322.60	PUMP

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	08/31/21	3369.05	59.57	46.35	46.37	0.02	NA	NA	NA	3322.70	PUMP
RW-3	09/10/21	3369.05	59.57	46.37	46.38	0.01	NA	NA	NA	3322.68	PUMP
RW-3	09/30/21	3369.05	59.57	46.40	46.48	0.08	NA	NA	NA	3322.64	PUMP
RW-3	10/07/21	3369.05	59.57	46.43	46.44	0.01	NA	NA	NA	3322.62	PUMP
RW-3	10/21/21	3369.05	59.57	46.44	46.46	0.02	NA	NA	NA	3322.61	PUMP
RW-3	10/27/21	3369.05	59.57	46.38	46.45	0.07	NA	NA	NA	3322.66	PUMP
RW-3	11/04/21	3369.05	59.57	46.55	46.56	0.01	NA	NA	NA	3322.50	PUMP
RW-3	11/17/21	3369.05	59.57	46.48	46.50	0.02	NA	NA	NA	3322.57	PUMP
RW-3	12/03/21	3369.05	59.57	46.30	46.38	0.08	NA	NA	NA	3322.74	PUMP
RW-3	12/14/21	3369.05	59.57	46.46	46.47	0.01	NA	NA	NA	3322.59	PUMP
RW-3	12/31/21	3369.05	59.57	ND	46.49	ND	NA	NA	NA	3322.56	PUMP
RW-3	01/27/22	3369.05	59.57	46.35	46.37	0.02	NA	NA	NA	3322.70	PUMP
RW-3	02/10/22	3369.05	59.57	46.38	46.41	0.03	NA	NA	NA	3322.67	PUMP
RW-3	02/25/22	3369.05	59.57	46.30	46.84	0.54	NA	NA	NA	3322.67	PUMP
RW-3	03/23/22	3369.05	59.57	46.34	46.40	0.06	NA	NA	NA	3322.70	PUMP
RW-3	03/31/22	3369.05	59.57	46.24	46.78	0.54	NA	NA	NA	3322.73	PUMP
RW-3	04/05/22	3369.05	59.57	46.38	46.40	0.02	NA	NA	NA	3322.67	PUMP
RW-3	04/13/22	3369.05	59.57	46.34	46.45	0.11	NA	NA	NA	3322.69	PUMP
RW-3	04/28/22	3369.05	59.57	46.25	46.34	0.09	NA	NA	NA	3322.79	PUMP
RW-3	05/12/22	3369.05	59.57	46.42	46.47	0.05	NA	NA	NA	3322.62	PUMP
RW-3	05/24/22	3369.05	59.57	46.38	46.44	0.06	NA	NA	NA	3322.66	PUMP
RW-3	06/17/22	3369.05	59.57	46.41	46.48	0.07	NA	NA	NA	3322.63	PUMP
RW-3	06/22/22	3369.05	59.57	46.39	46.44	0.05	NA	NA	NA	3322.65	PUMP
RW-3	07/21/22	3369.05	59.57	46.40	46.42	0.02	NA	NA	NA	3322.65	PUMP
RW-3	08/18/22	3369.05	59.57	46.46	46.49	0.03	NA	NA	NA	3322.59	PUMP
RW-3	09/21/22	3369.05	59.57	46.59	46.62	0.03	NA	NA	NA	3322.46	PUMP
RW-3	09/28/22	3369.05	59.57	46.51	46.54	0.03	NA	NA	NA	3322.54	PUMP
RW-3	10/07/22	3369.05	59.57	46.68	46.69	0.01	NA	NA	NA	3322.37	PUMP
RW-3	10/19/22	3369.05	59.57	46.66	46.71	0.05	NA	NA	NA	3322.38	PUMP
RW-3	11/15/22	3369.05	59.57	46.51	46.59	0.08	NA	NA	NA	3322.53	PUMP
RW-3	12/06/22	3369.05	59.57	46.53	46.56	0.03	NA	NA	NA	3322.52	PUMP
RW-3	12/29/22	3369.05	59.57	ND	46.56	ND	NA	NA	NA	3322.49	PUMP
RW-4	01/04/18	3367.11	57.63	Sheen	46.53	Sheen	NA	Sheen	10.00	3320.58	
RW-4	01/10/18	3367.11	57.63	ND	46.36	ND	NA	NA	NA	3320.75	
RW-4	01/18/18	3367.11	57.63	Sheen	46.39	Sheen	NA	NA	NA	3320.72	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-4	01/25/18	3367.11	57.63	Sheen	46.28	Sheen	NA	NA	NA	3320.83	
RW-4	02/01/18	3367.11	57.63	Sheen	46.30	Sheen	NA	NA	NA	3320.81	
RW-4	02/14/18	3367.11	57.63	Sheen	46.15	Sheen	NA	NA	NA	3320.96	
RW-4	02/21/18	3367.11	57.63	Sheen	46.20	Sheen	NA	Sheen	10.00	3320.91	
RW-4	02/28/18	3367.11	57.63	Sheen	46.05	Sheen	NA	Sheen	10.00	3321.06	
RW-4	03/07/18	3367.11	57.63	ND	46.10	ND	NA	NA	NA	3321.01	Sampled
RW-4	03/15/18	3367.11	57.63	Sheen	46.02	Sheen	NA	NA	10.00	3321.09	
RW-4	03/22/18	3367.11	57.63	Sheen	46.14	Sheen	NA	NA	NA	3320.97	
RW-4	03/28/18	3367.11	57.63	ND	46.06	ND	NA	NA	10.00	3321.05	
RW-4	04/04/18	3367.11	57.63	ND	46.19	ND	NA	NA	10.00	3320.92	
RW-4	04/11/18	3367.11	57.63	ND	46.10	ND	NA	NA	NA	3321.01	
RW-4	04/19/18	3367.11	57.63	ND	46.15	ND	NA	NA	NA	3320.96	
RW-4	04/24/18	3367.11	57.63	ND	46.18	ND	NA	NA	NA	3320.93	
RW-4	05/09/18	3367.11	57.63	ND	46.02	ND	NA	NA	NA	3321.09	
RW-4	05/15/18	3367.11	57.63	Sheen	45.90	Sheen	NA	NA	10.00	3321.21	
RW-4	05/22/18	3367.11	57.63	ND	45.86	ND	NA	NA	NA	3321.25	
RW-4	05/30/18	3367.11	57.63	ND	45.84	ND	NA	NA	NA	3321.27	
RW-4	06/05/18	3367.11	57.63	Sheen	45.87	Sheen	NA	Sheen	24.00	3321.24	Sampled
RW-4	06/13/18	3367.11	57.63	ND	45.91	ND	NA	NA	NA	3321.20	
RW-4	06/19/18	3367.11	57.63	ND	45.90	ND	NA	NA	NA	3321.21	
RW-4	06/29/18	3367.11	57.63	Sheen	45.87	Sheen	NA	NA	10.00	3321.24	
RW-4	07/05/18	3367.11	57.63	ND	45.92	ND	NA	NA	NA	3321.19	
RW-4	07/11/18	3367.11	57.63	ND	45.88	ND	NA	NA	NA	3321.23	
RW-4	07/18/18	3367.11	57.63	ND	45.85	ND	NA	NA	NA	3321.26	
RW-4	07/26/18	3367.11	57.63	ND	45.85	ND	NA	NA	NA	3321.26	
RW-4	07/31/18	3367.11	57.63	ND	45.82	ND	NA	NA	NA	3321.29	
RW-4	08/07/18	3367.11	57.63	ND	45.82	ND	NA	NA	NA	3321.29	
RW-4	08/14/18	3367.11	57.63	Sheen	45.80	Sheen	NA	Sheen	10.00	3321.31	
RW-4	08/21/18	3367.11	57.63	ND	45.80	ND	NA	NA	NA	3321.31	
RW-4	08/30/18	3367.11	57.63	Sheen	45.84	Sheen	NA	NA	NA	3321.27	
RW-4	09/06/18	3367.11	57.63	45.85	45.86	0.01	NA	NA	NA	3321.26	
RW-4	09/26/18	3367.11	57.63	Sheen	45.84	Sheen	NA	NA	NA	3321.27	
RW-4	10/03/18	3367.11	57.63	Sheen	45.85	Sheen	NA	Sheen	10.00	3321.26	
RW-4	10/11/18	3367.11	57.63	ND	45.86	ND	NA	NA	NA	3321.25	
RW-4	10/17/18	3367.11	57.63	Sheen	45.32	Sheen	NA	Sheen	10.00	3321.79	
RW-4	10/24/18	3367.11	57.63	Sheen	45.71	Sheen	NA	Sheen	10.00	3321.40	

TABLE 2
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-4	10/31/18	3367.11	57.63	ND	45.68	ND	NA	NA	NA	3321.43	
RW-4	11/06/18	3367.11	57.63	ND	45.75	ND	NA	NA	NA	3321.36	
RW-4	11/13/18	3367.11	57.63	Sheen	45.78	Sheen	NA	Sheen	10.00	3321.33	
RW-4	11/21/18	3367.11	57.63	Sheen	45.63	Sheen	NA	NA	NA	3321.48	
RW-4	11/28/18	3367.11	57.63	ND	45.51	ND	NA	NA	NA	3321.60	
RW-4	12/07/18	3367.11	57.63	Sheen	45.50	Sheen	NA	NA	NA	3321.61	
RW-4	12/12/18	3367.11	57.63	ND	45.52	ND	NA	NA	NA	3321.59	
RW-4	12/18/18	3367.11	57.63	ND	45.50	ND	NA	NA	NA	3321.61	
RW-4	01/03/19	3367.11	57.63	ND	45.53	ND	NA	NA	NA	3321.58	
RW-4	01/08/19	3367.11	57.63	45.60	45.61	0.01	NA	Sheen	10.00	3321.51	
RW-4	01/17/19	3367.11	57.63	ND	45.49	ND	NA	NA	10.00	3321.62	
RW-4	01/22/19	3367.11	57.63	ND	45.58	ND	NA	NA	10.00	3321.53	
RW-4	01/29/19	3367.11	57.63	Sheen	45.51	Sheen	NA	Sheen	10.00	3321.60	
RW-4	02/05/19	3367.11	57.63	ND	45.56	ND	NA	NA	NA	3321.55	
RW-4	02/12/19	3367.11	57.63	45.45	45.47	0.02	NA	NA	NA	3321.66	
RW-4	02/22/19	3367.11	57.63	ND	45.48	ND	NA	NA	NA	3321.63	
RW-4	02/27/19	3367.11	57.63	ND	45.50	ND	NA	NA	NA	3321.61	
RW-4	03/05/19	3367.11	57.63	Sheen	45.56	Sheen	NA	NA	10.00	3321.55	
RW-4	03/12/19	3367.11	57.63	Sheen	45.58	Sheen	NA	NA	NA	3321.53	
RW-4	03/22/19	3367.11	57.63	46.60	46.61	0.01	NA	Sheen	10.00	3320.51	
RW-4	03/28/19	3367.11	57.63	45.38	45.39	0.01	NA	Sheen	10.00	3321.73	
RW-4	04/02/19	3367.11	57.63	Sheen	45.30	Sheen	NA	NA	NA	3321.81	
RW-4	04/10/19	3367.11	57.63	Sheen	45.22	Sheen	NA	NA	NA	3321.89	
RW-4	04/16/19	3367.11	57.63	Sheen	45.25	Sheen	NA	NA	NA	3321.86	
RW-4	04/24/19	3367.11	57.63	ND	45.27	ND	NA	NA	NA	3321.84	
RW-4	05/01/19	3367.11	57.63	Sheen	45.12	Sheen	NA	NA	NA	3321.99	
RW-4	05/09/19	3367.11	57.63	ND	45.46	ND	NA	NA	NA	3321.65	
RW-4	05/17/19	3367.11	57.63	ND	45.50	ND	NA	NA	NA	3321.61	
RW-4	05/24/19	3367.11	57.63	ND	45.49	ND	NA	NA	NA	3321.62	
RW-4	06/05/19	3367.11	57.63	ND	45.49	ND	NA	NA	NA	3321.62	
RW-4	06/14/19	3367.11	57.63	ND	45.30	ND	NA	NA	NA	3321.81	
RW-4	06/20/19	3367.11	57.63	Sheen	45.50	Sheen	NA	NA	10.00	3321.61	
RW-4	06/25/19	3367.11	57.63	ND	45.34	ND	NA	NA	NA	3321.77	
RW-4	07/02/19	3367.11	57.63	Sheen	45.35	Sheen	NA	NA	10.00	3321.76	
RW-4	07/10/19	3367.11	57.63	ND	45.40	ND	NA	NA	10.00	3321.71	
RW-4	07/26/19	3367.11	57.63	ND	45.30	ND	NA	NA	NA	3321.81	

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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-4	08/11/19	3367.11	57.63	Sheen	45.46	Sheen	NA	Sheen	10.00	3321.65	
RW-4	08/14/19	3367.11	57.63	Sheen	45.52	Sheen	NA	Sheen	10.00	3321.59	
RW-4	08/21/19	3367.11	57.63	Sheen	45.40	Sheen	NA	NA	NA	3321.71	
RW-4	09/06/19	3367.11	57.63	ND	45.48	ND	NA	NA	NA	3321.63	
RW-4	09/12/19	3367.11	57.63	ND	45.51	ND	NA	NA	NA	3321.60	
RW-4	09/19/19	3367.11	57.63	ND	43.48	ND	NA	NA	NA	3323.63	
RW-4	10/08/19	3367.11	57.63	Sheen	45.48	Sheen	NA	NA	NA	3321.63	
RW-4	10/16/19	3367.11	57.63	ND	45.53	ND	NA	NA	NA	3321.58	
RW-4	10/23/19	3367.11	57.63	ND	45.42	ND	NA	NA	NA	3321.69	
RW-4	10/31/19	3367.11	57.63	ND	45.49	ND	NA	NA	NA	3321.62	
RW-4	11/05/19	3367.11	57.63	ND	45.50	ND	NA	NA	NA	3321.61	
RW-4	11/14/19	3367.11	57.63	45.50	45.52	0.02	NA	Sheen	10	3321.61	
RW-4	11/26/19	3367.11	57.63	ND	45.31	ND	NA	NA	NA	3321.80	
RW-4	12/04/19	3367.11	57.63	45.36	45.37	0.01	NA	Sheen	10	3321.75	
RW-4	12/13/19	3367.11	57.63	ND	45.31	ND	NA	NA	NA	3321.80	
RW-4	12/20/19	3367.11	57.63	ND	45.39	ND	NA	NA	NA	3321.72	
RW-4	12/26/19	3367.11	57.63	ND	45.35	ND	NA	NA	NA	3321.76	
RW-4	01/02/20	3367.11	57.63	ND	45.38	ND	NA	NA	NA	3321.73	
RW-4	01/09/20	3367.11	57.63	ND	45.28	ND	NA	NA	NA	3321.83	
RW-4	01/14/20	3367.11	57.63	ND	45.32	ND	NA	NA	NA	3321.79	
RW-4	01/30/20	3367.11	57.63	ND	45.25	ND	NA	NA	NA	3321.86	
RW-4	02/07/20	3367.11	57.63	ND	45.28	ND	NA	NA	NA	3321.83	
RW-4	02/12/20	3367.11	57.63	ND	45.20	ND	NA	NA	NA	3321.91	
RW-4	02/19/20	3367.11	57.63	Sheen	45.22	Sheen	NA	Sheen	10	3321.89	
RW-4	02/26/20	3367.11	57.63	Sheen	45.35	Sheen	NA	Sheen	10.00	3321.76	
RW-4	03/05/20	3367.11	57.63	Sheen	45.28	Sheen	NA	Sheen	10	3321.83	
RW-4	03/11/20	3367.11	57.63	Sheen	45.20	Sheen	NA	Sheen	10	3321.91	
RW-4	03/17/20	3367.11	57.63	Sheen	45.21	Sheen	NA	Sheen	10	3321.90	Sampled
RW-4	03/23/20	3367.11	57.63	Sheen	45.21	Sheen	NA	Sheen	10	3321.90	
RW-4	05/07/20	3367.11	57.63	Sheen	45.14	Sheen	NA	Sheen	10	3321.97	
RW-4	05/20/20	3367.11	57.63	ND	45.02	ND	NA	NA	NA	3322.09	
RW-4	06/03/20	3367.11	57.63	Sheen	45.02	Sheen	NA	Sheen	10	3322.09	
RW-4	06/24/20	3367.11	57.63	Sheen	45.13	Sheen	NA	NA	NA	3321.98	
RW-4	07/01/20	3367.11	57.63	ND	45.12	ND	NA	Sheen	10	3321.99	
RW-4	07/14/20	3367.11	57.63	ND	45.09	ND	NA	Sheen	10	3322.02	
RW-4	07/29/20	3367.11	57.63	ND	45.05	ND	NA	NA	NA	3322.06	

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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-4	08/13/20	3367.11	57.63	ND	45.10	ND	NA	NA	NA	3322.01	
RW-4	08/25/20	3367.11	57.63	ND	45.20	ND	NA	NA	NA	3321.91	
RW-4	09/16/20	3367.11	57.63	Sheen	45.28	Sheen	NA	Sheen	10	3321.83	
RW-4	09/24/20	3367.11	57.63	Sheen	45.19	Sheen	NA	Sheen	10	3321.92	
RW-4	10/29/20	3367.11	57.63	45.30	45.31	0.01	NA	Sheen	10	3321.81	
RW-4	11/10/20	3367.11	57.63	45.34	45.35	0.01	NA	Sheen	10	3321.77	
RW-4	11/24/20	3367.11	57.63	Sheen	45.22	Sheen	NA	Sheen	10	3321.89	
RW-4	12/08/20	3367.11	57.63	Sheen	45.26	Sheen	NA	Sheen	10	3321.85	
RW-4	12/22/20	3367.11	57.63	Sheen	45.15	Sheen	NA	Sheen	10	3321.96	
RW-4	01/05/21	3367.11	57.63	Sheen	45.16	Sheen	NA	Sheen	15	3321.95	
RW-4	01/19/21	3367.11	57.63	ND	45.27	ND	NA	NA	10	3321.84	
RW-4	02/02/21	3367.11	57.63	Sheen	45.10	Sheen	NA	NA	NA	3322.01	
RW-4	02/10/21	3367.11	57.63	ND	45.07	ND	NA	Sheen	10	3322.04	
RW-4	02/25/21	3367.11	57.63	ND	45.12	ND	NA	Sheen	10	3321.99	
RW-4	03/02/21	3367.11	57.63	ND	45.08	ND	NA	Sheen	10	3322.03	
RW-4	03/16/21	3367.11	57.63	Sheen	44.98	Sheen	NA	Sheen	10	3322.13	Sampled
RW-4	03/31/21	3367.11	57.63	Sheen	45.22	Sheen	NA	Sheen	10	3321.89	
RW-4	04/16/21	3367.11	57.63	ND	45.08	ND	NA	NA	10	3322.03	
RW-4	04/26/21	3367.11	57.63	ND	45.12	ND	NA	NA	10	3321.99	
RW-4	05/14/21	3367.11	57.63	ND	45.19	ND	NA	NA	10	3321.92	
RW-4	05/27/21	3367.11	57.63	ND	45.20	ND	NA	NA	10	3321.91	
RW-4	06/11/21	3367.11	57.63	Sheen	44.96	Sheen	NA	NA	10	3322.15	
RW-4	06/24/21	3367.11	57.63	Sheen	44.92	Sheen	NA	NA	10	3322.19	
RW-4	07/08/21	3367.11	57.63	ND	45.28	ND	NA	NA	10	3321.83	
RW-4	07/23/21	3367.11	57.63	ND	45.34	ND	NA	NA	10	3321.77	
RW-4	08/13/21	3367.11	57.63	ND	45.27	ND	NA	NA	10	3321.84	
RW-4	08/26/21	3367.11	57.63	Sheen	45.12	Sheen	NA	NA	10	3321.99	
RW-4	08/31/21	3367.11	57.63	Sheen	45.08	Sheen	NA	NA	10	3322.03	
RW-4	09/10/21	3367.11	57.63	ND	45.12	ND	NA	NA	10	3321.99	
RW-4	09/30/21	3367.11	57.63	ND	45.10	ND	NA	NA	10	3322.01	
RW-4	10/07/21	3367.11	57.63	ND	45.10	ND	NA	NA	10	3322.01	
RW-4	10/21/21	3367.11	57.63	ND	45.16	ND	NA	NA	10	3321.95	
RW-4	10/27/21	3367.11	57.63	ND	45.07	ND	NA	NA	10	3322.04	
RW-4	11/04/21	3367.11	57.63	ND	45.15	ND	NA	NA	10	3321.96	
RW-4	11/17/21	3367.11	57.63	ND	45.19	ND	NA	NA	10	3321.92	
RW-4	12/03/21	3367.11	57.63	ND	45.01	ND	NA	NA	10	3322.10	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-4	12/14/21	3367.11	57.63	Sheen	45.10	Sheen	NA	NA	10	3322.01	
RW-4	12/31/21	3367.11	57.63	ND	45.13	ND	NA	NA	10	3321.98	
RW-4	01/27/22	3367.11	57.63	Sheen	45.01	Sheen	NA	Sheen	10	3322.10	
RW-4	02/10/22	3367.11	57.63	Sheen	45.06	Sheen	NA	NA	10	3322.05	
RW-4	02/25/22	3367.11	57.63	ND	45.00	ND	NA	NA	NA	3322.11	
RW-4	03/23/22	3367.11	57.63	44.99	45.00	0.01	NA	NA	10	3322.12	
RW-4	03/31/22	3367.11	57.63	ND	44.83	ND	NA	NA	10	3322.28	
RW-4	04/05/22	3367.11	57.63	ND	45.04	ND	NA	NA	10	3322.07	
RW-4	04/13/22	3367.11	57.63	Sheen	45.01	Sheen	NA	NA	10	3322.10	
RW-4	04/28/22	3367.11	57.63	ND	44.90	ND	NA	NA	10	3322.21	
RW-4	05/12/22	3367.11	57.63	ND	44.97	ND	NA	NA	10	3322.14	
RW-4	05/24/22	3367.11	57.63	Sheen	44.95	Sheen	NA	NA	10	3322.16	
RW-4	06/17/22	3367.11	57.63	Sheen	45.02	Sheen	NA	NA	10	3322.09	
RW-4	06/22/22	3367.11	57.63	Sheen	46.46	Sheen	NA	NA	NA	3320.65	Sampled
RW-4	07/21/22	3367.11	57.63	ND	45.09	ND	NA	NA	NA	3322.02	
RW-4	08/18/22	3367.11	57.63	ND	45.24	ND	NA	NA	NA	3321.87	
RW-4	09/21/22	3367.11	57.63	ND	45.31	ND	NA	NA	NA	3321.80	
RW-4	09/28/22	3367.11	57.63	ND	45.30	ND	NA	NA	NA	3321.81	Sampled
RW-4	10/07/22	3367.11	57.63	ND	45.33	ND	NA	NA	10	3321.78	
RW-4	10/19/22	3367.11	57.63	ND	45.35	ND	NA	NA	NA	3321.76	
RW-4	11/15/22	3367.11	57.63	ND	45.34	ND	NA	NA	NA	3321.77	
RW-4	12/06/22	3367.11	57.63	ND	45.18	ND	NA	NA	NA	3321.93	Sampled
RW-4	12/29/22	3367.11	57.63	ND	45.23	ND	NA	NA	NA	3321.88	Sampled
RW-5	01/04/18	3368.34	59.73	Sheen	47.35	Sheen	NA	Sheen	10.00	3320.99	
RW-5	01/10/18	3368.34	59.73	ND	47.20	ND	NA	NA	NA	3321.14	
RW-5	01/18/18	3368.34	59.73	Sheen	48.19	Sheen	NA	NA	NA	3320.15	
RW-5	01/25/18	3368.34	59.73	Sheen	47.10	Sheen	NA	NA	NA	3321.24	
RW-5	02/01/18	3368.34	59.73	ND	47.10	ND	NA	NA	NA	3321.24	
RW-5	02/14/18	3368.34	59.73	Sheen	46.96	Sheen	NA	NA	NA	3321.38	
RW-5	02/21/18	3368.34	59.73	Sheen	47.03	Sheen	NA	Sheen	10.00	3321.31	
RW-5	02/28/18	3368.34	59.73	Sheen	46.80	Sheen	NA	NA	NA	3321.54	
RW-5	03/07/18	3368.34	59.73	Sheen	46.40	Sheen	NA	NA	NA	3321.94	Sampled
RW-5	03/15/18	3368.34	59.73	Sheen	46.82	Sheen	NA	NA	10.00	3321.52	
RW-5	03/22/18	3368.34	59.73	Sheen	46.95	Sheen	NA	NA	NA	3321.39	
RW-5	03/28/18	3368.34	59.73	Sheen	46.88	Sheen	NA	NA	10.00	3321.46	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-5	04/04/18	3368.34	59.73	Sheen	46.99	Sheen	NA	NA	10.00	3321.35	
RW-5	04/11/18	3368.34	59.73	Sheen	46.92	Sheen	NA	Sheen	10.00	3321.42	
RW-5	04/19/18	3368.34	59.73	Sheen	47.03	Sheen	NA	Sheen	10.00	3321.31	
RW-5	04/24/18	3368.34	59.73	Sheen	46.98	Sheen	NA	Sheen	10.00	3321.36	
RW-5	05/09/18	3368.34	59.73	ND	46.80	ND	NA	NA	NA	3321.54	
RW-5	05/15/18	3368.34	59.73	ND	46.72	ND	NA	NA	NA	3321.62	
RW-5	05/22/18	3368.34	59.73	ND	46.70	ND	NA	NA	NA	3321.64	
RW-5	05/30/18	3368.34	59.73	ND	46.65	ND	NA	NA	NA	3321.69	
RW-5	06/05/18	3368.34	59.73	Sheen	46.67	Sheen	NA	Sheen	26.00	3321.67	Sampled
RW-5	06/13/18	3368.34	59.73	Sheen	46.70	Sheen	NA	Sheen	10.00	3321.64	
RW-5	06/19/18	3368.34	59.73	ND	46.68	ND	NA	NA	NA	3321.66	
RW-5	06/29/18	3368.34	59.73	Sheen	46.67	Sheen	NA	Sheen	10.00	3321.67	
RW-5	07/05/18	3368.34	59.73	ND	46.73	ND	NA	Sheen	10.00	3321.61	
RW-5	07/11/18	3368.34	59.73	ND	46.70	ND	NA	NA	NA	3321.64	
RW-5	07/18/18	3368.34	59.73	Sheen	46.65	Sheen	NA	Sheen	10.00	3321.69	
RW-5	07/26/18	3368.34	59.73	ND	46.68	ND	NA	NA	NA	3321.66	
RW-5	07/31/18	3368.34	59.73	ND	46.67	ND	NA	NA	NA	3321.67	
RW-5	08/07/18	3368.34	59.73	ND	46.65	ND	NA	NA	NA	3321.69	
RW-5	08/14/18	3368.34	59.73	ND	46.60	ND	NA	NA	10.00	3321.74	
RW-5	08/21/18	3368.34	59.73	ND	46.58	ND	NA	NA	NA	3321.76	
RW-5	08/30/18	3368.34	59.73	Sheen	46.61	Sheen	NA	NA	NA	3321.73	
RW-5	09/06/18	3368.34	59.73	Sheen	46.67	Sheen	NA	NA	NA	3321.67	
RW-5	09/26/18	3368.34	59.73	ND	46.62	ND	NA	NA	NA	3321.72	
RW-5	10/03/18	3368.34	59.73	Sheen	46.61	Sheen	NA	Sheen	10.00	3321.73	
RW-5	10/11/18	3368.34	59.73	ND	46.65	ND	NA	NA	NA	3321.69	
RW-5	10/17/18	3368.34	59.73	ND	46.11	ND	NA	NA	NA	3322.23	
RW-5	10/24/18	3368.34	59.73	Sheen	46.54	Sheen	NA	Sheen	10.00	3321.80	
RW-5	10/31/18	3368.34	59.73	ND	46.53	ND	NA	NA	NA	3321.81	
RW-5	11/06/18	3368.34	59.73	ND	46.55	ND	NA	NA	NA	3321.79	
RW-5	11/13/18	3368.34	59.73	ND	46.60	ND	NA	NA	NA	3321.74	
RW-5	11/21/18	3368.34	59.73	Sheen	46.42	Sheen	NA	NA	NA	3321.92	
RW-5	11/28/18	3368.34	59.73	ND	46.33	ND	NA	NA	NA	3322.01	
RW-5	12/07/18	3368.34	59.73	ND	46.30	ND	NA	NA	NA	3322.04	
RW-5	12/12/18	3368.34	59.73	ND	46.30	ND	NA	NA	NA	3322.04	
RW-5	12/18/18	3368.34	59.73	ND	46.33	ND	NA	NA	NA	3322.01	
RW-5	01/03/19	3368.34	59.73	ND	46.38	ND	NA	NA	NA	3321.96	
RW-5	01/08/19	3368.34	59.73	ND	46.48	ND	NA	NA	NA	3321.86	

TABLE 2
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-5	01/17/19	3368.34	59.73	ND	46.30	ND	NA	NA	10.00	3322.04	
RW-5	01/22/19	3368.34	59.73	ND	46.40	ND	NA	NA	10.00	3321.94	
RW-5	01/29/19	3368.34	59.73	ND	46.33	ND	NA	NA	NA	3322.01	
RW-5	02/05/19	3368.34	59.73	ND	46.38	ND	NA	NA	NA	3321.96	
RW-5	02/12/19	3368.34	59.73	46.28	46.29	0.01	NA	NA	NA	3322.06	
RW-5	02/22/19	3368.34	59.73	ND	46.28	ND	NA	Sheen	10.00	3322.06	
RW-5	02/27/19	3368.34	59.73	ND	46.30	ND	NA	NA	NA	3322.04	
RW-5	03/06/19	3368.34	59.73	Sheen	46.35	Sheen	NA	NA	10.00	3321.99	
RW-5	03/12/19	3368.34	59.73	Sheen	46.39	Sheen	NA	NA	NA	3321.95	
RW-5	03/22/19	3368.34	59.73	46.40	46.41	0.01	NA	Sheen	10.00	3321.94	
RW-5	03/28/19	3368.34	59.73	Sheen	46.21	Sheen	NA	NA	NA	3322.13	
RW-5	04/02/19	3368.34	59.73	Sheen	46.10	Sheen	NA	NA	NA	3322.24	
RW-5	04/10/19	3368.34	59.73	ND	46.01	ND	NA	NA	NA	3322.33	
RW-5	04/16/19	3368.34	59.73	Sheen	46.06	Sheen	NA	NA	NA	3322.28	
RW-5	04/24/19	3368.34	59.73	ND	46.10	ND	NA	NA	NA	3322.24	
RW-5	05/01/19	3368.34	59.73	Sheen	46.00	Sheen	NA	NA	NA	3322.34	
RW-5	05/09/19	3368.34	59.73	Sheen	46.25	Sheen	NA	NA	NA	3322.09	
RW-5	05/17/19	3368.34	59.73	ND	46.29	ND	NA	Sheen	10.00	3322.05	
RW-5	05/24/19	3368.34	59.73	ND	46.32	ND	NA	NA	NA	3322.02	
RW-5	06/05/19	3368.34	59.73	ND	46.34	ND	NA	NA	NA	3322.00	
RW-5	06/14/19	3368.34	59.73	ND	46.13	ND	NA	NA	10.00	3322.21	
RW-5	06/20/19	3368.34	59.73	ND	46.35	ND	NA	NA	NA	3321.99	
RW-5	06/25/19	3368.34	59.73	ND	46.16	ND	NA	NA	10.00	3322.18	
RW-5	07/02/19	3368.34	59.73	ND	46.18	ND	NA	NA	NA	3322.16	
RW-5	07/10/19	3368.34	59.73	ND	46.20	ND	NA	NA	NA	3322.14	
RW-5	07/26/19	3368.34	59.73	ND	46.10	ND	NA	NA	NA	3322.24	
RW-5	08/11/19	3368.34	59.73	Sheen	46.21	Sheen	NA	Sheen	10.00	3322.13	
RW-5	08/14/19	3368.34	59.73	Sheen	46.32	Sheen	NA	Sheen	10.00	3322.02	
RW-5	08/21/19	3368.34	59.73	Sheen	46.23	Sheen	NA	NA	NA	3322.11	
RW-5	09/06/19	3368.34	59.73	ND	46.31	ND	NA	NA	NA	3322.03	
RW-5	09/12/19	3368.34	59.73	ND	46.32	ND	NA	NA	NA	3322.02	
RW-5	09/19/19	3368.34	59.73	ND	46.35	ND	NA	NA	NA	3321.99	
RW-5	10/08/19	3368.34	59.73	Sheen	46.29	Sheen	NA	NA	NA	3322.05	
RW-5	10/16/19	3368.34	59.73	Sheen	46.33	Sheen	NA	NA	NA	3322.01	
RW-5	10/23/19	3368.34	59.73	ND	46.23	ND	NA	NA	NA	3322.11	
RW-5	10/31/19	3368.34	59.73	ND	46.31	ND	NA	NA	NA	3322.03	
RW-5	11/05/19	3368.34	59.73	ND	56.31	ND	NA	NA	NA	3312.03	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-5	11/14/19	3368.34	59.73	ND	46.30	ND	NA	NA	NA	3322.04	
RW-5	11/26/19	3368.34	59.73	ND	46.13	ND	NA	NA	NA	3322.21	
RW-5	12/04/19	3368.34	59.73	ND	46.18	ND	NA	NA	NA	3322.16	
RW-5	12/13/19	3368.34	59.73	ND	46.12	ND	NA	NA	NA	3322.22	
RW-5	12/20/19	3368.34	59.73	ND	46.19	ND	NA	NA	NA	3322.15	
RW-5	12/26/19	3368.34	59.73	ND	46.16	ND	NA	NA	NA	3322.18	
RW-5	01/02/20	3368.34	59.73	ND	46.25	ND	NA	NA	NA	3322.09	
RW-5	01/09/20	3368.34	59.73	ND	46.08	ND	NA	NA	NA	3322.26	
RW-5	01/14/20	3368.34	59.73	ND	46.02	ND	NA	NA	NA	3322.32	
RW-5	01/30/20	3368.34	59.73	ND	46.08	ND	NA	NA	NA	3322.26	
RW-5	02/07/20	3368.34	59.73	46.05	46.09	0.04	NA	Sheen	10.00	3322.28	
RW-5	02/12/20	3368.34	59.73	ND	46.01	ND	NA	NA	NA	3322.33	
RW-5	02/19/20	3368.34	59.73	ND	46.08	ND	NA	NA	NA	3322.26	
RW-5	02/26/20	3368.34	59.73	Sheen	46.14	Sheen	NA	Sheen	10	3322.20	
RW-5	03/05/20	3368.34	59.73	Sheen	46.10	Sheen	NA	Sheen	10	3322.24	
RW-5	03/11/20	3368.34	59.73	ND	45.98	ND	NA	NA	NA	3322.36	
RW-5	03/17/20	3368.34	59.73	ND	46.01	ND	NA	NA	NA	3322.33	Sampled
RW-5	03/23/20	3368.34	59.73	ND	46.02	ND	NA	NA	NA	3322.32	
RW-5	05/07/20	3368.34	59.73	46.08	46.12	0.04	NA	Sheen	10	3322.25	
RW-5	05/20/20	3368.34	59.73	ND	45.82	ND	NA	NA	NA	3322.52	
RW-5	06/03/20	3368.34	59.73	ND	45.79	ND	NA	NA	NA	3322.55	
RW-5	06/24/20	3368.34	59.73	Sheen	45.93	Sheen	NA	NA	NA	3322.41	
RW-5	07/01/20	3368.34	59.73	Sheen	45.90	Sheen	NA	Sheen	10	3322.44	
RW-5	07/14/20	3368.34	59.73	Sheen	45.90	Sheen	NA	Sheen	10	3322.44	
RW-5	07/29/20	3368.34	59.73	ND	45.87	ND	NA	NA	NA	3322.47	
RW-5	08/13/20	3368.34	59.73	ND	45.90	ND	NA	NA	NA	3322.44	
RW-5	08/25/20	3368.34	59.73	Sheen	46.00	Sheen	NA	Sheen	10	3322.34	
RW-5	09/16/20	3368.34	59.73	Sheen	46.11	Sheen	NA	Sheen	10	3322.23	
RW-5	09/24/20	3368.34	59.73	Sheen	46.08	Sheen	NA	Sheen	10	3322.26	
RW-5	10/29/20	3368.34	59.73	Sheen	46.12	Sheen	NA	Sheen	10	3322.22	
RW-5	11/10/20	3368.34	59.73	Sheen	46.13	Sheen	NA	Sheen	10	3322.21	
RW-5	11/24/20	3368.34	59.73	Sheen	46.03	Sheen	NA	Sheen	10	3322.31	
RW-5	12/08/20	3368.34	59.73	Sheen	46.08	Sheen	NA	Sheen	10	3322.26	
RW-5	12/22/20	3368.34	59.73	Sheen	45.96	Sheen	NA	Sheen	10	3322.38	
RW-5	01/05/21	3368.34	59.73	Sheen	45.97	Sheen	NA	Sheen	15	3322.37	
RW-5	01/19/21	3368.34	59.73	ND	46.10	ND	NA	NA	10	3322.24	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-5	02/02/21	3368.34	59.73	Sheen	45.92	Sheen	NA	NA	10	3322.42	
RW-5	02/10/21	3368.34	59.73	ND	45.93	ND	NA	Sheen	10	3322.41	
RW-5	02/25/21	3368.34	59.73	ND	45.94	ND	NA	Sheen	10	3322.40	
RW-5	03/02/21	3368.34	59.73	ND	45.89	ND	NA	Sheen	20	3322.45	
RW-5	03/16/21	3368.34	59.73	Sheen	45.80	Sheen	NA	Sheen	10	3322.54	Sampled
RW-5	03/31/21	3368.34	59.73	ND	46.04	ND	NA	Sheen	10	3322.30	
RW-5	04/16/21	3368.34	59.73	ND	45.89	ND	NA	Sheen	10	3322.45	
RW-5	04/26/21	3368.34	59.73	ND	45.91	ND	NA	Sheen	10	3322.43	
RW-5	05/14/21	3368.34	59.73	ND	45.81	ND	NA	NA	NA	3322.53	
RW-5	05/27/21	3368.34	59.73	ND	45.78	ND	NA	NA	NA	3322.56	
RW-5	06/11/21	3368.34	59.73	ND	45.65	ND	NA	Sheen	10	3322.69	
RW-5	06/24/21	3368.34	59.73	ND	45.58	ND	NA	Sheen	10	3322.76	
RW-5	07/08/21	3368.34	59.73	ND	45.91	ND	NA	NA	NA	3322.43	
RW-5	07/23/21	3368.34	59.73	ND	45.84	ND	NA	NA	NA	3322.50	
RW-5	08/13/21	3368.34	59.73	Sheen	45.78	Sheen	NA	Sheen	10	3322.56	
RW-5	08/26/21	3368.34	59.73	Sheen	45.95	Sheen	NA	Sheen	10	3322.39	
RW-5	08/31/21	3368.34	59.73	Sheen	45.80	Sheen	NA	Sheen	10	3322.54	
RW-5	09/10/21	3368.34	59.73	ND	45.78	ND	NA	Sheen	10	3322.56	
RW-5	09/30/21	3368.34	59.73	ND	45.93	ND	NA	NA	NA	3322.41	
RW-5	10/07/21	3368.34	59.73	ND	45.93	ND	NA	NA	NA	3322.41	
RW-5	10/21/21	3368.34	59.73	ND	45.98	ND	NA	NA	NA	3322.36	
RW-5	10/27/21	3368.34	59.73	ND	45.87	ND	NA	NA	NA	3322.47	
RW-5	11/04/21	3368.34	59.73	ND	45.95	ND	NA	Sheen	10	3322.39	
RW-5	11/17/21	3368.34	59.73	ND	45.91	ND	NA	NA	NA	3322.43	
RW-5	12/03/21	3368.34	59.73	Sheen	45.73	Sheen	NA	Sheen	10	3322.61	
RW-5	12/14/21	3368.34	59.73	45.93	45.94	0.01	NA	Sheen	10	3322.41	
RW-5	12/31/21	3368.34	59.73	45.91	45.92	0.01	NA	Sheen	10	3322.43	
RW-5	01/27/22	3368.34	59.73	Sheen	45.85	Sheen	NA	Sheen	10	3322.49	
RW-5	02/10/22	3368.34	59.73	Sheen	45.81	Sheen	NA	NA	10	3322.53	
RW-5	02/25/22	3368.34	59.73	ND	45.76	ND	NA	NA	NA	3322.58	
RW-5	03/23/22	3368.34	59.73	45.81	45.84	0.03	NA	Sheen	10	3322.53	
RW-5	03/31/22	3368.34	59.73	Sheen	45.66	Sheen	NA	Sheen	10	3322.68	
RW-5	04/05/22	3368.34	59.73	Sheen	45.86	Sheen	NA	Sheen	10	3322.48	
RW-5	04/13/22	3368.34	59.73	ND	45.84	ND	NA	Sheen	10	3322.50	
RW-5	04/28/22	3368.34	59.73	Sheen	45.73	Sheen	NA	ND	10	3322.61	
RW-5	05/12/22	3368.34	59.73	ND	45.80	ND	NA	ND	10	3322.54	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-5	05/24/22	3368.34	59.73	ND	45.77	ND	NA	Sheen	10	3322.57	
RW-5	06/17/22	3368.34	59.73	ND	45.74	ND	NA	Sheen	10	3322.60	
RW-5	06/22/22	3368.34	59.73	ND	45.49	ND	NA	Sheen	10	3322.85	Sampled
RW-5	07/21/22	3368.34	59.73	ND	45.92	ND	NA	Sheen	10	3322.42	
RW-5	08/18/22	3368.34	59.73	ND	46.06	ND	NA	NA	NA	3322.28	
RW-5	09/21/22	3368.34	59.73	ND	46.13	ND	NA	Sheen	10	3322.21	Sampled
RW-5	09/28/22	3368.34	59.73	ND	46.14	ND	NA	Sheen	10	3322.20	
RW-5	10/07/22	3368.34	59.73	ND	46.17	ND	NA	Sheen	10	3322.17	
RW-5	10/19/22	3368.34	59.73	ND	46.19	ND	NA	Sheen	10	3322.15	
RW-5	11/15/22	3368.34	59.73	ND	46.29	ND	NA	Sheen	10	3322.05	
RW-5	12/6/222	3368.34	59.73	ND	46.02	ND	NA	Sheen	10	3322.32	Sampled
RW-5	12/29/22	3368.34	59.73	ND	46.08	ND	NA	NA	NA	3322.26	
IW-1	01/04/18	3368.53	64.00	47.65	47.80	0.15	NA	NA	NA	3320.86	
IW-1	01/10/18	3368.53	64.00	47.44	47.66	0.22	NA	NA	NA	3321.06	
IW-1	01/18/18	3368.53	64.00	47.42	47.50	0.08	NA	NA	NA	3321.10	
IW-1	01/25/18	3368.53	64.00	47.40	47.45	0.05	NA	NA	NA	3321.12	
IW-1	02/01/18	3368.53	64.00	47.40	47.45	0.05	NA	NA	NA	3321.12	
IW-1	02/14/18	3368.53	64.00	Sheen	47.26	Sheen	NA	NA	NA	3321.27	
IW-1	02/21/18	3368.53	64.00	Sheen	47.37	Sheen	NA	NA	NA	3321.16	
IW-1	02/28/18	3368.53	64.00	Sheen	47.12	Sheen	NA	NA	NA	3321.41	
IW-1	03/07/18	3368.53	64.00	Sheen	47.14	Sheen	NA	NA	NA	3321.39	sampled
IW-1	03/15/18	3368.53	64.00	Sheen	47.13	Sheen	NA	NA	NA	3321.40	
IW-1	03/22/18	3368.53	64.00	Sheen	47.21	Sheen	NA	NA	NA	3321.32	
IW-1	03/28/18	3368.53	64.00	Sheen	47.17	Sheen	NA	NA	NA	3321.36	
IW-1	04/04/18	3368.53	64.00	Sheen	47.26	Sheen	NA	NA	NA	3321.27	
IW-1	04/11/18	3368.53	64.00	Sheen	47.21	Sheen	NA	NA	NA	3321.32	
IW-1	04/19/18	3368.53	64.00	Sheen	47.26	Sheen	NA	NA	NA	3321.27	
IW-1	04/24/18	3368.53	64.00	Sheen	47.28	Sheen	NA	NA	NA	3321.25	
IW-1	05/09/18	3368.53	64.00	Sheen	47.00	Sheen	NA	NA	NA	3321.53	
IW-1	05/15/18	3368.53	64.00	Sheen	47.02	Sheen	NA	NA	NA	3321.51	
IW-1	05/22/18	3368.53	64.00	Sheen	47.00	Sheen	NA	NA	NA	3321.53	
IW-1	05/30/18	3368.53	64.00	Sheen	46.93	Sheen	NA	NA	NA	3321.60	
IW-1	06/05/18	3368.53	64.00	ND	46.96	ND	NA	Sheen	34.00	3321.57	sampled
IW-1	06/13/18	3368.53	64.00	Sheen	46.99	Sheen	NA	NA	NA	3321.54	
IW-1	06/19/18	3368.53	64.00	Sheen	47.01	Sheen	NA	NA	NA	3321.52	

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								PSH	H_2O		
IW-1	06/29/18	3368.53	64.00	Sheen	46.99	Sheen	NA	NA	NA	3321.54	
IW-1	07/05/18	3368.53	64.00	ND	46.98	ND	NA	NA	NA	3321.55	
IW-1	07/11/18	3368.53	64.00	46.99	47.01	0.02	NA	NA	NA	3321.54	
IW-1	07/18/18	3368.53	64.00	46.95	46.96	0.01	NA	NA	NA	3321.58	
IW-1	07/26/18	3368.53	64.00	46.95	46.97	0.02	NA	NA	NA	3321.58	
IW-1	07/31/18	3368.53	64.00	Sheen	46.95	Sheen	NA	NA	NA	3321.58	
IW-1	08/07/18	3368.53	64.00	Sheen	46.92	Sheen	NA	NA	NA	3321.61	
IW-1	08/14/18	3368.53	64.00	46.90	46.91	0.01	NA	NA	NA	3321.63	pump
IW-1	08/21/18	3368.53	64.00	46.88	46.89	0.01	NA	NA	NA	3321.65	pump
IW-1	08/30/18	3368.53	64.00	46.91	46.93	0.02	NA	NA	NA	3321.62	pump
IW-1	09/06/18	3368.53	64.00	Sheen	46.95	Sheen	NA	NA	NA	3321.58	pump
IW-1	09/26/18	3368.53	64.00	46.94	46.95	0.01	NA	NA	NA	3321.59	pump
IW-1	10/03/18	3368.53	64.00	46.91	46.93	0.02	NA	NA	NA	3321.62	pump
IW-1	10/11/18	3368.53	64.00	46.96	46.97	0.01	NA	NA	NA	3321.57	pump
IW-1	10/17/18	3368.53	64.00	46.48	46.50	0.02	NA	NA	NA	3322.05	pump
IW-1	10/24/18	3368.53	64.00	46.62	46.63	0.01	NA	NA	NA	3321.91	pump
IW-1	10/31/18	3368.53	64.00	46.77	46.78	0.01	NA	NA	NA	3321.76	pump
IW-1	11/06/18	3368.53	64.00	46.83	46.85	0.02	NA	NA	NA	3321.70	pump
IW-1	11/13/18	3368.53	64.00	46.89	46.90	0.01	NA	NA	NA	3321.64	pump
IW-1	11/21/18	3368.53	64.00	46.72	46.74	0.02	NA	NA	NA	3321.81	pump
IW-1	11/28/18	3368.53	64.00	46.65	46.67	0.02	NA	NA	NA	3321.88	pump
IW-1	12/07/18	3368.53	64.00	46.66	46.67	0.01	NA	NA	NA	3321.87	pump
IW-1	12/12/18	3368.53	64.00	46.69	46.71	0.02	NA	NA	NA	3321.84	pump
IW-1	12/18/18	3368.53	64.00	46.72	46.74	0.02	NA	NA	NA	3321.81	pump
IW-1	01/03/19	3368.53	64.00	46.75	46.77	0.02	NA	NA	NA	3321.78	
IW-1	01/08/19	3368.53	64.00	46.77	46.78	0.01	NA	NA	NA	3321.76	
IW-1	01/17/19	3368.53	64.00	Sheen	46.58	Sheen	NA	NA	NA	3321.95	
IW-1	01/22/19	3368.53	64.00	ND	46.62	ND	NA	NA	NA	3321.91	
IW-1	01/29/19	3368.53	64.00	46.60	46.61	0.01	NA	NA	NA	3321.93	
IW-1	02/05/09	3368.53	64.00	46.65	46.66	0.01	NA	NA	NA	3321.88	
IW-1	02/12/19	3368.53	64.00	46.63	46.64	0.01	NA	NA	NA	3321.90	
IW-1	02/22/19	3368.53	64.00	ND	46.55	ND	NA	NA	NA	3321.98	
IW-1	02/27/19	3368.53	64.00	Sheen	46.61	Sheen	NA	NA	NA	3321.92	
IW-1	03/06/19	3368.53	64.00	46.64	46.65	0.01	NA	NA	NA	3321.89	
IW-1	03/12/19	3368.53	64.00	46.65	46.67	0.02	NA	NA	NA	3321.88	
IW-1	03/22/19	3368.53	64.00	46.65	46.67	0.02	NA	NA	NA	3321.88	

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-1	03/28/19	3368.53	64.00	46.40	46.41	0.01	NA	NA	NA	3322.13	
IW-1	04/02/19	3368.53	64.00	Sheen	46.44	Sheen	NA	NA	NA	3322.09	
IW-1	04/10/19	3368.53	64.00	Sheen	46.31	Sheen	NA	NA	NA	3322.22	pump
IW-1	04/16/19	3368.53	64.00	Sheen	46.37	Sheen	NA	NA	NA	3322.16	pump
IW-1	04/24/19	3368.53	64.00	46.38	46.39	0.01	NA	NA	NA	3322.15	pump
IW-1	05/01/19	3368.53	64.00	46.31	46.32	0.01	NA	NA	NA	3322.22	pump
IW-1	05/09/19	3368.53	64.00	46.50	46.52	0.02	NA	NA	NA	3322.03	pump
IW-1	05/17/19	3368.53	64.00	Sheen	46.55	Sheen	NA	NA	NA	3321.98	pump
IW-1	05/24/19	3368.53	64.00	46.57	46.58	0.01	NA	NA	NA	3321.96	pump
IW-1	06/05/19	3368.53	64.00	46.58	46.59	0.01	NA	NA	NA	3321.95	pump
IW-1	06/14/19	3368.53	64.00	ND	46.39	ND	NA	NA	NA	3322.14	pump
IW-1	06/20/19	3368.53	64.00	Sheen	46.65	Sheen	NA	NA	NA	3321.88	pump
IW-1	06/25/19	3368.53	64.00	ND	46.41	ND	NA	NA	NA	3322.12	pump
IW-1	07/02/19	3368.53	64.00	46.44	46.45	0.01	NA	NA	NA	3322.09	pump
IW-1	07/10/19	3368.53	64.00	ND	46.39	ND	NA	NA	NA	3322.14	pump
IW-1	07/26/19	3368.53	64.00	46.47	46.48	0.01	NA	NA	NA	3322.06	pump
IW-1	08/11/19	3368.53	64.00	46.50	46.52	0.02	NA	NA	NA	3322.03	pump
IW-1	08/14/19	3368.53	64.00	46.57	46.63	0.06	NA	NA	NA	3321.95	pump
IW-1	08/21/19	3368.53	64.00	46.55	46.56	0.01	NA	NA	NA	3321.98	pump
IW-1	09/06/19	3368.53	64.00	46.48	46.52	0.04	NA	NA	NA	3322.04	pump
IW-1	09/12/19	3368.53	64.00	46.52	46.58	0.06	NA	NA	NA	3322.00	pump
IW-1	09/19/19	3368.53	64.00	46.57	46.63	0.06	NA	NA	NA	3321.95	pump
IW-1	10/08/19	3368.53	64.00	46.59	46.60	0.01	NA	NA	NA	3321.94	pump
IW-1	10/16/19	3368.53	64.00	46.62	46.63	0.01	NA	NA	NA	3321.91	pump
IW-1	10/23/19	3368.53	64.00	46.57	46.60	0.03	NA	NA	NA	3321.96	pump
IW-1	10/31/19	3368.53	64.00	46.56	46.58	0.02	NA	NA	NA	3321.97	pump
IW-1	11/05/19	3368.53	64.00	ND	46.65	ND	NA	NA	NA	3321.88	pump
IW-1	11/14/19	3368.53	64.00	46.58	46.60	0.02	NA	NA	NA	3321.95	pump
IW-1	11/26/19	3368.53	64.00	46.60	46.64	0.04	NA	NA	NA	3321.92	pump
IW-1	12/04/19	3368.53	64.00	46.62	46.66	0.04	NA	NA	NA	3321.90	pump
IW-1	12/13/19	3368.53	64.00	46.39	46.40	0.01	NA	NA	NA	3322.14	pump
IW-1	12/20/19	3368.53	64.00	46.38	46.42	0.04	NA	NA	NA	3322.14	pump
IW-1	12/26/19	3368.53	64.00	46.40	46.44	0.04	NA	NA	NA	3322.12	pump
IW-1	01/02/20	3368.53	64.00	46.51	46.58	0.07	NA	NA	NA	3322.01	pump
IW-1	01/09/20	3368.53	64.00	46.51	46.58	0.07	NA	NA	NA	3322.01	pump
IW-1	01/14/20	3368.53	64.00	46.35	46.38	0.03	NA	NA	NA	3322.18	pump

TABLE 2
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Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-1	01/30/20	3368.53	64.00	46.32	46.36	0.04	NA	NA	NA	3322.20	pump
IW-1	02/07/20	3368.53	64.00	Sheen	46.35	Sheen	NA	NA	NA	3322.18	pump
IW-1	02/12/20	3368.53	64.00	Sheen	46.32	Sheen	NA	NA	NA	3322.21	pump
IW-1	02/19/20	3368.53	64.00	46.26	46.28	0.02	NA	NA	NA	3322.27	pump
IW-1	02/26/20	3368.53	64.00	46.37	46.39	0.02	NA	NA	NA	3322.16	pump
IW-1	03/05/20	3368.53	64.00	46.29	46.32	0.03	NA	NA	NA	3322.24	pump
IW-1	03/11/20	3368.53	64.00	46.25	46.36	0.11	NA	NA	NA	3322.26	pump
IW-1	03/17/20	3368.53	64.00	46.26	46.29	0.03	NA	NA	NA	3322.27	pump
IW-1	03/23/20	3368.53	64.00	Sheen	46.27	Sheen	NA	NA	NA	3322.26	pump
IW-1	05/07/20	3368.53	64.00	46.28	46.39	0.11	NA	NA	NA	3322.23	pump
IW-1	05/20/20	3368.53	64.00	45.98	46.10	0.12	NA	NA	NA	3322.53	pump
IW-1	06/03/20	3368.53	64.00	45.92	46.08	0.16	NA	NA	NA	3322.59	pump
IW-1	06/24/20	3368.53	64.00	46.20	46.21	0.01	NA	NA	NA	3322.33	pump
IW-1	07/01/20	3368.53	64.00	46.00	46.18	0.18	NA	NA	NA	3322.50	pump
IW-1	07/14/20	3368.53	64.00	Sheen	46.18	Sheen	NA	NA	NA	3322.35	pump
IW-1	07/29/20	3368.53	64.00	Sheen	46.15	Sheen	NA	NA	NA	3322.38	pump
IW-1	08/13/20	3368.53	64.00	Sheen	46.20	Sheen	NA	NA	NA	3322.33	pump
IW-1	08/25/20	3368.53	64.00	46.12	46.17	0.05	NA	NA	NA	3322.40	pump
IW-1	09/16/20	3368.53	64.00	46.38	46.41	0.03	NA	NA	NA	3322.15	pump
IW-1	09/24/20	3368.53	64.00	46.30	46.37	0.07	NA	NA	NA	3322.22	pump
IW-1	10/29/20	3368.53	64.00	46.39	46.42	0.03	NA	NA	NA	3322.14	pump
IW-1	11/10/20	3368.53	64.00	46.40	46.41	0.01	NA	NA	NA	3322.13	pump
IW-1	11/24/20	3368.53	64.00	46.30	46.38	0.08	NA	NA	NA	3322.22	pump
IW-1	12/08/20	3368.53	64.00	46.42	46.44	0.02	NA	NA	NA	3322.11	pump
IW-1	12/22/20	3368.53	64.00	46.48	46.51	0.03	NA	NA	NA	3322.05	pump
IW-1	01/19/21	3368.53	64.00	46.52	46.58	0.06	NA	NA	NA	3322.00	pump
IW-1	02/02/21	3368.53	64.00	46.20	46.26	0.06	NA	NA	NA	3322.32	pump
IW-1	02/10/21	3368.53	64.00	46.17	46.24	0.07	NA	NA	NA	3322.35	pump
IW-1	02/25/21	3368.53	64.00	46.20	46.28	0.08	NA	NA	NA	3322.32	pump
IW-1	03/02/21	3368.53	64.00	46.13	46.21	0.08	NA	NA	NA	3322.39	pump
IW-1	03/16/21	3368.53	64.00	46.00	46.06	0.06	NA	NA	NA	3322.52	pump
IW-1	03/31/21	3368.53	64.00	46.34	46.48	0.14	NA	NA	NA	3322.17	pump
IW-1	04/16/21	3368.53	64.00	46.18	46.19	0.01	NA	NA	NA	3322.35	pump
IW-1	04/26/21	3368.53	64.00	46.23	46.26	0.03	NA	NA	NA	3322.30	pump
IW-1	05/14/21	3368.53	64.00	46.28	46.31	0.03	NA	NA	NA	3322.25	pump
IW-1	05/27/21	3368.53	64.00	46.31	46.32	0.01	NA	NA	NA	3322.22	pump
IW-1	06/11/21	3368.53	64.00	46.10	46.18	0.08	NA	NA	NA	3322.42	pump

TABLE 2
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-1	06/24/21	3368.53	64.00	46.20	46.22	0.02	NA	NA	NA	3322.33	pump
IW-1	07/08/21	3368.53	64.00	46.19	46.23	0.04	NA	NA	NA	3322.33	pump
IW-1	07/23/21	3368.53	64.00	46.21	46.24	0.03	NA	NA	NA	3322.32	pump
IW-1	08/13/21	3368.53	64.00	46.26	46.31	0.05	NA	NA	NA	3322.26	pump
IW-1	08/26/21	3368.53	64.00	Sheen	46.24	Sheen	NA	NA	NA	3322.29	pump
IW-1	08/31/21	3368.53	64.00	46.13	46.14	0.01	NA	NA	NA	3322.40	pump
IW-1	09/10/21	3368.53	64.00	46.27	46.31	0.04	NA	NA	NA	3322.25	pump
IW-1	09/30/21	3368.53	64.00	46.15	46.22	0.07	NA	NA	NA	3322.37	pump
IW-1	10/07/21	3368.53	64.00	46.20	46.21	0.01	NA	NA	NA	3322.33	pump
IW-1	10/21/21	3368.53	64.00	46.23	46.50	0.27	NA	NA	NA	3322.26	pump
IW-1	10/27/21	3368.53	64.00	Sheen	46.15	Sheen	NA	NA	NA	3322.38	pump
IW-1	11/04/21	3368.53	64.00	46.26	46.29	0.03	NA	NA	NA	3322.27	pump
IW-1	11/17/21	3368.53	64.00	46.31	46.33	0.02	NA	NA	NA	3322.22	pump
IW-1	12/03/21	3368.53	64.00	46.20	47.55	1.35	NA	NA	NA	3322.13	pump
IW-1	12/14/21	3368.53	64.00	45.66	45.67	0.01	NA	NA	NA	3322.87	pump
IW-1	12/31/21	3368.53	64.00	46.18	46.42	0.24	NA	NA	NA	3322.31	pump
IW-1	01/27/22	3368.53	64.00	46.13	46.20	0.07	NA	NA	NA	3322.39	pump
IW-1	02/10/22	3368.53	64.00	46.18	46.23	0.05	NA	NA	NA	3322.34	pump
IW-1	02/25/22	3368.53	64.00	46.09	46.28	0.19	NA	NA	NA	3322.41	pump
IW-1	03/23/22	3368.53	64.00	46.12	46.28	0.16	NA	NA	NA	3322.39	pump
IW-1	03/31/22	3368.53	64.00	46.15	46.36	0.21	NA	NA	NA	3322.35	pump
IW-1	04/05/22	3368.53	64.00	Sheen	46.12	Sheen	NA	NA	NA	3322.41	pump
IW-1	04/13/22	3368.53	64.00	46.20	46.30	0.10	NA	NA	NA	3322.32	pump
IW-1	04/28/22	3368.53	64.00	46.04	46.11	0.07	NA	NA	NA	3322.48	pump
IW-1	05/12/22	3368.53	64.00	46.23	46.34	0.11	NA	NA	NA	3322.28	pump
IW-1	05/24/22	3368.53	64.00	46.18	46.22	0.04	NA	NA	NA	3322.34	pump
IW-1	06/17/22	3368.53	64.00	46.22	46.27	0.05	NA	NA	NA	3322.30	pump
IW-1	07/21/22	3368.53	64.00	46.25	46.28	0.03	NA	NA	NA	3322.28	pump
IW-1	08/18/22	3368.53	64.00	46.30	46.32	0.02	NA	NA	NA	3322.23	pump
IW-1	09/21/22	3368.53	64.00	46.29	46.40	0.11	NA	NA	NA	3322.22	pump
IW-1	10/07/22	3368.53	64.00	46.41	46.56	0.15	NA	NA	NA	3322.10	pump
IW-1	10/19/22	3368.53	64.00	46.38	46.53	0.15	NA	NA	NA	3322.13	pump
IW-1	11/15/22	3368.53	64.00	46.34	46.39	0.05	NA	NA	NA	3322.18	pump
IW-1	12/06/22	3368.53	64.00	46.24	46.41	0.17	NA	NA	NA	3322.26	pump
IW-1	12/29/22	3368.53	64.00	46.20	46.36	0.16	NA	NA	NA	3322.31	pump

TABLE 2
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Plains Marketing, L.P.
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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-2	01/04/18	3368.63	64.05	Sheen	47.63	Sheen	NA	NA	NA	3321.00	
IW-2	01/10/18	3368.63	64.05	Sheen	47.49	Sheen	NA	NA	NA	3321.14	
IW-2	01/18/18	3368.63	64.05	Sheen	47.43	Sheen	NA	NA	NA	3321.20	
IW-2	01/25/18	3368.63	64.05	Sheen	47.44	Sheen	NA	NA	NA	3321.19	
IW-2	02/01/18	3368.63	64.05	ND	47.40	ND	NA	NA	NA	3321.23	
IW-2	02/14/18	3368.63	64.05	Sheen	47.39	Sheen	NA	NA	NA	3321.24	
IW-2	02/21/18	3368.63	64.05	ND	47.40	ND	NA	NA	NA	3321.23	
IW-2	02/28/18	3368.63	64.05	ND	47.14	ND	NA	NA	NA	3321.49	
IW-2	03/07/18	3368.63	64.05	Sheen	47.22	Sheen	NA	NA	NA	3321.41	sampled
IW-2	03/15/18	3368.63	64.05	Sheen	47.13	Sheen	NA	NA	NA	3321.50	
IW-2	03/22/18	3368.63	64.05	Sheen	47.26	Sheen	NA	NA	NA	3321.37	
IW-2	03/28/18	3368.63	64.05	Sheen	47.19	Sheen	NA	NA	NA	3321.44	
IW-2	04/04/18	3368.63	64.05	Sheen	47.28	Sheen	NA	NA	NA	3321.35	
IW-2	04/11/18	3368.63	64.05	Sheen	47.30	Sheen	NA	NA	NA	3321.33	
IW-2	04/19/18	3368.63	64.05	Sheen	47.36	Sheen	NA	NA	NA	3321.27	
IW-2	04/24/18	3368.63	64.05	Sheen	47.38	Sheen	NA	NA	NA	3321.25	
IW-2	05/09/18	3368.63	64.05	Sheen	47.18	Sheen	NA	NA	NA	3321.45	
IW-2	05/15/18	3368.63	64.05	Sheen	47.03	Sheen	NA	NA	NA	3321.60	
IW-2	05/22/18	3368.63	64.05	Sheen	46.99	Sheen	NA	NA	NA	3321.64	
IW-2	05/30/18	3368.63	64.05	Sheen	46.97	Sheen	NA	NA	NA	3321.66	
IW-2	06/05/18	3368.63	64.05	ND	46.94	ND	NA	Sheen	34.00	3321.69	sampled
IW-2	06/13/18	3368.63	64.05	Sheen	46.97	Sheen	NA	NA	NA	3321.66	
IW-2	06/19/18	3368.63	64.05	Sheen	46.97	Sheen	NA	NA	NA	3321.66	
IW-2	06/29/18	3368.63	64.05	Sheen	47.01	Sheen	NA	NA	NA	3321.62	
IW-2	07/05/18	3368.63	64.05	ND	46.96	ND	NA	NA	NA	3321.67	
IW-2	07/11/18	3368.63	64.05	47.00	47.05	0.05	NA	NA	NA	3321.62	
IW-2	07/18/18	3368.63	64.05	46.97	46.99	0.02	NA	NA	NA	3321.66	
IW-2	07/26/18	3368.63	64.05	46.97	46.99	0.02	NA	NA	NA	3321.66	
IW-2	07/31/18	3368.63	64.05	Sheen	46.96	Sheen	NA	NA	NA	3321.67	
IW-2	08/07/18	3368.63	64.05	Sheen	46.93	Sheen	NA	NA	NA	3321.70	
IW-2	08/14/18	3368.63	64.05	Sheen	46.89	Sheen	NA	NA	NA	3321.74	pump
IW-2	08/21/18	3368.63	64.05	Sheen	46.86	Sheen	NA	NA	NA	3321.77	pump
IW-2	08/30/18	3368.63	64.05	46.90	46.91	0.01	NA	NA	NA	3321.73	pump
IW-2	09/06/18	3368.63	64.05	46.95	46.97	0.02	NA	NA	NA	3321.68	pump
IW-2	09/26/18	3368.63	64.05	Sheen	46.90	Sheen	NA	NA	NA	3321.73	pump
IW-2	10/03/18	3368.63	64.05	Sheen	46.92	Sheen	NA	NA	NA	3321.71	pump

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-2	10/11/18	3368.63	64.05	46.92	46.93	0.01	NA	NA	NA	3321.71	pump
IW-2	10/17/18	3368.63	64.05	46.50	46.51	0.01	NA	NA	NA	3322.13	pump
IW-2	10/24/18	3368.63	64.05	46.65	46.66	0.01	NA	NA	NA	3321.98	pump
IW-2	10/31/18	3368.63	64.05	46.80	46.81	0.01	NA	NA	NA	3321.83	pump
IW-2	11/06/18	3368.63	64.05	46.84	46.85	0.01	NA	NA	NA	3321.79	pump
IW-2	11/13/18	3368.63	64.05	46.91	46.92	0.01	NA	NA	NA	3321.72	pump
IW-2	11/21/18	3368.63	64.05	46.81	46.82	0.01	NA	NA	NA	3321.82	pump
IW-2	11/28/18	3368.63	64.05	nd	46.72	nd	NA	NA	NA	3321.91	pump
IW-2	12/07/18	3368.63	64.05	Sheen	46.75	Sheen	NA	NA	NA	3321.88	pump
IW-2	12/12/18	3368.63	64.05	46.76	46.78	0.02	NA	NA	NA	3321.87	pump
IW-2	12/18/18	3368.63	64.05	Sheen	46.88	Sheen	NA	NA	NA	3321.75	pump
IW-2	01/03/19	3368.63	64.05	46.81	46.82	0.01	NA	NA	NA	3321.82	
IW-2	01/08/19	3368.63	64.05	46.80	46.81	0.01	NA	NA	NA	3321.83	
IW-2	01/17/19	3368.63	64.05	ND	46.72	ND	NA	NA	NA	3321.91	
IW-2	01/22/19	3368.63	64.05	ND	46.77	ND	NA	NA	NA	3321.86	
IW-2	01/29/19	3368.63	64.05	Sheen	46.62	Sheen	NA	NA	NA	3322.01	
IW-2	02/05/19	3368.63	64.05	46.71	46.72	0.01	NA	NA	NA	3321.92	
IW-2	02/12/19	3368.63	64.05	46.62	46.63	0.01	NA	NA	NA	3322.01	
IW-2	02/22/19	3368.63	64.05	ND	46.70	ND	NA	NA	NA	3321.93	
IW-2	02/27/19	3368.63	64.05	46.70	46.71	0.01	NA	NA	NA	3321.93	
IW-2	03/06/19	3368.63	64.05	46.75	46.77	0.02	NA	NA	NA	3321.88	
IW-2	03/12/19	3368.63	64.05	46.77	46.80	0.03	NA	NA	NA	3321.86	
IW-2	03/22/19	3368.63	64.05	46.76	46.77	0.01	NA	NA	NA	3321.87	
IW-2	03/28/19	3368.63	64.05	46.41	46.42	0.01	NA	NA	NA	3322.22	
IW-2	04/02/19	3368.63	64.05	46.41	46.42	0.01	NA	NA	NA	3322.22	
IW-2	04/10/19	3368.63	64.05	Sheen	46.32	Sheen	NA	NA	NA	3322.31	pump
IW-2	04/16/19	3368.63	64.05	Sheen	46.38	Sheen	NA	NA	NA	3322.25	pump
IW-2	04/24/19	3368.63	64.05	Sheen	46.40	Sheen	NA	NA	NA	3322.23	pump
IW-2	05/01/19	3368.63	64.05	46.32	46.34	0.02	NA	NA	NA	3322.31	pump
IW-2	05/09/19	3368.63	64.05	Sheen	46.54	Sheen	NA	NA	NA	3322.09	pump
IW-2	05/17/19	3368.63	64.05	ND	46.61	ND	NA	NA	NA	3322.02	pump
IW-2	05/24/19	3368.63	64.05	Sheen	46.62	Sheen	NA	NA	NA	3322.01	pump
IW-2	06/05/19	3368.63	64.05	Sheen	46.65	Sheen	NA	NA	NA	3321.98	pump
IW-2	06/14/19	3368.63	64.05	ND	46.40	ND	NA	NA	NA	3322.23	pump
IW-2	06/20/19	3368.63	64.05	Sheen	46.69	Sheen	NA	NA	NA	3321.94	pump
IW-2	06/25/19	3368.63	64.05	ND	46.41	ND	NA	NA	NA	3322.22	pump

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-2	07/02/19	3368.63	64.05	Sheen	46.45	Sheen	NA	NA	NA	3322.18	pump
IW-2	07/10/19	3368.63	64.05	ND	46.39	ND	NA	NA	NA	3322.24	pump
IW-2	07/26/19	3368.63	64.05	46.49	46.50	0.01	NA	NA	NA	3322.14	pump
IW-2	08/11/19	3368.63	64.05	Sheen	46.51	Sheen	NA	NA	NA	3322.12	pump
IW-2	08/14/19	3368.63	64.05	ND	46.64	ND	NA	NA	NA	3321.99	pump
IW-2	08/21/19	3368.63	64.05	Sheen	46.64	Sheen	NA	NA	NA	3321.99	pump
IW-2	09/06/19	3368.63	64.05	ND	46.68	ND	NA	NA	NA	3321.95	pump
IW-2	09/19/19	3368.63	64.05	ND	46.53	ND	NA	NA	NA	3322.10	pump
IW-2	09/12/19	3368.63	64.05	ND	46.48	ND	NA	NA	NA	3322.15	pump
IW-2	10/08/19	3368.63	64.05	ND	46.68	ND	NA	NA	NA	3321.95	pump
IW-2	10/16/19	3368.63	64.05	ND	46.65	ND	NA	NA	NA	3321.98	pump
IW-2	10/23/19	3368.63	64.05	ND	46.69	ND	NA	NA	NA	3321.94	pump
IW-2	10/31/19	3368.63	64.05	ND	46.59	ND	NA	NA	NA	3322.04	pump
IW-2	11/05/19	3368.63	64.05	46.75	46.78	0.03	NA	NA	NA	3321.88	pump
IW-2	11/14/19	3368.63	64.05	ND	46.58	ND	NA	NA	NA	3322.05	pump
IW-2	11/26/19	3368.63	64.05	ND	46.42	ND	NA	NA	NA	3322.21	pump
IW-2	12/04/19	3368.63	64.05	ND	46.45	ND	NA	NA	NA	3322.18	pump
IW-2	12/13/19	3368.63	64.05	ND	46.40	ND	NA	NA	NA	3322.23	pump
IW-2	12/20/19	3368.63	64.05	ND	46.41	ND	NA	NA	NA	3322.22	pump
IW-2	12/26/19	3368.63	64.05	ND	46.38	ND	NA	NA	NA	3322.25	pump
IW-2	01/02/20	3368.63	64.05	ND	46.52	ND	NA	NA	NA	3322.11	pump
IW-2	01/09/20	3368.63	64.05	ND	46.38	ND	NA	NA	NA	3322.25	pump
IW-2	01/14/20	3368.63	64.05	ND	46.39	ND	NA	NA	NA	3322.24	pump
IW-2	01/30/20	3368.63	64.05	ND	46.38	ND	NA	NA	NA	3322.25	pump
IW-2	02/07/20	3368.63	64.05	Sheen	46.30	Sheen	NA	NA	NA	3322.33	pump
IW-2	02/12/20	3368.63	64.05	46.27	46.28	0.01	NA	NA	NA	3322.36	pump
IW-2	02/19/20	3368.63	64.05	46.25	46.27	0.02	NA	NA	NA	3322.38	pump
IW-2	02/26/20	3368.63	64.05	Sheen	46.42	Sheen	NA	NA	NA	3322.21	pump
IW-2	03/05/20	3368.63	64.05	Sheen	46.38	Sheen	NA	NA	NA	3322.25	pump
IW-2	03/11/20	3368.63	64.05	ND	46.28	ND	NA	NA	NA	3322.35	pump
IW-2	03/17/20	3368.63	64.05	46.29	46.30	0.01	NA	NA	NA	3322.34	pump
IW-2	03/23/20	3368.63	64.05	Sheen	46.30	Sheen	NA	NA	NA	3322.33	pump
IW-2	05/07/20	3368.63	64.05	Sheen	46.28	Sheen	NA	NA	NA	3322.35	pump
IW-2	05/20/20	3368.63	64.05	Sheen	46.10	Sheen	NA	NA	NA	3322.53	pump
IW-2	06/03/20	3368.63	64.05	Sheen	46.08	Sheen	NA	NA	NA	3322.55	pump
IW-2	06/24/20	3368.63	64.05	Sheen	46.34	Sheen	NA	NA	NA	3322.29	pump

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-2	07/01/20	3368.63	64.05	ND	46.20	ND	NA	NA	NA	3322.43	pump
IW-2	07/14/20	3368.63	64.05	ND	46.18	ND	NA	NA	NA	3322.45	pump
IW-2	07/29/20	3368.63	64.05	Sheen	46.18	Sheen	NA	NA	NA	3322.45	pump
IW-2	08/13/20	3368.63	64.05	Sheen	46.23	Sheen	NA	NA	NA	3322.40	pump
IW-2	08/25/20	3368.63	64.05	Sheen	46.30	Sheen	NA	NA	NA	3322.33	pump
IW-2	09/16/20	3368.63	64.05	ND	46.44	ND	NA	NA	NA	3322.19	pump
IW-2	09/24/20	3368.63	64.05	Sheen	46.38	Sheen	NA	NA	NA	3322.25	pump
IW-2	10/29/20	3368.63	64.05	Sheen	46.46	Sheen	NA	NA	NA	3322.17	pump
IW-2	11/10/20	3368.63	64.05	46.45	46.46	0.01	NA	NA	NA	3322.18	pump
IW-2	11/24/20	3368.63	64.05	Sheen	46.48	Sheen	NA	NA	NA	3322.15	pump
IW-2	12/08/20	3368.63	64.05	46.36	46.38	0.02	NA	NA	NA	3322.27	pump
IW-2	12/22/20	3368.63	64.05	ND	46.25	ND	NA	NA	NA	3322.38	pump
IW-2	01/19/21	3368.63	64.05	ND	46.38	ND	NA	NA	NA	3322.25	pump
IW-2	02/02/21	3368.63	64.05	Sheen	46.25	Sheen	NA	NA	NA	3322.38	pump
IW-2	02/10/21	3368.63	64.05	ND	46.20	ND	NA	NA	NA	3322.43	pump
IW-2	02/25/21	3368.63	64.05	ND	46.23	ND	NA	NA	NA	3322.40	pump
IW-2	03/02/21	3368.63	64.05	ND	46.19	ND	NA	NA	NA	3322.44	pump
IW-2	03/16/21	3368.63	64.05	Sheen	46.11	Sheen	NA	NA	NA	3322.52	pump
IW-2	03/31/21	3368.63	64.05	ND	46.31	ND	NA	NA	NA	3322.32	pump
IW-2	04/16/21	3368.63	64.05	ND	46.25	ND	NA	NA	NA	3322.38	pump
IW-2	04/26/21	3368.63	64.05	ND	46.27	ND	NA	NA	NA	3322.36	pump
IW-2	05/14/21	3368.63	64.05	ND	46.32	ND	NA	NA	NA	3322.31	pump
IW-2	05/27/21	3368.63	64.05	ND	46.28	ND	NA	NA	NA	3322.35	pump
IW-2	06/11/21	3368.63	64.05	ND	46.04	ND	NA	NA	NA	3322.59	pump
IW-2	06/24/21	3368.63	64.05	ND	46.08	ND	NA	NA	NA	3322.55	pump
IW-2	07/08/21	3368.63	64.05	ND	46.19	ND	NA	NA	NA	3322.44	pump
IW-2	07/23/21	3368.63	64.05	ND	46.21	ND	NA	NA	NA	3322.42	pump
IW-2	08/13/21	3368.63	64.05	ND	46.26	ND	NA	NA	NA	3322.37	pump
IW-2	08/26/21	3368.63	64.05	Sheen	46.28	Sheen	NA	NA	NA	3322.35	pump
IW-2	08/31/21	3368.63	64.05	Sheen	46.15	Sheen	NA	NA	NA	3322.48	pump
IW-2	09/10/21	3368.63	64.05	ND	46.28	ND	NA	NA	NA	3322.35	pump
IW-2	09/30/21	3368.63	64.05	ND	46.20	ND	NA	NA	NA	3322.43	pump
IW-2	10/07/21	3368.63	64.05	ND	46.21	ND	NA	NA	NA	3322.42	pump
IW-2	10/21/21	3368.63	64.05	Sheen	46.23	Sheen	NA	NA	NA	3322.40	pump
IW-2	10/27/21	3368.63	64.05	Sheen	46.17	Sheen	NA	NA	NA	3322.46	pump
IW-2	11/04/21	3368.63	64.05	46.21	46.22	0.01	NA	NA	NA	3322.42	pump

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-2	11/17/21	3368.63	64.05	46.19	46.21	0.02	NA	NA	NA	3322.44	pump
IW-2	12/03/21	3368.63	64.05	Sheen	46.17	Sheen	NA	NA	NA	3322.46	pump
IW-2	12/14/21	3368.63	64.05	46.23	46.25	0.02	NA	NA	NA	3322.40	pump
IW-2	12/31/21	3368.63	64.05	46.28	46.30	0.02	NA	NA	NA	3322.35	pump
IW-2	01/27/22	3368.63	64.05	46.13	46.15	0.02	NA	NA	NA	3322.50	pump
IW-2	02/10/22	3368.63	64.05	Sheen	46.10	Sheen	NA	NA	NA	3322.53	pump
IW-2	02/25/22	3368.63	64.05	46.09	46.13	0.04	NA	NA	NA	3322.53	pump
IW-2	03/23/22	3368.63	64.05	46.11	46.15	0.04	NA	NA	NA	3322.51	pump
IW-2	03/31/22	3368.63	64.05	46.01	46.16	0.15	NA	NA	NA	3322.60	pump
IW-2	04/05/22	3368.63	64.05	Sheen	46.18	Sheen	NA	NA	NA	3322.45	pump
IW-2	04/13/22	3368.63	64.05	46.20	46.22	0.02	NA	NA	NA	3322.43	pump
IW-2	04/28/22	3368.63	64.05	46.14	46.15	0.01	NA	NA	NA	3322.49	pump
IW-2	05/12/22	3368.63	64.05	46.08	46.10	0.02	NA	NA	NA	3322.55	pump
IW-2	05/24/22	3368.63	64.05	46.58	46.63	0.05	NA	NA	NA	3322.04	pump
IW-2	06/17/22	3368.63	64.05	46.51	46.59	0.08	NA	NA	NA	3322.11	pump
IW-2	06/22/22	3368.63	64.05	46.57	46.63	0.06	NA	NA	NA	3322.05	pump
IW-2	07/21/22	3368.63	64.05	46.30	46.32	0.02	NA	NA	NA	3322.33	pump
IW-2	08/18/22	3368.63	64.05	Sheen	46.34	Sheen	NA	NA	NA	3322.29	pump
IW-2	09/21/22	3368.63	64.05	Sheen	46.42	Sheen	NA	NA	NA	3322.21	pump
IW-2	09/28/22	3368.63	64.05	46.40	46.42	0.02	NA	NA	NA	3322.23	pump
IW-2	10/07/22	3368.63	64.05	46.46	46.48	0.02	NA	NA	NA	3322.17	pump
IW-2	10/19/22	3368.63	64.05	46.39	46.51	0.12	NA	NA	NA	3322.22	pump
IW-2	11/15/22	3368.63	64.05	46.41	46.49	0.08	NA	NA	NA	3322.21	pump
IW-2	12/06/22	3368.63	64.05	46.31	46.45	0.14	NA	NA	NA	3322.30	pump
IW-2	12/29/22	3368.63	64.05	46.28	46.39	0.11	NA	NA	NA	3322.33	pump
IW-3	01/04/18	3368.96	63.86	47.87	47.89	0.02	NA	NA	NA	3321.09	
IW-3	01/10/18	3368.96	63.86	Sheen	47.69	Sheen	NA	NA	NA	3321.27	
IW-3	01/18/18	3368.96	63.86	Sheen	47.71	Sheen	NA	NA	NA	3321.25	
IW-3	01/25/18	3368.96	63.86	Sheen	47.63	Sheen	NA	NA	NA	3321.33	
IW-3	02/01/18	3368.96	63.86	Sheen	47.65	Sheen	NA	NA	NA	3321.31	
IW-3	02/14/18	3368.96	63.86	Sheen	47.47	Sheen	NA	NA	NA	3321.49	
IW-3	02/21/18	3368.96	63.86	ND	47.53	ND	NA	NA	NA	3321.43	
IW-3	02/28/18	3368.96	63.86	Sheen	47.37	Sheen	NA	NA	NA	3321.59	
IW-3	03/07/18	3368.96	63.86	ND	47.31	ND	NA	NA	NA	3321.65	sampled
IW-3	03/15/18	3368.96	63.86	47.35	47.36	0.01	NA	NA	NA	3321.61	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-3	03/22/18	3368.96	63.86	47.48	47.49	0.01	NA	NA	NA	3321.48	
IW-3	03/28/18	3368.96	63.86	47.38	47.40	0.02	NA	NA	NA	3321.58	
IW-3	04/04/18	3368.96	63.86	47.49	47.51	0.02	NA	NA	NA	3321.47	
IW-3	04/11/18	3368.96	63.86	47.56	47.58	0.02	NA	NA	NA	3321.40	
IW-3	04/19/18	3368.96	63.86	47.61	47.62	0.01	NA	NA	NA	3321.35	
IW-3	04/24/18	3368.96	63.86	47.59	47.60	0.01	NA	NA	NA	3321.37	
IW-3	05/09/18	3368.96	63.86	47.25	47.26	0.01	NA	NA	NA	3321.71	
IW-3	05/15/18	3368.96	63.86	47.21	47.22	0.01	NA	NA	NA	3321.75	
IW-3	05/22/18	3368.96	63.86	Sheen	47.19	Sheen	NA	NA	NA	3321.77	
IW-3	05/30/18	3368.96	63.86	Sheen	47.16	Sheen	NA	NA	NA	3321.80	
IW-3	06/05/18	3368.96	63.86	ND	47.19	ND	NA	Sheen	33.00	3321.77	sampled
IW-3	06/13/18	3368.96	63.86	Sheen	47.20	Sheen	NA	NA	NA	3321.76	
IW-3	06/19/18	3368.96	63.86	Sheen	47.18	Sheen	NA	NA	NA	3321.78	
IW-3	06/29/18	3368.96	63.86	Sheen	47.19	Sheen	NA	NA	NA	3321.77	
IW-3	07/05/18	3368.96	63.86	ND	47.20	ND	NA	NA	NA	3321.76	
IW-3	07/11/18	3368.96	63.86	Sheen	47.15	Sheen	NA	NA	NA	3321.81	
IW-3	07/18/18	3368.96	63.86	47.10	47.12	0.02	NA	NA	NA	3321.86	
IW-3	07/26/18	3368.96	63.86	Sheen	47.12	Sheen	NA	NA	NA	3321.84	
IW-3	07/31/18	3368.96	63.86	Sheen	47.13	Sheen	NA	NA	NA	3321.83	
IW-3	08/07/18	3368.96	63.86	Sheen	47.10	Sheen	NA	NA	NA	3321.86	
IW-3	08/14/18	3368.96	63.86	Sheen	47.06	Sheen	NA	NA	NA	3321.90	pump
IW-3	08/21/18	3368.96	63.86	Sheen	47.04	Sheen	NA	NA	NA	3321.92	pump
IW-3	08/30/18	3368.96	63.86	Sheen	47.09	Sheen	NA	NA	NA	3321.87	pump
IW-3	09/06/18	3368.96	63.86	47.15	47.19	0.04	NA	NA	NA	3321.80	pump
IW-3	09/26/18	3368.96	63.86	Sheen	47.10	Sheen	NA	NA	NA	3321.86	pump
IW-3	10/03/18	3368.96	63.86	Sheen	47.12	Sheen	NA	NA	NA	3321.84	pump
IW-3	10/11/18	3368.96	63.86	Sheen	47.11	Sheen	NA	NA	NA	3321.85	pump
IW-3	10/17/18	3368.96	63.86	46.71	46.72	0.01	NA	NA	NA	3322.25	pump
IW-3	10/24/18	3368.96	63.86	46.84	46.85	0.01	NA	NA	NA	3322.12	pump
IW-3	10/31/18	3368.96	63.86	47.02	47.03	0.01	NA	NA	NA	3321.94	pump
IW-3	11/06/18	3368.96	63.86	47.12	47.13	0.01	NA	NA	NA	3321.84	pump
IW-3	11/13/18	3368.96	63.86	47.14	47.15	0.01	NA	NA	NA	3321.82	pump
IW-3	11/21/18	3368.96	63.86	47.02	47.03	0.01	NA	NA	NA	3321.94	pump
IW-3	11/28/18	3368.96	63.86	46.88	46.91	0.03	NA	NA	NA	3322.08	pump
IW-3	12/07/18	3368.96	63.86	46.90	46.92	0.02	NA	NA	NA	3322.06	pump
IW-3	12/12/18	3368.96	63.86	46.90	46.91	0.01	NA	NA	NA	3322.06	pump

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-3	12/18/18	3368.96	63.86	Sheen	46.90	Sheen	NA	NA	NA	3322.06	pump
IW-3	01/03/19	3368.96	63.86	46.93	46.94	0.01	NA	NA	NA	3322.03	
IW-3	01/08/19	3368.96	63.86	46.96	46.97	0.01	NA	NA	NA	3322.00	
IW-3	01/17/19	3368.96	63.86	46.82	46.85	0.03	NA	NA	NA	3322.14	
IW-3	01/22/19	3368.96	63.86	46.85	46.87	0.02	NA	NA	NA	3322.11	
IW-3	01/29/19	3368.96	63.86	46.85	46.88	0.03	NA	NA	NA	3322.11	
IW-3	02/05/19	3368.96	63.86	46.90	46.91	0.01	NA	NA	NA	3322.06	
IW-3	02/12/19	3368.96	63.86	46.79	46.84	0.05	NA	NA	NA	3322.16	
IW-3	02/22/19	3368.96	63.86	46.76	46.77	0.01	NA	NA	NA	3322.20	
IW-3	02/27/19	3368.96	63.86	46.88	46.89	0.01	NA	NA	NA	3322.08	
IW-3	03/06/19	3368.96	63.86	46.93	46.94	0.01	NA	NA	NA	3322.03	
IW-3	03/12/19	3368.96	63.86	46.90	46.91	0.01	NA	NA	NA	3322.06	
IW-3	03/22/19	3368.96	63.86	46.88	46.89	0.01	NA	NA	NA	3322.08	
IW-3	03/28/19	3368.96	63.86	47.00	47.01	0.01	NA	NA	NA	3321.96	
IW-3	04/02/19	3368.96	63.86	47.68	47.69	0.01	NA	NA	NA	3321.28	
IW-3	04/10/19	3368.96	63.86	47.52	47.53	0.01	NA	NA	10.00	3321.44	pump
IW-3	04/16/19	3368.96	63.86	Sheen	47.52	Sheen	NA	NA	NA	3321.44	pump
IW-3	04/24/19	3368.96	63.86	47.51	47.52	0.01	NA	NA	NA	3321.45	pump
IW-3	05/01/19	3368.96	63.86	47.44	47.45	0.01	NA	NA	NA	3321.52	pump
IW-3	05/09/19	3368.96	63.86	46.74	46.79	0.05	NA	NA	NA	3322.21	pump
IW-3	05/17/19	3368.96	63.86	Sheen	46.84	Sheen	NA	NA	NA	3322.12	pump
IW-3	05/24/19	3368.96	63.86	Sheen	46.86	Sheen	NA	NA	NA	3322.10	pump
IW-3	06/05/19	3368.96	63.86	Sheen	46.85	Sheen	NA	NA	NA	3322.11	pump
IW-3	06/14/19	3368.96	63.86	46.62	46.66	0.04	NA	NA	NA	3322.33	pump
IW-3	06/20/19	3368.96	63.86	Sheen	46.89	Sheen	NA	NA	NA	3322.07	pump
IW-3	06/25/19	3368.96	63.86	ND	46.61	ND	NA	NA	NA	3322.35	pump
IW-3	07/02/19	3368.96	63.86	46.60	46.61	0.01	NA	NA	NA	3322.36	pump
IW-3	07/10/19	3368.96	46.65	46.66	47.03	0.37	NA	NA	NA	3322.24	pump
IW-3	07/28/19	3368.96	63.86	Sheen	46.62	Sheen	NA	NA	NA	3322.34	pump
IW-3	08/11/19	3368.96	63.86	46.73	46.74	0.01	NA	NA	NA	3322.23	pump
IW-3	08/14/19	3368.96	63.86	46.77	46.88	0.11	NA	NA	NA	3322.17	pump
IW-3	08/21/19	3368.96	63.86	46.74	46.75	0.01	NA	NA	NA	3322.22	pump
IW-3	09/06/19	3368.96	63.86	46.75	46.80	0.05	NA	NA	NA	3322.20	pump
IW-3	09/12/19	3368.96	63.86	46.70	46.78	0.08	NA	NA	NA	3322.25	pump
IW-3	09/19/19	3368.96	63.86	46.77	46.83	0.06	NA	NA	NA	3322.18	pump
IW-3	10/08/19	3368.96	63.86	46.64	46.72	0.08	NA	NA	NA	3322.31	pump

TABLE 2
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-3	10/16/19	3368.96	63.86	46.60	46.68	0.08	NA	NA	NA	3322.35	pump
IW-3	10/23/19	3368.96	63.86	46.63	46.68	0.05	NA	NA	NA	3322.32	pump
IW-3	10/31/19	3368.96	63.86	46.76	46.83	0.07	NA	NA	NA	3322.19	pump
IW-3	11/05/19	3368.96	63.86	46.75	46.82	0.07	NA	NA	NA	3322.20	pump
IW-3	11/14/19	3368.96	63.86	46.78	46.85	0.07	NA	NA	NA	3322.17	pump
IW-3	11/26/19	3368.96	63.86	46.75	46.79	0.04	NA	NA	NA	3322.20	pump
IW-3	12/04/19	3368.96	63.86	46.78	46.82	0.04	NA	NA	NA	3322.17	pump
IW-3	12/13/19	3368.96	63.86	46.58	46.71	0.13	NA	NA	NA	3322.36	pump
IW-3	12/20/19	3368.96	63.86	46.60	46.70	0.10	NA	NA	NA	3322.35	pump
IW-3	12/26/19	3368.96	63.86	46.58	46.69	0.11	NA	NA	NA	3322.36	pump
IW-3	01/02/20	3368.96	63.86	46.62	46.74	0.12	NA	NA	NA	3322.32	pump
IW-3	01/09/20	3368.96	63.86	46.54	46.58	0.04	NA	NA	NA	3322.41	pump
IW-3	01/14/20	3368.96	63.86	46.54	46.56	0.02	NA	NA	NA	3322.42	pump
IW-3	01/30/20	3368.96	63.86	Sheen	46.57	Sheen	NA	NA	NA	3322.39	pump
IW-3	02/07/20	3368.96	63.86	ND	46.54	ND	NA	NA	NA	3322.42	pump
IW-3	02/12/20	3368.96	63.86	46.46	46.50	0.04	NA	NA	NA	3322.49	pump
IW-3	02/19/20	3368.96	63.86	46.48	46.52	0.04	NA	NA	NA	3322.47	pump
IW-3	02/26/20	3368.96	63.86	46.52	46.62	0.10	NA	NA	NA	3322.43	pump
IW-3	03/05/20	3368.96	63.86	46.52	46.58	0.06	NA	NA	NA	3322.43	pump
IW-3	03/11/20	3368.96	63.86	46.48	46.68	0.20	NA	NA	NA	3322.45	pump
IW-3	03/17/20	3368.96	63.86	46.48	46.50	0.02	NA	NA	NA	3322.48	pump
IW-3	03/23/20	3368.96	63.86	46.50	46.56	0.06	NA	NA	NA	3322.45	pump
IW-3	05/07/20	3368.96	63.86	46.54	46.59	0.05	NA	NA	NA	3322.41	pump
IW-3	05/20/20	3368.96	63.86	46.30	46.85	0.55	NA	NA	NA	3322.58	pump
IW-3	06/03/20	3368.96	63.86	46.28	46.79	0.51	NA	NA	NA	3322.60	pump
IW-3	06/24/20	3368.96	63.86	46.42	46.43	0.01	NA	NA	NA	3322.54	pump
IW-3	07/01/20	3368.96	63.86	46.35	46.52	0.17	NA	NA	NA	3322.58	pump
IW-3	07/14/20	3368.96	63.86	46.40	46.46	0.06	NA	NA	NA	3322.55	pump
IW-3	07/29/20	3368.96	63.86	46.39	46.45	0.06	NA	NA	NA	3322.56	pump
IW-3	08/13/20	3368.96	63.86	Sheen	46.48	Sheen	NA	NA	NA	3322.48	pump
IW-3	08/25/20	3368.96	63.86	ND	46.46	ND	NA	NA	NA	3322.50	pump
IW-3	09/16/20	3368.96	63.86	46.55	46.56	0.01	NA	NA	NA	3322.41	pump
IW-3	09/24/20	3368.96	63.86	46.58	46.61	0.03	NA	NA	NA	3322.38	pump
IW-3	10/29/20	3368.96	63.86	Sheen	46.42	Sheen	NA	NA	NA	3322.54	pump
IW-3	11/10/20	3368.96	63.86	46.44	46.45	0.01	NA	NA	NA	3322.52	pump
IW-3	11/24/20	3368.96	63.86	Sheen	46.48	Sheen	NA	NA	NA	3322.48	pump

TABLE 2
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Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-3	12/08/20	3368.96	63.86	46.68	46.75	0.07	NA	NA	NA	3322.27	pump
IW-3	12/22/20	3368.96	63.86	46.51	46.58	0.07	NA	NA	NA	3322.44	pump
IW-3	01/19/21	3368.96	63.86	46.48	46.56	0.08	NA	NA	NA	3322.47	pump
IW-3	02/02/21	3368.96	63.86	46.39	46.50	0.11	NA	NA	NA	3322.55	pump
IW-3	02/10/21	3368.96	63.86	46.34	46.42	0.08	NA	NA	NA	3322.61	pump
IW-3	02/25/21	3368.96	63.86	46.42	46.52	0.10	NA	NA	NA	3322.53	pump
IW-3	03/02/21	3368.96	63.86	46.32	46.55	0.23	NA	NA	NA	3322.61	pump
IW-3	03/16/21	3368.96	63.86	46.25	46.30	0.05	NA	NA	NA	3322.70	pump
IW-3	03/31/21	3368.96	63.86	46.48	46.59	0.11	NA	NA	NA	3322.46	pump
IW-3	04/16/21	3368.96	63.86	46.31	46.36	0.05	NA	NA	NA	3322.64	pump
IW-3	04/26/21	3368.96	63.86	46.13	46.24	0.11	NA	NA	NA	3322.81	pump
IW-3	05/14/21	3368.96	63.86	46.20	46.29	0.09	NA	NA	NA	3322.75	pump
IW-3	05/27/21	3368.96	63.86	46.19	46.23	0.04	NA	NA	NA	3322.76	pump
IW-3	06/11/21	3368.96	63.86	46.20	46.50	0.30	NA	NA	NA	3322.72	pump
IW-3	06/24/21	3368.96	63.86	46.14	46.48	0.34	NA	NA	NA	3322.77	pump
IW-3	07/08/21	3368.96	63.86	46.21	46.24	0.03	NA	NA	NA	3322.75	pump
IW-3	07/23/21	3368.96	63.86	46.27	46.31	0.04	NA	NA	NA	3322.68	pump
IW-3	08/13/21	3368.96	63.86	46.20	46.24	0.04	NA	NA	NA	3322.75	pump
IW-3	08/26/21	3368.96	63.86	46.44	46.51	0.07	NA	NA	NA	3322.51	pump
IW-3	08/31/21	3368.96	63.86	46.35	46.45	0.10	NA	NA	NA	3322.60	pump
IW-3	09/10/21	3368.96	63.86	46.38	46.45	0.07	NA	NA	NA	3322.57	pump
IW-3	09/30/21	3368.96	63.86	46.37	46.47	0.10	NA	NA	NA	3322.58	pump
IW-3	10/07/21	3368.96	63.86	46.40	46.49	0.09	NA	NA	NA	3322.55	pump
IW-3	10/21/21	3368.96	63.86	46.40	46.41	0.01	NA	NA	NA	3322.56	pump
IW-3	10/27/21	3368.96	63.86	46.35	46.48	0.13	NA	NA	NA	3322.59	pump
IW-3	11/04/21	3368.96	63.86	46.53	46.54	0.01	NA	NA	NA	3322.43	pump
IW-3	11/17/21	3368.96	63.86	46.48	46.51	0.03	NA	NA	NA	3322.48	pump
IW-3	12/03/21	3368.96	63.86	46.30	46.46	0.16	NA	NA	NA	3322.64	pump
IW-3	12/14/21	3368.96	63.86	46.46	46.47	0.01	NA	NA	NA	3322.50	pump
IW-3	12/31/21	3368.96	63.86	46.37	46.42	0.05	NA	NA	NA	3322.58	pump
IW-3	01/27/22	3368.96	63.86	46.35	46.43	0.08	NA	NA	NA	3322.60	pump
IW-3	02/10/22	3368.96	63.86	46.38	46.41	0.03	NA	NA	NA	3322.58	pump
IW-3	02/25/22	3368.96	63.86	46.30	46.37	0.07	NA	NA	NA	3322.65	pump
IW-3	03/23/22	3368.96	63.86	46.32	46.42	0.10	NA	NA	NA	3322.63	pump
IW-3	03/31/22	3368.96	63.86	46.24	46.29	0.05	NA	NA	NA	3322.71	pump
IW-3	04/05/22	3368.96	63.86	46.32	46.34	0.02	NA	NA	NA	3322.64	pump

TABLE 2
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Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-3	04/13/22	3368.96	63.86	46.35	46.51	0.16	NA	NA	NA	3322.59	pump
IW-3	04/28/22	3368.96	63.86	46.25	46.33	0.08	NA	NA	NA	3322.70	pump
IW-3	05/12/22	3368.96	63.86	46.28	46.48	0.20	NA	NA	NA	3322.65	pump
IW-3	05/24/22	3368.96	63.86	46.30	46.44	0.14	NA	NA	NA	3322.64	pump
IW-3	06/17/22	3368.96	63.86	46.27	46.47	0.20	NA	NA	NA	3322.66	pump
IW-3	06/22/22	3368.96	63.86	46.24	46.39	0.15	NA	NA	NA	3322.70	pump
IW-3	07/21/22	3368.96	63.86	46.42	46.45	0.03	NA	NA	NA	3322.54	pump
IW-3	08/18/22	3368.96	63.86	46.49	46.52	0.03	NA	NA	NA	3322.47	pump
IW-3	09/21/22	3368.96	63.86	46.60	46.78	0.18	NA	NA	NA	3322.33	pump
IW-3	09/28/22	3368.96	63.86	46.51	46.53	0.02	NA	NA	NA	3322.45	pump
IW-3	10/07/22	3368.96	63.86	46.66	46.78	0.12	NA	NA	NA	3322.28	pump
IW-3	10/19/22	3368.96	63.86	46.69	46.81	0.12	NA	NA	NA	3322.25	pump
IW-3	11/15/22	3368.96	63.86	46.61	46.74	0.13	NA	NA	NA	3322.33	pump
IW-3	12/06/22	3368.96	63.86	46.50	46.72	0.22	NA	NA	NA	3322.43	pump
IW-3	12/29/22	3368.96	63.86	46.52	46.78	0.26	NA	NA	NA	3322.40	pump

NA: Not applicable
ND: Not detected
NS: Not surveyed
NG: Not gauged

TABLE 3
2020-2021 GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Sample Date	Sample ID	SW 846-8060B			
			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	03/18/20	NS	NS	NS	NS	NS
MW-1	06/25/20	L1234440-01	**0.0133**	<0.005	<0.005	<0.0150
MW-1	09/16/20	NS	NS	NS	NS	NS
MW-1	12/08/20	NS	NS	NS	NS	NS
MW-1	03/16/21	L1329027-01	**0.0279**	0.00179	0.0221	0.0114
MW-1	06/24/21	L1372107-01	0.00798	<0.001	0.00283	0.0108
MW-1	09/01/21	L1399192-01	**0.0132**	<0.001	0.00358	0.00694
MW-1	12/15/21	NS	NS	NS	NS	NS
MW-1	03/24/22	NS	NS	NS	NS	NS
MW-1	06/22/22	L1509142-01	0.000564 J	<0.000278	<0.000137	0.00135 J
MW-1	09/29/22	L1541765-01	0.00338	<0.000278	0.00199	0.00211 J
MW-2	03/18/20	L1201829-01	<0.001	<0.001	<0.001	<0.003
MW-2	06/25/20	L1234440-02	<0.001	<0.001	<0.001	<0.003
MW-2	09/16/20	L1263779-01	<0.001	<0.001	<0.001	<0.003
MW-2	12/08/20	L1295433-01	<0.001	<0.001	<0.001	<0.003
MW-2	03/16/21	L1329027-02	<0.001	<0.001	<0.001	<0.003
MW-2	06/24/21	L1372107-02	<0.001	<0.001	<0.001	<0.003
MW-2	09/01/21	L1399192-02	<0.001	<0.001	<0.001	<0.003
MW-2	12/15/21	L1443626-01	<0.001	<0.001	<0.001	<0.003
MW-2	03/24/22	L1475832-01	<0.001	<0.001	<0.001	<0.003
MW-2	06/22/22	L1509142-02	<0.0000941	<0.000278	<0.000137	<0.000174
MW-2	09/29/22	L1541765-02	<0.0000941	<0.000278	<0.000137	<0.000174
MW-3	03/18/20	L1201829-02	<0.001	<0.001	<0.001	<0.003
MW-3	06/25/20	L1234440-03	<0.001	<0.001	<0.001	<0.003
MW-3	09/16/20	L1263779-02	<0.001	<0.001	<0.001	<0.003
MW-3	12/08/20	L1295433-02	<0.001	<0.001	<0.001	<0.003
MW-3	03/16/21	L1329027-03	<0.001	<0.001	<0.001	<0.003
MW-3	06/25/21	L1372107-03	<0.001	<0.001	<0.001	<0.003
MW-3	09/01/21	L1399192-03	<0.001	<0.001	<0.001	<0.003
MW-3	12/15/21	L1443626-02	<0.001	<0.001	<0.001	<0.003
MW-3	03/24/22	L1475832-02	<0.001	<0.001	<0.001	<0.003
MW-3	06/22/22	L1509142-03	<0.0000941	<0.000278	<0.000137	<0.000174
MW-3	09/29/22	L1541765-03	<0.0000941	<0.000278	<0.000137	<0.000174
MW-4	03/18/20	L1201829-03	<0.001	<0.001	<0.001	<0.003
MW-4	06/25/20	L1234440-04	<0.001	<0.001	<0.001	<0.003
MW-4	09/16/20	L1263779-03	<0.001	<0.001	<0.001	<0.003
MW-4	12/08/20	L1295433-03	<0.001	<0.001	<0.001	<0.003
MW-4	03/17/21	L1329027-04	<0.001	<0.001	<0.001	<0.003
MW-4	06/25/21	L1372107-04	<0.001	<0.001	<0.001	<0.003
MW-4	09/01/21	L1399192-04	<0.001	<0.001	<0.001	<0.003
MW-4	12/15/21	L1443626-03	<0.001	<0.001	<0.001	<0.003
MW-4	03/24/22	L1475832-03	<0.001	<0.001	<0.001	<0.003
MW-4	06/22/22	L1509142-04	<0.0000941	<0.000278	<0.000137	<0.000174
MW-4	09/29/22	L1541765-04	<0.0000941	<0.000278	<0.000137	<0.000174
MW-5	03/18/20	L1201829-04	<0.001	<0.001	<0.001	<0.003
MW-5	06/25/20	L1234440-05	<0.001	<0.001	<0.001	<0.003
MW-5	09/16/20	L1263779-04	<0.001	<0.001	<0.001	<0.003
MW-5	12/08/20	L1295433-04	<0.001	<0.001	<0.001	<0.003
MW-5	03/16/21	L1329027-05	<0.001	<0.001	<0.001	<0.003
MW-5	06/25/21	L1372107-05	<0.001	<0.001	<0.001	<0.003
MW-5	09/01/21	L1399192-05	<0.001	<0.001	<0.001	<0.003
MW-5	12/15/21	L1443626-04	<0.001	<0.001	<0.001	<0.003
MW-5	03/24/22	L1475832-04	<0.001	<0.001	<0.001	<0.003
MW-5	06/22/22	L1509142-05	<0.0000941	<0.000278	<0.000137	<0.000174
MW-5	09/29/22	L1541765-05	<0.0000941	<0.000278	<0.000137	<0.000174

TABLE 3
2020-2021 GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Sample Date	Sample ID	SW 846-8060B			
			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	03/18/20	L1201829-05	<0.001	<0.001	<0.001	<0.003
MW-6	06/25/20	L1234440-06	<0.001	<0.001	<0.001	<0.003
MW-6	09/16/20	L1263779-05	<0.001	<0.001	<0.001	<0.003
MW-6	12/08/20	L1295433-05	<0.001	<0.001	<0.001	<0.003
MW-6	03/17/21	L1329027-06	<0.001	<0.001	<0.001	<0.003
MW-6	06/25/21	L1372107-06	<0.001	<0.001	<0.001	<0.003
MW-6	09/01/21	L1399192-06	<0.001	<0.001	<0.001	<0.003
MW-6	12/15/21	L1443626-05	<0.001	<0.001	<0.001	<0.003
MW-6	03/24/22	L1475832-05	<0.001	<0.001	<0.001	<0.003
MW-6	06/22/22	L1509142-06	<0.0000941	<0.000278	<0.000137	<0.000174
MW-6	09/29/22	L1541765-06	<0.0000941	<0.000278	<0.000137	<0.000174
MW-7	03/18/20	L1201829-06	<0.001	<0.001	<0.001	<0.003
MW-7	06/25/20	L1234440-07	<0.001	<0.001	<0.001	<0.003
MW-7	09/16/20	L1263779-06	<0.001	<0.001	<0.001	<0.003
MW-7	12/08/20	L1295433-06	<0.001	<0.001	<0.001	<0.003
MW-7	03/16/21	L1329027-07	<0.001	<0.001	<0.001	<0.003
MW-7	06/24/21	L1372107-07	<0.001	<0.001	<0.001	<0.003
MW-7	09/01/21	L1399192-07	<0.001	<0.001	<0.001	<0.003
MW-7	12/15/21	L1443626-06	<0.001	<0.001	<0.001	<0.003
MW-7	03/24/22	L1475832-06	<0.001	<0.001	<0.001	<0.003
MW-7	06/22/22	L1509142-07	<0.0000941	<0.000278	<0.000137	<0.000174
MW-7	09/29/22	L1541765-07	<0.0000941	<0.000278	<0.000137	<0.000174
MW-8	03/18/20	L1201829-07	<0.001	<0.001	<0.001	<0.003
MW-8	06/25/20	L1234440-08	<0.001	<0.001	<0.001	<0.003
MW-8	09/16/20	L1263779-07	<0.001	<0.001	<0.001	<0.003
MW-8	12/08/20	L1295433-07	<0.001	<0.001	<0.001	<0.003
MW-8	03/16/21	L1329027-08	<0.001	<0.001	<0.001	<0.003
MW-8	06/24/21	L1372107-08	<0.001	<0.001	<0.001	<0.003
MW-8	09/01/21	L1399192-08	<0.001	<0.001	<0.001	<0.003
MW-8	12/15/21	L1443626-07	<0.001	<0.001	<0.001	<0.003
MW-8	03/24/22	L1475832-07	<0.001	<0.001	<0.001	<0.003
MW-8	06/22/22	L1509142-08	<0.0000941	<0.000278	<0.000137	<0.000174
MW-8	09/29/22	L1541765-08	<0.0000941	<0.000278	<0.000137	<0.000174
MW-9	03/18/20	L1201829-08	<0.001	<0.001	<0.001	<0.003
MW-9	06/25/20	L1234440-09	<0.001	<0.001	<0.001	<0.003
MW-9	09/16/20	L1263779-08	<0.001	<0.001	<0.001	<0.003
MW-9	12/08/20	L1295433-08	<0.001	<0.001	<0.001	<0.003
MW-9	03/16/21	L1329027-09	<0.001	<0.001	<0.001	<0.003
MW-9	06/25/21	L1372107-09	<0.001	<0.001	<0.001	<0.003
MW-9	09/01/21	L1399192-09	<0.001	<0.001	<0.001	<0.003
MW-9	12/15/21	L1443626-08	<0.001	<0.001	<0.001	<0.003
MW-9	03/24/22	L1475832-08	<0.001	<0.001	<0.001	<0.003
MW-9	06/22/22	L1509142-09	<0.0000941	<0.000278	<0.000137	<0.000174
MW-9	09/29/22	L1541765-09	<0.0000941	<0.000278	<0.000137	<0.000174
RW-1	03/18/20	L1201829-09	**0.0431**	<0.005	0.0496	0.0451
RW-1	06/25/20	L1234440-10	**0.0663**	<0.001	0.0320	0.0381
RW-1	09/16/20	NS	NS	NS	NS	NS
RW-1	12/08/20	NS	NS	NS	NS	NS
RW-1	03/16/21	L1329027-10	**0.0318**	<0.001	0.0148	0.0231
RW-1	06/24/21	L1372107-10	**0.0383**	<0.001	0.0107	0.00850
RW-1	09/01/21	L1399192-10	**0.0143**	<0.001	0.00696	0.0139
RW-1	12/15/21	NS	NS	NS	NS	NS
RW-1	03/24/22	L1475832-09	**0.0135**	<0.001	0.00320	0.00541
RW-1	06/22/22	L1509142-10	**0.0242**	<0.000278	0.000755 J	0.00103 J
RW-1	09/29/22	NS	NS	NS	NS	NS

TABLE 3
2020-2021 GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Sample Date	Sample ID	SW 846-8060B			
			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	03/18/20	L1201829-10	<0.001	<0.001	0.00210	<0.003
RW-2	06/25/20	L1234440-11	0.00396	<0.001	0.0146	<0.003
RW-2	09/16/20	L1263779-09	**0.0110**	<0.001	0.0166	<0.003
RW-2	12/08/20	L1295433-09	<0.001	<0.001	0.00137	<0.003
RW-2	03/16/21	L1329027-11	<0.001	<0.001	<0.001	<0.003
RW-2	06/24/21	L1372107-11	0.00145	<0.001	0.00681	<0.003
RW-2	09/01/21	NS	NS	NS	NS	NS
RW-2	12/15/21	NS	NS	NS	NS	NS
RW-2	03/24/22	NS	NS	NS	NS	NS
RW-2	06/22/22	L1509142-11	<0.0000941	<0.000278	0.00142	0.000303 J
RW-2	09/29/22	NS	NS	NS	NS	NS
RW-3	03/18/20	NS	NS	NS	NS	NS
RW-3	06/25/20	L1234440-12	**0.0406**	0.00101	0.0357	0.0247
RW-3	09/16/20	L1263779-10	**0.0561**	0.00171	0.0197	0.0228
RW-3	12/08/20	NS	NS	NS	NS	NS
RW-3	03/16/21	NS	NS	NS	NS	NS
RW-3	06/25/21	L1372107-12	0.00766	<0.001	0.00184	0.00676
RW-3	09/01/21	NS	NS	NS	NS	NS
RW-3	12/15/21	NS	NS	NS	NS	NS
RW-3	03/24/22	NS	NS	NS	NS	NS
RW-3	06/22/22	L1509142-12	0.00554	0.000327 J	0.00111	0.00452
RW-3	09/29/22	NS	NS	NS	NS	NS
RW-4	03/18/20	L1201829-11	0.00108	<0.001	0.0291	<0.003
RW-4	06/25/20	L1234440-13	<0.001	<0.001	0.00942	<0.003
RW-4	09/16/20	L1263779-11	<0.001	<0.001	0.00230	<0.003
RW-4	12/08/20	L1295433-10	<0.001	<0.001	0.0023	<0.003
RW-4	03/16/21	L1329027-12	<0.001	<0.001	0.00135	<0.003
RW-4	06/25/21	L1372107-13	<0.001	<0.001	<0.001	<0.003
RW-4	09/01/21	L1399192-11	0.00133	<0.001	0.00108	<0.003
RW-4	12/15/21	L1443626-09	<0.001	<0.001	<0.001	<0.003
RW-4	03/24/22	NS	NS	NS	NS	NS
RW-4	06/22/22	L1509142-13	<0.0000941	<0.000278	<0.000137	0.000188 J
RW-4	09/29/22	L1541765-10	<0.0000941	<0.000278	<0.000137	<0.000174
RW-5	03/18/20	L1201829-12	0.00367	<0.001	0.00213	<0.003
RW-5	06/25/20	L1234440-14	<0.001	<0.001	<0.001	<0.003
RW-5	09/16/20	L1263779-12	<0.001	<0.001	<0.001	<0.003
RW-5	12/08/20	L1295433-11	<0.001	<0.001	<0.001	<0.003
RW-5	03/16/21	L1329027-13	<0.001	<0.001	<0.001	<0.003
RW-5	06/25/21	L1372107-14	<0.001	<0.001	0.00105	<0.003
RW-5	09/01/21	L1399192-12	<0.001	<0.001	<0.001	<0.003
RW-5	12/15/21	NS	NS	NS	NS	NS
RW-5	03/24/22	NS	NS	NS	NS	NS
RW-5	06/22/22	L1509142-14	<0.0000941	<0.000278	<0.000137	<0.000174
RW-5	09/29/22	L1541765-11	<0.0000941	<0.000278	<0.000137	<0.000174
IW-1	03/18/20	L1201829-13	**1.32**	<0.0500	0.565	0.441
IW-1	06/25/20	L1234440-15	**0.258**	<0.010	0.210	0.151
IW-1	09/16/20	NS	NS	NS	NS	NS
IW-1	12/08/20	NS	NS	NS	NS	NS
IW-1	03/16/21	NS	NS	NS	NS	NS
IW-1	06/25/21	L1372107-15	**0.175**	<0.010	0.208	0.240
IW-1	09/01/21	NS	NS	NS	NS	NS
IW-1	12/15/21	NS	NS	NS	NS	NS
IW-1	03/24/22	NS	NS	NS	NS	NS
IW-1	06/22/22	L1509142-15	**0.0313**	<0.000278	0.0954	0.0929

TABLE 3
2020-2021 GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Sample Date	Sample ID	SW 846-8060B			
			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
IW-2	03/18/20	NS	NS	NS	NS	NS
IW-2	06/25/20	L1234440-16	0.00983	<0.001	0.00307	0.0236
IW-2	09/16/20	L1263779-13	**0.0799**	<0.001	0.0141	0.0152
IW-2	12/08/20	NS	NS	NS	NS	NS
IW-2	03/16/21	L1329027-14	**0.0306**	<0.001	0.00853	0.00561
IW-2	06/25/21	L1372107-16	**0.0125**	<0.001	0.00131	0.00366
IW-2	09/01/21	L1399192-13	**0.0126**	<0.001	<0.001	0.00486
IW-2	12/15/21	NS	NS	NS	NS	NS
IW-2	03/24/22	NS	NS	NS	NS	NS
IW-2	06/22/22	L1509142-16	0.00717	<0.000278	0.00282	0.00225 J
IW-3	03/18/20	NS	NS	NS	NS	NS
IW-3	06/25/20	L1234440-17	**1.01**	<0.005	0.507	**0.808**
IW-3	09/16/20	NS	NS	NS	NS	NS
IW-3	12/08/20	NS	NS	NS	NS	NS
IW-3	03/16/21	NS	NS	NS	NS	NS
IW-3	06/25/21	L1372107-17	**0.386**	<0.0200	0.316	0.352
IW-3	09/01/21	NS	NS	NS	NS	NS
IW-3	12/15/21	NS	NS	NS	NS	NS
IW-3	03/24/22	NS	NS	NS	NS	NS
IW-3	06/22/22	L1509142-17	**0.0584**	<0.00556	0.141	0.133

NMOCD: New Mexico Oil Conservation Division
Exceedences of NMOCD Remediation Criteria are shown in **bold**
J: Analyte detected below method detection limit (MDL but above sample detection limit (SDL)
[a] = Results from run 2 (dilution factor = 5)
* Values reported from run 2 as carry over was reported in run 1

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
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	0.75	0.75	0.62
MW-1	06/02/11	1106109-01	**2.7**	0.030	0.64	0.56
MW-1	02/23/12	NS	NS	NS	NS	NS
MW-1	05/22/12	12051130-01	**2.2**	<0.020	0.54	0.19
MW-1	09/12/12	NS	NS	NS	NS	NS
MW-1	11/19/12	NS	NS	NS	NS	NS
MW-1	02/28/13	NS	NS	NS	NS	NS
MW-1	06/13/13	L641626-01	**1.7**	0.17	0.69	0.61
MW-1	09/10/13	NS	NS	NS	NS	NS
MW-1	12/11/13	NS	NS	NS	NS	NS
MW-1	03/06/14	NS	NS	NS	NS	NS
MW-1	06/06/14	L703463-01	**2.6**	0.24 J	0.52	0.68
MW-1	06/15/15	L772316-01	**0.48**	<0.050	0.26	0.24
MW-1	05/18/16	L836880-01	**0.336**	<0.005	0.269	0.184
MW-1	09/20/16	NS	NS	NS	NS	NS
MW-1	05/10/17	L908975-01	**0.877**	0.00738	0.357	0.173
MW-1	06/05/18	L1000318-01	**0.0344**	<0.001	0.262	0.0208
MW-1	05/08/19	L1098116-01	**0.0314**	0.00620	0.168	<0.0150
MW-1	06/25/20	L1234440-01	**0.0133**	<0.005	<0.005	<0.0150
MW-1	03/16/21	L1329027-01	**0.0279**	0.00179	0.0221	0.0144
MW-1	06/24/21	L1372107-01	0.00798	<0.001	0.00283	0.0108
MW-1	09/01/21	L1399192-01	**0.0132**	<0.001	0.00358	0.00694
MW-1	03/24/22	NS	NS	NS	NS	NS
MW-1	06/22/22	L1509142-01	0.000564 J	<0.000278	<0.000137	0.00135 J
MW-1	09/29/22	L1541765-01	0.00338	<0.000278	0.00199	0.00211 J
MW-1	12/07/22	NS	NS	NS	NS	NS
MW-2	03/28/06	T13037-1	**0.243**	0.00750	0.04570	0.09390
MW-2	06/15/06	T13863-1	**0.333**	0.00330 J	0.01960	0.01040
MW-2	09/12/06	T14672-1	**0.178**	<0.00020	0.01780	0.00940
MW-2	12/06/06	T15622-1	**0.21400** [a]	<0.00020	0.01850	0.00800
MW-2	02/28/07	T16496-1	**0.18600** [a]	<0.00020	0.01410	0.00150
MW-2	05/30/07	T17641-1	**0.27000** [a]	<0.00023	0.01880	0.00290
MW-2	09/07/07	T18808-1	0.00210	<0.00023	<0.00035	0.00680
MW-2	11/13/07	T19744-1	<0.0005	<0.0005	<0.0005	<0.001
MW-2	02/28/08	T21043-1	<0.00021	<0.00023	<0.00035	0.00150 J
MW-2	05/20/08	T22267-2	**0.27800** [a]	<0.00023	0.03200	0.00069 J
MW-2	08/20/08	T23512-1	**0.01080**	<0.0005	<0.0005	<0.001
MW-2	11/20/08	180209	**0.176**	<0.00100	0.00630	<0.00100
MW-2	02/18/09	9021907	**0.117**	<0.00100	<0.00100	<0.00100
MW-2	05/20/09	9052216	**0.0357**	<0.000188	0.00050 J	<0.000163
MW-2	08/27/09	9083116	**0.0172**	<0.000188	0.0011	<0.000163
MW-2	11/18/09	215423	0.0007 J	<0.000332	<0.00023	<0.000143
MW-2	02/09/10	222042	<0.000371	<0.000400	0.0012	<0.000379
MW-2	05/12/10	1005477-02	<0.001	<0.001	0.0041	<0.003

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
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	0.75	0.75	0.62
MW-2	08/26/10	1008902-01	<0.001	<0.001	0.0033	<0.003
MW-2	11/18/10	1011750-01	<0.001	<0.001	0.0036	<0.003
MW-2	02/23/11	1102702-01	<0.001	<0.001	0.0060	<0.003
MW-2	06/02/11	1106118-01	<0.001	<0.001	0.0090	<0.003
MW-2	08/30/11	11081012-01	<0.001	<0.001	0.0061	<0.003
MW-2	11/29/11	1111902-01	<0.001	<0.001	0.0015	<0.003
MW-2	02/23/12	120873-01	<0.001	<0.001	0.0018	<0.003
MW-2	05/23/12	12051130-02	<0.001	<0.001	<0.001	<0.003
MW-2	09/12/12	1209473-01	<0.001	<0.001	<0.001	<0.003
MW-2	11/19/12	1211764-01	<0.001	<0.001	<0.001	<0.003
MW-2	02/28/13	L622670-01	<0.001	<0.005	<0.001	<0.003
MW-2	06/13/13	L641626-01	<0.001	<0.005	<0.001	<0.003
MW-2	09/10/13	L656792-01	<0.001	<0.005	<0.001	<0.003
MW-2	12/11/13	L674081-01	<0.001	<0.005	<0.001	<0.003
MW-2	03/06/14	L686979-01	<0.001	<0.005	<0.001	<0.003
MW-2	06/05/14	L703463-02	<0.001	<0.005	<0.001	<0.003
MW-2	09/16/14	L722829-01	<0.001	<0.005	<0.001	<0.003
MW-2	11/13/14	L733920-01	<0.001	<0.005	<0.001	<0.003
MW-2	02/26/15	L750804-01	<0.001	<0.005	<0.001	<0.003
MW-2	06/15/15	L772316-02	<0.001	<0.005	<0.001	<0.003
MW-2	08/27/15	L785927-01	<0.001	<0.005	<0.001	<0.003
MW-2	11/18/15	L802567-01	<0.001	<0.005	<0.001	<0.003
MW-2	03/09/16	L822606-01	<0.001	<0.005	<0.001	<0.003
MW-2	05/18/16	L836880-02	<0.001	<0.005	<0.001	<0.003
MW-2	09/20/16	L860932-01	<0.001	<0.005	<0.001	<0.003
MW-2	03/01/17	L893442-01	<0.001	<0.001	<0.001	<0.003
MW-2	05/10/17	L908975-02	<0.001	<0.001	<0.001	<0.003
MW-2	09/15/17	L936888-01	<0.001	<0.005	<0.001	<0.003
MW-2	11/29/17	L954386-01	<0.001	<0.001	<0.001	<0.003
MW-2	03/07/18	L976400-01	<0.001	<0.001	<0.001	<0.003
MW-2	06/05/18	L1000318-02	<0.001	<0.001	<0.001	<0.003
MW-2	09/06/18	L1023654-01	<0.001	<0.001	<0.001	<0.003
MW-2	11/28/18	L1048598-01	<0.001	<0.001	<0.001	<0.003
MW-2	02/13/19	L1070835-01	<0.001	<0.001	<0.001	<0.003
MW-2	05/08/19	L1098116-02	<0.001	0.00297	<0.001	<0.003
MW-2	08/22/19	L1132371-01	<0.001	<0.001	<0.001	<0.003
MW-2	11/06/19	L1158978-01	<0.001	<0.001	<0.001	<0.003
MW-2	03/18/20	L1201829-01	<0.001	<0.001	<0.001	<0.003
MW-2	06/25/20	L1234440-02	<0.001	<0.001	<0.001	<0.003
MW-2	09/16/20	L1263779-01	<0.001	<0.001	<0.001	<0.003
MW-2	12/08/20	L1295433-01	<0.001	<0.001	<0.001	<0.003
MW-2	03/16/21	L1329027-02	<0.001	<0.001	<0.001	<0.003
MW-2	06/24/21	L1372107-02	<0.001	<0.001	<0.001	<0.003
MW-2	09/01/21	L1399192-02	<0.001	<0.001	<0.001	<0.003

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
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	0.75	0.75	0.62
MW-2	12/15/21	L1443626-01	<0.001	<0.001	<0.001	<0.003
MW-2	03/24/22	L1475832-01	<0.0000941	<0.000278	<0.000137	<0.000174
MW-2	06/22/22	L1509142-02	<0.0000941	<0.000278	<0.000137	<0.000174
MW-2	09/29/22	L1541765-02	<0.0000941	<0.000278	<0.000137	<0.000174
MW-2	12/07/22	L1566272-01	<0.000493	<0.000462	<0.000998	<0.00132 J3J6
MW-3	03/28/06	T13037-2	**0.501**	0.07580	0.05180	0.06270
MW-3	06/15/06	T13863-2	**0.432**	<0.0018	0.06030	0.04530
MW-3	09/12/06	T14672-2	**0.0612**	<0.00020	0.00490	<0.00036
MW-3	12/06/06	T15622-2	**0.19000** [a]	0.00110	0.02470	0.00360
MW-3	02/28/07	T16496-2	**0.05830**	0.00054 J	0.00520	0.00360
MW-3	05/30/07	T17641-2	**0.05620**	<0.00023	0.00410	<0.00055
MW-3	09/07/07	T18808-2	<0.00021	<0.00023	0.00790	<0.00055
MW-3	11/13/07	T19744-2	<0.0005	<0.0005	<0.0005	<0.001
MW-3	02/28/08	T21043-2	<0.00021	<0.00023	<0.00035	<0.00055
MW-3	05/20/08	T22267-3	**0.74800** [a]	0.00030 J	0.06190	0.00084 J
MW-3	08/20/08	T23512-2	**0.0459**	<0.0005	0.0021	<0.001
MW-3	11/20/08	180210	**0.0575**	0.0268	0.0152	0.0875
MW-3	02/18/09	9021907	0.0070	0.0025	<0.00100	<0.00100
MW-3	05/20/09	9052216	**0.1660**	0.1820	0.1050	0.2120
MW-3	08/27/09	9083116	0.0096	0.0248	0.0123	0.0189
MW-3	11/18/09	215424	0.0096	0.00700	0.0115	0.0184
MW-3	02/09/10	222043	<0.000371	<0.000400	0.0011	0.0007 J
MW-3	05/12/10	1005477-03	**0.0170**	<0.001	0.027	0.016
MW-3	08/26/10	1008902-02	0.0084	<0.001	0.0360	0.0250
MW-3	11/18/10	1011750-02	0.0030	<0.001	0.0046	0.00340
MW-3	02/23/11	1102702-02	0.0029	<0.001	0.0059	0.0047
MW-3	06/02/11	1106118-02	**0.0130**	<0.001	0.015	0.015
MW-3	08/30/11	11081012-02	0.0016	<0.001	0.0054	0.0071
MW-3	11/29/11	1111902-02	0.0041	<0.001	0.0079	0.014
MW-3	02/23/12	1202873-02	0.0024	<0.001	0.0080	0.0015
MW-3	05/23/12	12051130-03	**0.022**	0.0031	0.09	0.14
MW-3	09/12/12	1209473-02	**1.4**	<0.001	**3.0**	<0.003
MW-3	11/19/12	1209473-02	**0.51 J**	<0.001	**0.85 J**	**1.1 J**
MW-3	02/28/13	L622670-02	<0.001	<0.005	<0.001	<0.003
MW-3	06/12/13	L641626-03	**0.04**	0.12	0.077	0.18
MW-3	06/06/14	L703463-03	<0.001	<0.005	0.0034	0.01
MW-3	09/16/14	L722829-02	<0.001	<0.005	<0.001	<0.003
MW-3	06/15/15	L772316-03	<0.001	<0.005	<0.001	<0.003
MW-3	11/18/15	L802567-02	<0.001	<0.005	0.000569 J	<0.003
MW-3	03/09/16	L822606-02	<0.001	<0.005	<0.001	<0.003
MW-3	05/18/16	L836880-03	<0.001	<0.005	<0.001	<0.003
MW-3	09/20/16	L860932-02	<0.001	<0.005	<0.001	<0.003
MW-3	03/01/17	L893442-02	<0.001	<0.001	<0.001	<0.003

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
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	0.75	0.75	0.62
MW-3	05/10/17	L908975-03	<0.001	<0.005	<0.001	<0.003
MW-3	09/15/17	L936888-02	<0.001	<0.005	<0.001	<0.003
MW-3	11/29/17	L954386-02	<0.001	<0.001	<0.001	<0.003
MW-3	03/07/18	L976400-02	<0.001	<0.001	<0.001	<0.003
MW-3	06/05/18	L1000318-03	<0.001	<0.001	<0.001	<0.003
MW-3	09/06/18	L1023654-02	<0.001	<0.001	<0.001	<0.003
MW-3	11/28/18	L1048598-02	<0.001	<0.001	<0.001	<0.003
MW-3	02/13/19	L1070835-02	<0.001	<0.001	<0.001	<0.003
MW-3	05/08/19	L1098116-03	<0.001	0.00407	<0.001	<0.003
MW-3	08/22/19	L1132371-02	<0.001	<0.001	<0.001	<0.003
MW-3	11/06/19	L1158978-02	<0.001	<0.001	<0.001	<0.003
MW-3	03/18/20	L1201829-02	<0.001	<0.001	<0.001	<0.003
MW-3	06/25/20	L1234440-03	<0.001	<0.001	<0.001	<0.003
MW-3	09/16/20	L1263779-02	<0.001	<0.001	<0.001	<0.003
MW-3	12/08/20	L1295433-02	<0.001	<0.001	<0.001	<0.003
MW-3	03/16/21	L1329027-03	<0.001	<0.001	<0.001	<0.003
MW-3	06/25/21	L1372107-03	<0.001	<0.001	<0.001	<0.003
MW-3	09/01/21	L1399192-03	<0.001	<0.001	<0.001	<0.003
MW-3	12/15/21	L1443626-02	<0.001	<0.001	<0.001	<0.003
MW-3	03/24/22	L1475832-02	<0.0000941	<0.000278	<0.000137	<0.000174
MW-3	06/22/22	L1509142-03	<0.0000941	<0.000278	<0.000137	<0.000174
MW-3	09/29/22	L1541765-03	<0.0000941	<0.000278	<0.000137	<0.000174
MW-3	12/07/22	L1566272-02	<0.000493	<0.000462	<0.000998	<0.00132
MW-4	03/28/06	T13037-3	<0.00038	<0.00036	<0.00035	<0.00072
MW-4	06/15/06	T13863-3	<0.00038	<0.00036	<0.00035	<0.00072
MW-4	09/12/06	T14672-3	<0.00035	<0.00020	<0.00033	<0.00036
MW-4	12/06/06	T15622-3	<0.00035	<0.00020	<0.00033	<0.00036
MW-4	02/28/07	T16496-3	<0.00035	<0.00020	<0.00033	<0.00036
MW-4	05/30/07	T17641-3	<0.00021	<0.00023	<0.00035	<0.00055
MW-4	09/07/07	T18808-3	<0.00021	<0.00023	<0.00035	<0.00055
MW-4	11/13/07	T19744-3	<0.0005	<0.0005	<0.0005	<0.001
MW-4	02/28/08	T21043-3	<0.00021	<0.00023	<0.00035	<0.00055
MW-4	05/20/08	T22267-4	<0.00021	<0.00023	<0.00035	<0.00055
MW-4	08/20/08	T23512-3	<0.0005	<0.0005	<0.0005	<0.001
MW-4	11/20/08	180211	<0.00100	<0.00100	<0.00100	<0.00100
MW-4	02/18/09	9021907	<0.00100	<0.00100	<0.00100	<0.00100
MW-4	05/20/09	9052216	<0.000149	<0.000188	<0.000178	<0.000163
MW-4	08/27/09	9083116	<0.000149	<0.000188	<0.000178	<0.000163
MW-4	11/18/09	215425	<0.000160	<0.000332	<0.000230	<0.000143
MW-4	02/09/10	222044	<0.000371	<0.000400	<0.000430	<0.000379
MW-4	05/12/10	1005477-04	<0.001	<0.001	<0.001	<0.003
MW-4	08/26/10	1008902-03	<0.001	<0.001	<0.001	<0.003
MW-4	11/18/10	1011750-03	<0.001	<0.001	<0.001	<0.003

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
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	0.75	0.75	0.62
MW-4	02/23/11	1102702-03	<0.001	<0.001	<0.001	<0.003
MW-4	06/02/11	1106118-03	<0.001	<0.001	<0.001	<0.003
MW-4	08/30/11	11081012-03	<0.001	<0.001	<0.001	<0.003
MW-4	11/29/11	1111902-03	<0.001	<0.001	<0.001	<0.003
MW-4	02/23/12	1202873-03	<0.0010	<0.0010	<0.0010	<0.003
MW-4	05/23/12	12051130-04	<0.001	<0.001	<0.001	<0.003
MW-4	09/12/12	1209473-03	<0.001	<0.001	<0.001	<0.003
MW-4	11/19/12	1211764-03	<0.001	<0.001	<0.001	<0.003
MW-4	02/28/13	L622670-03	<0.001	<0.005	<0.001	<0.003
MW-4	06/12/13	L641626-04	<0.001	<0.005	<0.001	<0.003
MW-4	09/10/13	L656792-02	<0.001	<0.005	<0.001	<0.003
MW-4	12/11/13	L674081-02	<0.001	<0.005	<0.001	<0.003
MW-4	03/06/14	L686979-02	<0.001	<0.005	<0.001	<0.003
MW-4	06/04/14	L703463-04	<0.001	<0.005	<0.001	<0.003
MW-4	09/16/14	L722829-03	<0.001	<0.005	<0.001	<0.003
MW-4	11/13/14	L733920-02	<0.001	<0.005	<0.001	<0.003
MW-4	02/26/15	L705804-02	<0.001	<0.005	<0.001	<0.003
MW-4	06/15/15	L772316-04	<0.001	<0.005	<0.001	<0.003
MW-4	08/27/15	L785927-02	<0.001	<0.005	<0.001	<0.003
MW-4	11/18/15	L802567-03	<0.001	<0.005	<0.001	<0.003
MW-4	03/09/16	L822606-03	<0.001	<0.005	<0.001	<0.003
MW-4	05/18/16	L836880-04	<0.001	<0.005	<0.001	<0.003
MW-4	09/20/16	L860932-03	<0.001	<0.005	<0.001	<0.003
MW-4	03/01/17	L893442-03	<0.001	<0.001	<0.001	<0.003
MW-4	05/10/17	L908975-04	<0.001	<0.005	<0.001	<0.003
MW-4	09/15/17	L936888-03	<0.001	<0.005	<0.001	<0.003
MW-4	11/29/17	L954386-03	<0.001	<0.001	<0.001	<0.003
MW-4	03/07/18	L976400-03	<0.001	<0.001	<0.001	<0.003
MW-4	06/05/18	L1000318-04	<0.001	<0.001	<0.001	<0.003
MW-4	09/06/18	L1023654-03	<0.001	<0.001	<0.001	<0.003
MW-4	11/28/18	L1048598-03	<0.001	<0.001	<0.001	<0.003
MW-4	02/13/19	L1070835-03	<0.001	<0.001	<0.001	<0.003
MW-4	05/08/19	L1098116-04	<0.001	<0.001	<0.001	<0.003
MW-4	08/22/19	L1132371-03	<0.001	<0.001	<0.001	<0.003
MW-4	11/06/19	L1158978-03	<0.001	<0.001	<0.001	<0.003
MW-4	03/18/20	L1201829-03	<0.001	<0.001	<0.001	<0.003
MW-4	06/25/20	L1234440-04	<0.001	<0.001	<0.001	<0.003
MW-4	09/16/20	L1263779-03	<0.001	<0.001	<0.001	<0.003
MW-4	12/08/20	L1295433-03	<0.001	<0.001	<0.001	<0.003
MW-4	03/16/21	L1329027-04	<0.001	<0.001	<0.001	<0.003
MW-4	06/25/21	L1372107-04	<0.001	<0.001	<0.001	<0.003
MW-4	09/01/21	L1399192-04	<0.001	<0.001	<0.001	<0.003
MW-4	12/15/21	L1443626-03	<0.001	<0.001	<0.001	<0.003
MW-4	03/24/22	L1475832-03	<0.0000941	<0.000278	<0.000137	<0.000174

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
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	0.75	0.75	0.62
MW-4	06/22/22	L1509142-04	<0.0000941	<0.000278	<0.000137	<0.000174
MW-4	09/29/22	L1541765-04	<0.0000941	<0.000278	<0.000137	<0.000174
MW-4	12/07/22	L1566272-03	<0.000493	<0.000462	<0.000998	<0.00132
MW-5	03/28/06	T13037-4	<0.00038	<0.00036	<0.00035	<0.00072
MW-5	06/15/06	T13863-4	<0.00038	<0.00036	<0.00035	<0.00072
MW-5	09/12/06	T14672-4	<0.00035	<0.00020	<0.00033	<0.00036
MW-5	12/06/06	T15622-4	<0.00035	<0.00020	<0.00033	<0.00036
MW-5	02/28/07	T16496-4	<0.00035	<0.00020	<0.00033	<0.00036
MW-5	05/30/07	T17641-4	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	09/07/07	T18808-4	<0.00021	<0.00023	<0.00035	<0.00055
MW-5	11/13/07	T19744-4	<0.0005	<0.0005	<0.0005	<0.001
MW-5	02/28/08	T21043-4	<0.00021	<0.00023	0.00210	<0.00055
MW-5	05/20/08	T22267-5	0.00120	<0.00023	<0.00035	<0.00055
MW-5	08/20/08	T23512-4	<0.0005	<0.0005	<0.0005	<0.001
MW-5	11/20/08	180212	<0.00100	<0.00100	<0.00100	<0.00100
MW-5	02/18/09	9021907	<0.00100	<0.00100	<0.00100	<0.00100
MW-5	05/20/09	9052216	<0.000149	<0.000188	<0.000178	<0.000163
MW-5	08/27/09	9083116	<0.000149	<0.000188	<0.000178	<0.000163
MW-5	11/18/09	215426	<0.000160	<0.000332	<0.000230	<0.000143
MW-5	02/09/10	222045	<0.000208	<0.000208	0.0010	0.0013
MW-5	05/12/10	1005477-05	<0.001	<0.001	0.0018	<0.003
MW-5	08/26/10	1008902-04	<0.001	<0.001	<0.001	<0.003
MW-5	11/18/10	1011750-04	<0.001	<0.001	<0.001	<0.003
MW-5	02/23/11	1102702-04	<0.001	<0.001	<0.001	<0.003
MW-5	06/02/11	1106118-04	<0.001	<0.001	<0.001	<0.003
MW-5	08/30/11	11081012-04	<0.001	<0.001	<0.001	<0.003
MW-5	11/29/11	1111902-04	<0.001	<0.001	<0.001	<0.003
MW-5	02/23/12	1202873-04	<0.0010	<0.0010	<0.0010	<0.003
MW-5	05/23/12	12051130-05	<0.001	<0.001	<0.001	<0.003
MW-5	09/12/12	1209473-04	<0.001	<0.001	<0.001	<0.003
MW-5	11/19/12	1211764-04	<0.001	<0.001	<0.001	<0.003
MW-5	02/28/13	L622670-04	<0.001	<0.005	<0.001	<0.003
MW-5	06/12/13	L641626-05	<0.001	<0.005	<0.001	<0.003
MW-5	09/10/13	L656792-03	<0.001	<0.005	<0.001	<0.003
MW-5	12/11/13	L674081-03	<0.001	<0.005	<0.001	<0.003
MW-5	03/06/14	L686979-03	<0.001	<0.005	<0.001	<0.003
MW-5	06/04/14	L703463-05	<0.001	<0.005	<0.001	<0.003
MW-5	09/16/14	L722829-04	<0.001	<0.005	<0.001	<0.003
MW-5	11/13/14	L733920-03	<0.001	<0.005	<0.001	<0.003
MW-5	02/26/15	L750804-03	<0.001	<0.005	<0.001	<0.003
MW-5	06/15/15	L772316-05	<0.001	<0.005	<0.001	<0.003
MW-5	08/27/15	L785927-03	<0.001	<0.005	<0.001	<0.003
MW-5	11/18/15	L802567-04	<0.001	<0.005	<0.001	<0.003

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
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	0.75	0.75	0.62
MW-5	03/09/16	L822606-04	<0.001	<0.005	<0.001	<0.003
MW-5	05/18/16	L836880-05	<0.001	<0.005	<0.001	<0.003
MW-5	09/20/16	L860932-04	<0.001	<0.005	<0.001	<0.003
MW-5	03/01/17	L893442-04	<0.001	<0.001	<0.001	<0.003
MW-5	05/10/17	L908975-05	<0.001	<0.005	<0.001	<0.003
MW-5	09/15/17	L936888-04	<0.001	<0.005	<0.001	<0.003
MW-5	11/29/17	L954386-04	<0.001	<0.001	<0.001	<0.003
MW-5	03/07/18	L976400-04	<0.001	<0.001	<0.001	<0.003
MW-5	06/05/18	L1000318-05	<0.001	<0.001	<0.001	<0.003
MW-5	09/06/18	L1023654-04	<0.001	<0.001	<0.001	<0.003
MW-5	11/28/18	L1048598-04	<0.001	<0.001	<0.001	<0.003
MW-5	02/13/19	L1070835-04	<0.001	<0.001	<0.001	<0.003
MW-5	05/08/19	L1098116-05	<0.001	<0.001	<0.001	<0.003
MW-5	08/22/19	L1132371-04	<0.001	<0.001	<0.001	<0.003
MW-5	11/06/19	L1158978-04	<0.001	<0.001	<0.001	<0.003
MW-5	03/18/20	L1201829-04	<0.001	<0.001	<0.001	<0.003
MW-5	06/25/20	L1234440-05	<0.001	<0.001	<0.001	<0.003
MW-5	09/16/20	L1263779-04	<0.001	<0.001	<0.001	<0.003
MW-5	12/08/20	L1295433-04	<0.001	<0.001	<0.001	<0.003
MW-5	03/16/21	L1329027-05	<0.001	<0.001	<0.001	<0.003
MW-5	06/25/21	L1372107-05	<0.001	<0.001	<0.001	<0.003
MW-5	09/01/21	L1399192-05	<0.001	<0.001	<0.001	<0.003
MW-5	12/15/21	L1443626-04	<0.001	<0.001	<0.001	<0.003
MW-5	03/24/22	L1475832-04	<0.0000941	<0.000278	<0.000137	<0.000174
MW-5	06/22/22	L1509142-05	<0.0000941	<0.000278	<0.000137	<0.000174
MW-5	09/29/22	L1541765-05	<0.0000941	<0.000278	<0.000137	<0.000174
MW-5	12/07/22	L1566272-04	<0.000493	<0.000462	<0.000998	<0.00132
MW-6	03/28/06	T13037-5	<0.00038	<0.00036	<0.00035	<0.00072
MW-6	06/15/06	T13863-5	<0.00038	<0.00036	<0.00035	<0.00072
MW-6	09/12/06	T14672-5	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	12/06/06	T15622-5	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	02/28/07	T16496-5	<0.00035	<0.00020	<0.00033	<0.00036
MW-6	05/30/07	T17641-5	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	09/07/07	T18808-5	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	11/13/07	T19744-5	<0.0005	<0.0005	<0.0005	<0.001
MW-6	02/28/08	T21043-5	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	05/20/08	T22267-8	<0.00021	<0.00023	<0.00035	<0.00055
MW-6	08/20/08	T23512-5	<0.0005	<0.0005	<0.0005	<0.001
MW-6	11/20/08	180213	<0.00100	<0.00100	<0.00100	<0.00100
MW-6	02/18/09	9021907	<0.00100	<0.00100	<0.00100	<0.00100
MW-6	05/20/09	9052216	<0.000149	<0.000188	<0.000178	0.0002 J
MW-6	08/27/09	9083116	<0.000149	<0.000188	<0.000178	<0.000163

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
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	0.75	0.75	0.62
MW-6	11/18/09	215427	<0.000160	<0.000332	<0.000230	<0.000143
MW-6	02/09/10	222046	<0.000208	<0.000208	<0.000303	<0.000326
MW-6	05/12/10	1005477-06	<0.001	<0.001	<0.001	<0.003
MW-6	08/26/10	1008902-05	<0.001	<0.001	<0.001	<0.003
MW-6	11/18/10	1011750-05	<0.001	<0.001	<0.001	<0.003
MW-6	02/23/11	1102702-05	<0.001	<0.001	<0.001	<0.003
MW-6	06/02/11	1106118-05	<0.001	<0.001	<0.001	<0.003
MW-6	08/30/11	11081012-05	<0.001	<0.001	<0.001	<0.003
MW-6	11/29/11	1111902-05	<0.001	<0.001	<0.001	<0.003
MW-6	02/23/12	1202873-05	<0.001	<0.001	<0.001	<0.003
MW-6	05/23/12	12051130-06	<0.001	<0.001	<0.001	<0.003
MW-6	09/12/12	1209473-05	<0.001	<0.001	<0.001	<0.003
MW-6	11/19/12	1211764-05	<0.001	<0.001	<0.001	<0.003
MW-6	02/28/13	L622670-05	<0.001	<0.005	<0.001	<0.003
MW-6	06/12/13	L641626-06	<0.001	<0.005	<0.001	<0.003
MW-6	09/10/13	L656792-04	<0.001	<0.005	<0.001	<0.003
MW-6	12/11/13	L656792-04	<0.001	<0.005	<0.001	<0.003
MW-6	03/06/14	L686979-04	<0.001	<0.005	<0.001	<0.003
MW-6	06/04/14	L703463-06	<0.001	<0.005	<0.001	<0.003
MW-6	09/16/14	L722829-05	<0.001	<0.005	<0.001	<0.003
MW-6	11/13/14	L733920-04	<0.001	<0.005	<0.001	<0.003
MW-6	02/26/15	L750804-04	<0.001	<0.005	<0.001	<0.003
MW-6	06/15/15	L772316-06	<0.001	<0.005	<0.001	<0.003
MW-6	08/27/15	L785927-04	<0.001	<0.005	<0.001	<0.003
MW-6	11/18/15	L802567-05	<0.001	<0.005	<0.001	<0.003
MW-6	03/09/16	L822606-05	<0.001	<0.005	<0.001	<0.003
MW-6	05/18/16	L836880-06	<0.001	<0.005	<0.001	<0.003
MW-6	09/20/16	L860932-05	<0.001	<0.005	<0.001	<0.003
MW-6	03/01/17	L893442-05	<0.001	<0.001	<0.001	<0.003
MW-6	05/10/17	L908975-06	<0.001	<0.005	<0.001	<0.003
MW-6	09/15/17	L936888-05	<0.001	<0.005	<0.001	<0.003
MW-6	11/29/17	L954386-05	<0.001	<0.001	<0.001	<0.003
MW-6	03/07/18	L976400-05	<0.001	<0.001	<0.001	<0.003
MW-6	06/05/18	L1000318-06	<0.001	<0.001	<0.001	<0.003
MW-6	09/06/18	L1023654-05	<0.001	<0.001	<0.001	<0.003
MW-6	11/28/18	L1048598-05	<0.001	<0.001	<0.001	<0.003
MW-6	02/13/19	L1070835-05	<0.001	<0.001	<0.001	<0.003
MW-6	05/08/19	L1098116-06	<0.001	<0.001	<0.001	<0.003
MW-6	08/22/19	L1132371-05	<0.001	<0.001	<0.001	<0.003
MW-6	11/06/19	L1158978-05	<0.001	<0.001	<0.001	<0.003
MW-6	03/18/20	L1201829-05	<0.001	<0.001	<0.001	<0.003
MW-6	06/25/20	L1234440-06	<0.001	<0.001	<0.001	<0.003
MW-6	09/16/20	L1263779-05	<0.001	<0.001	<0.001	<0.003
MW-6	12/08/20	L1295433-05	<0.001	<0.001	<0.001	<0.003

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
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	0.75	0.75	0.62
MW-6	03/16/21	L1329027-06	<0.001	<0.001	<0.001	<0.003
MW-6	06/25/21	L1372107-06	<0.001	<0.001	<0.001	<0.003
MW-6	09/01/21	L1399192-06	<0.001	<0.001	<0.001	<0.003
MW-6	12/15/21	L1443626-05	<0.001	<0.001	<0.001	<0.003
MW-6	03/24/22	L1475832-05	<0.0000941	<0.000278	<0.000137	<0.000174
MW-6	06/22/22	L1509142-06	<0.0000941	<0.000278	<0.000137	<0.000174
MW-6	09/29/22	L1541765-06	<0.0000941	<0.000278	<0.000137	<0.000174
MW-6	12/07/22	L1566272-05	<0.000493	<0.000462	<0.000998	<0.00132
MW-7	03/28/06	T13037-6	<0.00038	<0.00036	<0.00035	<0.00072
MW-7	06/15/06	T13863-6	<0.00038	<0.00036	<0.00035	<0.00072
MW-7	09/12/06	T14672-6	<0.00035	<0.00020	<0.00033	<0.00036
MW-7	12/06/06	T15622-6	<0.00035	<0.00020	<0.00033	<0.00036
MW-7	02/28/07	T16496-6	<0.00035	<0.00020	<0.00033	<0.00036
MW-7	05/30/07	T17641-6	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	09/07/07	T18808-6	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	11/13/07	T19744-6	<0.0005	<0.0005	<0.0005	<0.001
MW-7	02/28/08	T21043-6	<0.00021	<0.00023	<0.00035	<0.00055
MW-7	05/20/08	T22267-7	0.00650	<0.00023 *	0.00060 J*	<0.00055 *
MW-7	08/20/08	T23512-6	0.00110	<0.0005	<0.0005	<0.001
MW-7	11/20/08	180214	<0.00100	<0.00100	<0.00100	<0.00100
MW-7	02/18/09	187838	<0.00100	<0.00100	<0.00100	<0.00100
MW-7	05/20/09	9052216	<0.000149	<0.000188	<0.000178	<0.000163
MW-7	08/27/09	9083116	<0.000149	<0.000188	<0.000178	<0.000163
MW-7	11/18/09	215428	<0.000160	<0.000332	<0.000230	<0.000143
MW-7	02/09/10	222047	<0.000208	<0.000208	<0.000303	<0.000326
MW-7	05/12/10	1005477-07	<0.001	<0.001	<0.001	<0.003
MW-7	08/26/10	1008902-06	<0.001	<0.001	<0.001	<0.003
MW-7	11/18/10	1011750-06	<0.001	<0.001	<0.001	<0.003
MW-7	02/23/11	1102702-06	<0.001	<0.001	<0.001	<0.003
MW-7	06/02/11	1106118-06	<0.001	<0.001	<0.001	<0.003
MW-7	08/30/11	11081012-06	<0.001	<0.001	<0.001	<0.003
MW-7	11/29/11	1111902-06	<0.001	<0.001	<0.001	<0.003
MW-7	02/23/12	1202873-06	<0.001	<0.001	<0.001	<0.003
MW-7	5/23/2012	12051130-07	<0.001	<0.001	<0.001	<0.003
MW-7	09/12/12	1209473-06	<0.001	<0.001	<0.001	<0.003
MW-7	11/19/12	1211764-06	<0.001	<0.001	<0.001	<0.003
MW-7	02/28/13	L622670-06	<0.001	<0.005	<0.001	<0.003
MW-7	06/12/13	L641626-07	<0.001	<0.005	<0.001	<0.003
MW-7	09/10/13	L656792-05	<0.001	<0.005	<0.001	<0.003
MW-7	12/11/13	L674081-05	<0.001	<0.005	<0.001	<0.003
MW-7	03/06/14	L686979-05	<0.001	<0.005	<0.001	<0.003
MW-7	06/05/14	L703463-07	<0.001	<0.005	<0.001	<0.003
MW-7	09/16/14	L7228209-06	<0.001	<0.005	<0.001	<0.003

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
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	0.75	0.75	0.62
MW-7	11/13/14	L733920-05	<0.001	<0.005	<0.001	<0.003
MW-7	02/26/15	L750804-05	<0.001	<0.005	<0.001	<0.003
MW-7	06/15/15	L772316-07	<0.001	<0.005	<0.001	<0.003
MW-7	08/27/15	L785927-05	<0.001	<0.005	<0.001	<0.003
MW-7	11/18/15	L802567-06	<0.001	<0.005	<0.001	<0.003
MW-7	03/09/16	L822606-06	<0.001	<0.005	<0.001	<0.003
MW-7	05/18/16	L836880-07	<0.001	<0.005	<0.001	<0.003
MW-7	09/20/16	L860932-06	<0.001	<0.005	<0.001	<0.003
MW-7	03/01/17	L893442-06	<0.001	<0.001	<0.001	<0.003
MW-7	05/10/17	L908975-07	<0.001	<0.005	<0.001	<0.003
MW-7	09/15/17	L936888-06	<0.001	<0.005	<0.001	<0.003
MW-7	11/29/17	L954386-06	<0.001	<0.001	<0.001	<0.003
MW-7	03/07/18	L976400-06	<0.001	<0.001	<0.001	<0.003
MW-7	06/05/18	L1000318-07	<0.001	<0.001	<0.001	<0.003
MW-7	09/06/18	L1023654-06	<0.001	<0.001	<0.001	<0.003
MW-7	11/28/18	L1048598-06	<0.001	<0.001	<0.001	<0.003
MW-7	02/13/19	L1070835-06	<0.001	<0.001	<0.001	<0.003
MW-7	05/08/19	L1098116-07	<0.001	0.00536	<0.001	<0.003
MW-7	08/22/19	L1132371-06	<0.001	<0.001	<0.001	<0.003
MW-7	11/06/19	L1158978-06	<0.001	<0.001	<0.001	<0.003
MW-7	03/18/20	L1201829-06	<0.001	<0.001	<0.001	<0.003
MW-7	06/25/20	L1234440-07	<0.001	<0.001	<0.001	<0.003
MW-7	09/16/20	L1263779-06	<0.001	<0.001	<0.001	<0.003
MW-7	12/08/20	L1295433-06	<0.001	<0.001	<0.001	<0.003
MW-7	03/16/21	L1329027-07	<0.001	<0.001	<0.001	<0.003
MW-7	06/24/21	L1372107-07	<0.001	<0.001	<0.001	<0.003
MW-7	09/01/21	L1399192-07	<0.001	<0.001	<0.001	<0.003
MW-7	12/15/21	L1443626-06	<0.001	<0.001	<0.001	<0.003
MW-7	03/24/22	L1475832-06	<0.0000941	<0.000278	<0.000137	<0.000174
MW-7	06/22/22	L1509142-07	<0.0000941	<0.000278	<0.000137	<0.000174
MW-7	09/29/22	L1541765-07	<0.0000941	<0.000278	<0.000137	<0.000174
MW-7	12/07/22	L1566272-06	<0.000493	<0.000462	<0.000998	<0.00132
MW-8	05/12/10	1005477-08	<0.001	<0.001	<0.001	<0.003
MW-8	08/26/10	1008902-07	<0.001	<0.001	<0.001	<0.003
MW-8	11/18/10	1011750-07	<0.001	<0.001	<0.001	<0.003
MW-8	02/23/11	1102702-07	<0.001	<0.001	<0.001	<0.003
MW-8	06/02/11	1106118-07	<0.001	<0.001	<0.001	<0.003
MW-8	08/30/11	11081012-07	0.0020	<0.001	<0.001	<0.003
MW-8	11/29/11	1111902-07	<0.001	<0.001	<0.001	<0.003
MW-8	02/23/12	1202873-07	0.0011	<0.001	<0.001	<0.003
MW-8	05/23/12	12051130-08	**0.030**	<0.001	0.0061	<0.003
MW-8	09/12/12	1209473-07	<0.001	<0.001	<0.001	<0.003
MW-8	11/19/12	1211764-07	<0.001	<0.001	<0.001	<0.003

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
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	0.75	0.75	0.62
MW-8	02/28/13	L622670-07	<0.001	<0.005	<0.001	<0.003
MW-8	06/12/13	L641626-08	<0.001	<0.005	<0.001	<0.003
MW-8	09/10/13	L656792-06	<0.001	<0.005	<0.001	<0.003
MW-8	12/11/13	L674081-06	<0.001	<0.005	<0.001	<0.003
MW-8	03/06/14	L686979-06	<0.001	<0.005	<0.001	<0.003
MW-8	06/04/14	L703463-09	<0.001	<0.005	<0.001	<0.003
MW-8	09/16/14	L722829-07	<0.001	<0.005	<0.001	<0.003
MW-8	11/13/14	L733920-06	<0.001	<0.005	<0.001	0.0013 J
MW-8	02/26/15	L750804-06	<0.001	<0.005	0.0019	0.017
MW-8	06/15/15	L772316-08	<0.001	<0.005	<0.001	0.0016 J
MW-8	08/27/15	L785927-06	<0.001	<0.005	<0.001	<0.003
MW-8	11/18/15	L802567-07	<0.001	<0.005	<0.001	<0.003
MW-8	03/09/16	L822606-07	<0.001	<0.005	<0.001	<0.003
MW-8	05/18/16	L836880-08	<0.001	<0.005	<0.001	<0.003
MW-8	09/20/16	L860932-07	<0.001	<0.005	<0.001	<0.003
MW-8	03/01/17	L893442-07	0.000375 J	<0.001	0.000591 J	0.00119 J
MW-8	05/10/17	L908975-08	<0.001	<0.005	<0.001	<0.003
MW-8	09/15/17	L936888-07	<0.001	<0.005	<0.001	<0.003
MW-8	11/29/17	L954386-07	<0.001	<0.001	<0.001	<0.003
MW-8	03/07/18	L976400-07	<0.001	<0.001	<0.001	<0.003
MW-8	06/05/18	L1000318-08	<0.001	<0.001	<0.001	<0.003
MW-8	09/06/18	L1023654-07	<0.001	<0.001	<0.001	<0.003
MW-8	11/28/18	L1048598-07	<0.001	<0.001	<0.001	<0.003
MW-8	02/13/19	L1070835-07	<0.001	<0.001	<0.001	<0.003
MW-8	05/08/19	L1098116-08	<0.001	<0.001	<0.001	<0.003
MW-8	08/22/19	L1132371-07	<0.001	<0.001	<0.001	<0.003
MW-8	11/06/19	L1158978-07	<0.001	<0.001	<0.001	<0.003
MW-8	03/18/20	L1201829-07	<0.001	<0.001	<0.001	<0.003
MW-8	06/25/20	L1234440-08	<0.001	<0.001	<0.001	<0.003
MW-8	09/16/20	L1263779-07	<0.001	<0.001	<0.001	<0.003
MW-8	12/08/20	L1295433-07	<0.001	<0.001	<0.001	<0.003
MW-8	03/16/21	L1329027-08	<0.001	<0.001	<0.001	<0.003
MW-8	06/24/21	L1372107-08	<0.001	<0.001	<0.001	<0.003
MW-8	09/01/21	L1399192-08	<0.001	<0.001	<0.001	<0.003
MW-8	12/15/21	L1443626-07	<0.001	<0.001	<0.001	<0.003
MW-8	03/24/22	L1475832-07	<0.0000941	<0.000278	<0.000137	<0.000174
MW-8	06/22/22	L1509142-08	<0.0000941	<0.000278	<0.000137	<0.000174
MW-8	09/29/22	L1541765-08	<0.0000941	<0.000278	<0.000137	<0.000174
MW-8	12/07/22	L1566272-07	<0.000493	<0.000462	<0.000998	<0.00132
MW-9	12/11/13	L674081-07	<0.001	<0.005	<0.001	<0.003
MW-9	03/06/14	L686979-07	<0.0010	<0.005	<0.001	<0.003
MW-9	06/04/14	L703463-09	<0.0010	<0.005	<0.001	<0.003
MW-9	09/16/14	L728829-08	<0.0010	<0.005	<0.001	<0.003

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
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	0.75	0.75	0.62
MW-9	11/13/14	L733920-07	<0.0010	<0.005	<0.001	<0.003
MW-9	02/26/15	L750804-07	<0.0010	<0.005	<0.001	<0.003
MW-9	06/15/15	L772316-09	<0.0010	<0.005	<0.001	<0.003
MW-9	08/27/15	L785927-07	<0.0010	<0.005	<0.001	<0.003
MW-9	11/18/15	L802567-08	<0.0010	<0.005	<0.001	<0.003
MW-9	03/09/16	L822606-08	<0.0010	<0.005	<0.001	<0.003
MW-9	05/18/16	L836880-09	<0.0010	<0.005	<0.001	<0.003
MW-9	09/20/16	L860932-08	<0.001	<0.005	<0.001	<0.003
MW-9	03/01/17	L893442-08	<0.001	<0.001	<0.001	<0.003
MW-9	05/10/17	L908975-08	<0.001	<0.005	<0.001	<0.003
MW-9	09/15/17	L936888-07	<0.001	<0.005	<0.001	<0.003
MW-9	11/29/17	L954386-07	<0.001	<0.001	<0.001	<0.003
MW-9	03/07/18	L976400-08	<0.001	<0.001	<0.001	<0.003
MW-9	06/05/18	L1000318-09	<0.001	<0.001	<0.001	<0.003
MW-9	09/06/18	L1023654-08	<0.001	<0.001	<0.001	<0.003
MW-9	11/28/18	L1048598-08	<0.001	<0.001	<0.001	<0.003
MW-9	02/13/19	L1070835-08	<0.001	<0.001	<0.001	<0.003
MW-9	05/08/19	L1098116-09	<0.001	<0.001	<0.001	<0.003
MW-9	08/22/19	L1132371-08	<0.001	<0.001	<0.001	<0.003
MW-9	11/06/19	L1158978-08	<0.001	<0.001	<0.001	<0.003
MW-9	03/18/20	L1201829-08	<0.001	<0.001	<0.001	<0.003
MW-9	06/25/20	L1234440-09	<0.001	<0.001	<0.001	<0.003
MW-9	09/16/20	L1263779-08	<0.001	<0.001	<0.001	<0.003
MW-9	12/08/20	L1295433-08	<0.001	<0.001	<0.001	<0.003
MW-9	03/16/21	L1329027-09	<0.001	<0.001	<0.001	<0.003
MW-9	06/25/21	L1372107-09	<0.001	<0.001	<0.001	<0.003
MW-9	09/01/21	L1399192-09	<0.001	<0.001	<0.001	<0.003
MW-9	12/15/21	L1443626-08	<0.001	<0.001	<0.001	<0.003
MW-9	03/24/22	L1475832-08	<0.0000941	<0.000278	<0.000137	<0.000174
MW-9	06/22/22	L1509142-09	<0.0000941	<0.000278	<0.000137	<0.000174
MW-9	09/29/22	L1541765-09	<0.0000941	<0.000278	<0.000137	<0.000174
MW-9	12/07/22	L1566272-08	<0.000493	<0.000462	<0.000998	<0.00132
RW-1	06/02/11	1106109-02	**0.150**	0.011	0.069	0.100
RW-1	05/23/12	12051130-09	**0.084**	0.0035	0.039	0.049
RW-1	06/12/13	L641626-09	**0.56**	0.18	0.17	0.35
RW-1	06/04/14	L703463-10	**0.1**	0.08	0.17	0.32
RW-1	06/15/15	L772316-10	**0.15**	0.073	0.1	0.19
RW-1	05/18/16	L836880-10	**0.017**	0.00942	0.00733	0.0124
RW-1	05/10/17	L908975-10	**0.201**	0.145	0.111	0.245
RW-1	06/05/18	L1000318-10	**0.0172**	<0.001	0.0274	0.0353
RW-1	05/08/19	L1098116-10	**0.0107**	<0.005	0.0180	0.0186
RW-1	08/22/19	L1132371-09	**0.0324**	<0.005	0.0166	0.0597
RW-1	03/18/20	L1201829-09	**0.0431**	<0.005	0.0496	0.0451

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
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	0.75	0.75	0.62
RW-1	06/25/20	L1234440-10	**0.0663**	<0.001	0.0320	0.0381
RW-1	03/16/21	L1329027-10	**0.0318**	<0.001	0.0148	0.0231
RW-1	06/24/21	L1372107-10	**0.0383**	<0.001	0.0107	0.00850
RW-1	09/01/21	L1399192-10	**0.0143**	<0.001	0.00696	0.0139
RW-1	03/24/22	L1475832-09	**0.0135**	0.000391 J	0.00320	0.00541
RW-1	06/22/22	L1509142-10	**0.0242**	<0.000278	0.000755 J	0.00103 J
RW-1	09/29/22	NS	NS	NS	NS	NS
RW-1	12/07/22	L1566272-09	0.00196 J	0.000922 J	<0.000998	<0.00132
RW-2	06/02/11	1106109-03	0.0089	0.0013	0.0069	0.013
RW-2	05/23/12	12051130-10	**0.020**	0.015	0.081	0.22
RW-2	06/12/13	L641626-10	**0.038**	0.028	0.12	0.17
RW-2	06/06/14	L703463-11	**0.042**	0.033 J	0.042	0.11
RW-2	06/15/15	L772316-11	**0.073**	0.0099 J	0.093	0.18
RW-2	05/18/16	L836880-11	**0.0752**	0.0286	0.0471	0.1
RW-2	05/10/17	L908975-11	**0.234**	0.026	0.132	0.325
RW-2	03/07/18	L976400-09	0.00223	<0.001	0.00553	0.00586
RW-2	06/05/18	L1000318-11	**0.0181**	<0.001	0.0124	0.0237
RW-2	05/08/19	L1098116-11	**0.106**	0.00518	0.0668	0.0203
RW-2	08/22/19	L1132371-10	0.00435	<0.001	0.00577	0.00520
RW-2	11/06/19	L1158978-09	0.00105	<0.001	0.00744	<0.003
RW-2	03/18/20	L1201829-10	<0.001	<0.001	0.00210	<0.003
RW-2	06/25/20	L1234440-11	0.00396	<0.001	0.0146	<0.003
RW-2	09/16/20	L1263779-09	**0.0110**	<0.001	0.0166	<0.003
RW-2	12/08/20	L1295433-09	<0.001	<0.001	0.00137	<0.003
RW-2	03/16/21	L1329027-11	<0.001	<0.001	<0.001	<0.003
RW-2	06/24/21	L1372107-11	0.00145	<0.001	0.00681	<0.003
RW-2	03/24/22	NS	NS	NS	NS	NS
RW-2	06/22/22	L1509142-11	<0.0000941	<0.000278	0.00142	0.000303 J
RW-2	09/29/22	NS	NS	NS	NS	NS
RW-2	12/07/22	NS	NS	NS	NS	NS
RW-3	06/02/11	1106109-04	**1.0**	0.01	0.20	0.280
RW-3	05/23/12	12051130-11	**0.89**	<0.010	0.21	**0.26**
RW-3	06/04/14	L703463-12	**1.6**	0.62	0.49	0.91
RW-3	06/15/15	L772316-12	**0.013**	0.0019 J	0.012	0.02
RW-3	05/18/16	L836880-12	**0.0302**	0.00123 J	0.0183	0.0259
RW-3	05/10/17	L908975-12	**0.0358**	0.0259	0.0521	0.0673
RW-3	06/05/18	L1000318-12	0.00434	<0.001	0.04	0.012
RW-3	09/06/18	L1023654-09	0.00435	<0.001	0.048	0.0279
RW-3	05/08/19	L1098116-12	**0.0117**	0.00208	0.0425	0.0194
RW-3	06/25/20	L1234440-12	**0.0406**	0.00101	0.0357	0.0247
RW-3	09/16/20	L1263779-10	**0.0561**	0.00171	0.0197	0.0228

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
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	0.75	0.75	0.62
RW-3	06/25/21	L1372107-12	0.00766	<0.001	0.00184	0.00676
RW-3	03/24/22	NS	NS	NS	NS	NS
RW-3	06/22/22	L1509142-12	0.00554	0.000327 J	0.00111	0.00452 J
RW-3	09/29/22	NS	NS	NS	NS	NS
RW-3	12/07/22	NS	NS	NS	NS	NS
RW-4	06/02/11	1106109-05	**0.1700**	0.22	0.27	**0.630**
RW-4	05/23/12	12051130-12	**0.060**	0.0051	0.089	0.19
RW-4	06/12/13	L641626-12	**2.4**	0.22	0.59	**1.1**
RW-4	06/04/14	L703463-13	**0.75**	0.17 J	0.46	0.9
RW-4	06/15/15	L772316-13	**0.1**	<0.005	0.065	0.12
RW-4	05/18/16	L836880-13	**0.389**	0.00303 J	0.301	0.327
RW-4	05/10/17	L908975-13	**0.0982**	0.00514	0.19	0.112
RW-4	03/07/18	L976400-10	0.00354	<0.001	0.162	0.0441
RW-4	06/05/18	L1000318-13	0.00757	<0.001	0.0416	0.0296
RW-4	11/28/18	L1048598-09	0.00407	<0.001	0.176	0.0119
RW-4	05/08/19	L1098116-13	<0.005	<0.005	0.161	<0.0150
RW-4	08/22/19	L1132371-11	0.00699	<0.001	0.130	0.00419
RW-4	11/06/19	L1158978-10	0.00258	<0.001	0.0570	<0.003
RW-4	03/18/20	L1201829-11	0.00108	<0.001	0.0291	<0.003
RW-4	06/25/20	L1234440-13	<0.001	<0.001	0.00942	<0.003
RW-4	09/16/20	L1263779-11	<0.001	<0.001	0.00230	<0.003
RW-4	12/08/20	L1295433-10	<0.001	<0.001	0.0023	<0.003
RW-4	03/16/21	L1329027-12	<0.001	<0.001	0.00135	<0.003
RW-4	06/25/21	L1372107-13	<0.001	<0.001	<0.001	<0.003
RW-4	09/01/21	L1399192-11	0.00133	<0.001	0.00108	<0.003
RW-4	12/15/21	L1443626-09	<0.001	<0.001	<0.001	<0.003
RW-4	03/24/22	NS	NS	NS	NS	NS
RW-4	06/22/22	L1509142-13	<0.0000941	<0.000278	<0.000137	0.000188 J
RW-4	09/29/22	L1541765-10	<0.0000941	<0.000278	<0.000137	<0.000174
RW-4	12/07/22	L1566272-10	<0.000493	<0.000462	<0.000998	<0.00132
RW-5	06/02/11	1106109-06	**0.0280**	0.0066	0.0390	0.044
RW-5	05/23/12	12051130-13	**0.017**	0.011	0.031	0.033
RW-5	06/12/13	L641626-13	**3.7**	**2.9**	**0.88**	**1.9**
RW-5	06/04/14	L703463-14	**0.17**	0.012 J	0.064	0.093
RW-5	06/15/15	L772316-14	**0.17**	0.048 J	0.11	0.18
RW-5	05/18/16	L836880-14	0.00405	0.00327 J	0.00622	0.00942
RW-5	05/10/17	L908975-14	**0.0123**	0.00841	0.0513	0.0401
RW-5	03/07/18	L976400-11	0.00364	<0.001	0.0563	0.0146
RW-5	06/05/18	L1000318-14	0.00117	<0.001	0.0243	0.0049
RW-5	09/06/18	L1023654-10	<0.001	<0.001	0.00846	<0.003
RW-5	11/28/18	L1048598-10	<0.001	<0.001	0.011	<0.003
RW-5	05/08/19	L1098116-14	0.00516	<0.001	0.00471	<0.003

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
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	0.75	0.75	0.62
RW-5	08/22/19	L1132371-12	<0.001	<0.001	0.00447	<0.003
RW-5	11/06/19	L1158978-11	<0.001	<0.001	0.00252	<0.003
RW-5	03/18/20	L1201829-12	0.00367	<0.001	0.00213	<0.003
RW-5	06/25/20	L1234440-14	<0.001	<0.001	<0.001	<0.003
RW-5	09/16/20	L1263779-12	<0.001	<0.001	<0.001	<0.003
RW-5	12/08/20	L1295433-11	<0.001	<0.001	<0.001	<0.003
RW-5	03/16/21	L1329027-13	<0.001	<0.001	<0.001	<0.003
RW-5	06/25/21	L1372107-14	<0.001	<0.001	0.00105	<0.003
RW-5	09/01/21	L1399192-12	<0.001	<0.001	<0.001	<0.003
RW-5	03/24/22	NS	NS	NS	NS	NS
RW-5	06/22/22	L1509142-14	<0.0000941	<0.000278	<0.000137	<0.000174
RW-5	09/29/22	L1541765-11	<0.0000941	<0.000278	0.000165 J	<0.000174
RW-5	12/07/22	L1566272-11	<0.000493	<0.000462	<0.000998	<0.00132
IW-1	06/04/14	L703463-15	**1.5**	**1.6** J	**0.9**	**1.8**
IW-1	06/15/15	L772316-15	**0.22**	0.11 J	0.062	0.12 J
IW-1	05/18/16	L836880-15	**0.174**	0.00443 J	0.0324	0.0318 J
IW-1	05/11/17	L908975-15	**0.712**	0.0693	0.182	0.329
IW-1	03/07/18	L976400-12	**0.178**	0.00364	0.0718	0.0846
IW-1	06/05/18	L1000318-15	**0.360**	<0.005	0.216	0.315
IW-1	09/06/18	L1023654-11	**0.175**	<0.001	0.108	0.0698
IW-1	05/08/19	L1098116-15	**1.710**	0.00815	0.483	0.490
IW-1	03/18/20	L1201829-13	**1.32**	<0.0500	0.565	0.441
IW-1	06/25/20	L1234440-15	**0.258**	<0.010	0.210	0.151
IW-1	06/25/21	L1372107-15	**0.175**	<0.010	0.208	0.240
IW-1	03/24/22	NS	NS	NS	NS	NS
IW-1	06/22/22	L1509142-15	**0.0313**	<0.000278	0.0954	0.0929
IW-1	09/29/22	NS	NS	NS	NS	NS
IW-1	12/07/22	NS	NS	NS	NS	NS
IW-2	06/04/14	L703463-16	**1.00**	0.38	0.38	0.78
IW-2	06/15/15	L772316-16	**0.43**	0.13	0.14	0.28
IW-2	05/18/16	L836880-16	0.0025	<0.005	0.00205	0.00205 J
IW-2	05/11/17	L908975-16	**0.138**	0.00622 J	0.0505	0.0518
IW-2	03/07/18	L976400-13	**0.0494**	<0.001	0.0261	0.0129
IW-2	06/05/18	L1000318-16	**0.0576**	<0.001	0.0588	0.0464
IW-2	11/28/18	L1048598-11	**0.277**	<0.001	0.213	0.0707
IW-2	05/08/19	L1098116-16	**0.0665**	<0.001	0.0584	0.0480
IW-2	08/22/19	L1132371-13	0.0021	<0.001	<0.001	0.00871
IW-2	06/25/20	L1234440-16	0.00983	<0.001	0.00307	0.0236
IW-2	09/16/20	L1263779-13	**0.0799**	<0.001	0.0141	0.0152
IW-2	03/16/21	L1329027-14	**0.0306**	<0.001	0.00853	0.00561
IW-2	06/25/21	L1372107-16	**0.0125**	<0.001	0.00131	0.00366
IW-2	09/01/21	L1399192-13	**0.0126**	<0.001	<0.001	0.00486

TABLE 4
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
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	0.75	0.75	0.62
IW-2	03/24/22	NS	NS	NS	NS	NS
IW-2	06/22/22	L1509142-16	0.00717	<0.000278	0.00282	0.00225 J
IW-2	09/29/22	NS	NS	NS	NS	NS
IW-2	12/07/22	NS	NS	NS	NS	NS
IW-3	06/04/14	L703463-17	**0.26**	0.25	0.19	0.4
IW-3	06/15/15	L772316-17	**0.12**	0.046	0.037	0.093
IW-3	05/18/16	L836880-17	**0.0319**	0.0117	0.00489	0.0143
IW-3	05/11/17	L908975-17	**0.862**	0.883	0.414	0.811
IW-3	03/07/18	L976400-14	**0.137**	0.119	0.084	0.163
IW-3	03/07/18	L976400-14	**0.137**	0.119	0.084	0.163
IW-3	06/05/18	L1000318-17	**1.1**	0.63	0.376	**0.800**
IW-3	05/08/19	L1098116-17	**0.347**	0.0189	0.243	0.382
IW-3	06/25/20	L1234440-17	**1.01**	<0.005	0.507	**0.808**
IW-3	06/25/21	L1372107-17	**0.386**	<0.0200	0.316	0.352
IW-3	03/24/22	NS	NS	NS	NS	NS
IW-3	06/22/22	L1509142-17	**0.0584**	<0.00556	0.141	0.133
IW-3	09/29/22	NS	NS	NS	NS	NS
IW-3	12/07/22	NS	NS	NS	NS	NS

NMOCD: New Mexico Oil Conservation Division
Exceedences of NMOCD Remediation Criteria are shown in **bold**
J: Analyte detected below method detection limit (MDL but above sample detection limit (SDL)
[a] = Results from run 2 (dilution factor = 5)
* Values reported from run 2 as carry over was reported in run 1

TABLE 5
PAH Groundwater Analytical Results
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Monitoring Well	Sample Date	Lab Report #	Naphthalene	Acenaphthylene	Acenaphthene	Flourene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo[a]anthracene	Chrysene	Benzo[b]-fluoranthene	Benzo[a]-pyrene	Dibenzofuran	Dibenz[a,h]-anthracene	Benzo[g,h,i]-perylene	Benzo(k)fluoranthene	1-Methylnaphthalene	2-Methylnaphthalene	Total methylnaphthalene	TPH-GRO (C6-C10)	TPH (C10-C28)	TPH (C28-C30)
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	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*)			**0.03**		**0.365**	**0.243**	**0.0091**	**1.1**	**1.83**	**1.46**	**0.183**	**0.00091**	**0.0291**	**0.00091**	**0.0007****		**0.091**		**9.1**			***			
MW-1	5/20/2008	T22301-1	**0.15**	<0.016	<0.015	0.0355 J	<0.024	0.0397 J	<0.18	<0.016	<0.011	<0.014	<0.013	<0.0015	<0.016	NA	<0.013	<0.025	<0.016	NA	0.0285	0.0285	41.5	137	NA
MW-1	5/20/2009	9052216	0.026	<0.0000717	<0.000133	0.00202	<0.0000812	0.00268	<0.0000819	<0.0000892	<0.0000465	<0.0000307	<0.0000926	<0.000064	<0.0000513	0.00303	<0.0000566	<0.0000637	<0.0000776	0.0244	0.0201	**0.0445**	6.82	17.8	NA
MW-1	5/12/2010	1005477-01	**0.042**	0.00056	0.0012	0.0021	<0.0002	0.004	<0.0002	<0.0002	<0.0002	<0.0002	0.0005	<0.0002	<0.0002	NA	<0.0002	<0.0002	<0.0002	NA	NA	NA	31	35	6.4
MW-1	5/23/2012	12051130-01	**0.045**	0.000292	0.000267	0.002	<0.0000979	0.00335	<0.0000979	0.00200	0.000108	<0.0000979	<0.0000979	<0.0000979	<0.0000979	NA	<0.0000979	<0.0000979	<0.0000979	NA	NA	NA	NA	NA	NA
MW-1	6/13/2013	L641626-01	**0.081**	0.0014	0.0029	0.0099	<0.000015	0.0017	0.0027	0.00057	0.0014	<0.000012	<0.00043	<0.000014	<0.000012	0.014	<0.000004	<0.000011	0.00014	0.011	0.011	NA	NA	NA	NA
MW-1	6/6/2014	L703463-01	**0.041**	0.0035	0.00078	0.003	<0.000050	0.0038	0.00078	<0.000050	0.00022	<0.000050	0.00013	<0.000050	0.00091	0.0048	<0.000050	0.000017 J	<0.000050	0.042	0.034	**0.076**	NA	NA	NA
MW-1	6/15/2015	L772316-01	**0.057**	0.00047	0.001	0.0034	<0.000050	0.0046	0.00071	<0.000050	0.00035	0.00024	0.00018	<0.000050	0.000087	0.0055	<0.000050	0.00002 J	<0.000050	0.055	0.052	**0.107**	NA	NA	NA
MW-1	5/18/2016	L836880-01	0.0194	0.000109	0.000259	0.00108	<0.000050	0.00104	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.00158	<0.000050	<0.000050	<0.000050	0.015	0.011	0.026	NA	NA	NA
MW-1	5/10/2017	L908975-01	**0.043**	0.0000927	0.000211	0.000773	<0.000050	0.000662	<0.000050	<0.000050	0.0000276 J	<0.000050	<0.000050	<0.000050	<0.000050	0.00142	<0.000050	0.00000361 J	<0.000050	0.0251	0.0185	**0.0436**	NA	NA	NA
MW-1	6/1/2018	L1000318-01	0.021	<0.000050	0.000227	0.000915	<0.000050	0.000673	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.00172	<0.000050	<0.000050	<0.000050	0.0166	0.0115	0.0281	NA	NA	NA
MW-1	5/8/2019	L1098116-01	0.0264	<0.000050	0.000263	0.00128	<0.000050	0.00104	<0.000050	<0.000050	<0.000050	0.0000611	<0.000050	<0.000050	<0.000050	0.00197	<0.000050	<0.000050	<0.000050	0.0274	0.0195	**0.0469**	NA	NA	NA
MW-1	6/25/2020	L1234440-01	0.00608	<0.0000500	0.000260	0.00130	<0.0000500	0.000883	<0.0000500	<0.000100	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	0.00201	<0.0000500	<0.0000500	<0.0000500	0.0164	0.00249	0.017283	NA	NA	NA
MW-1	6/24/2021	L1372107-01	0.00163	0.000185	0.000251	0.00117	<0.0000500	0.00143	0.000150	<0.000100	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	0.00118	<0.0000500	<0.0000500	<0.0000500	0.00525	0.00111	0.00636	NA	NA	NA
MW-1	6/22/2022	L1509142-01	0.0109	<0.0000171	0.000343	0.00163	<0.0000158	0.000979	<0.0000190	<0.0000270	<0.0000169	<0.0000203	<0.0000179	<0.0000168	<0.0000184	0.00243	<0.0000160	<0.0000184	<0.0000202	0.0177	0.00282	0.00393	NA	NA	NA
MW-2	12/7/2011	1112251-01	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	NA	<0.0002	<0.0002	<0.0002	NA	NA	NA	NA	NA	NA
MW-2	5/18/2016	L836880-02	0.0000463 BJ	<0.000050	<0.000050	<0.000050	<0.000050	0.00977 J	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.00000381 J	<0.000050	<0.000050	<0.000050	0.0000143 J	0.0000166 J	0.0000309	NA	NA	NA
MW-2	5/10/2017	L908975-02	0.000052 BJ	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.00000258 BJ	<0.000050	<0.000050	<0.000050	<0.000250	<0.000250	<0.000250	NA	NA	NA
MW-2	6/22/2022	L1509142-02	<0.0000917	<0.0000171	<0.0000190	<0.0000169	<0.0000158	<0.0000180	<0.0000190	<0.0000270	<0.0000169	<0.0000203	<0.0000179	<0.0000168	<0.0000184	0.000033 J	<0.0000160	<0.0000184	<0.0000202	<0.0000687	<0.0000674	<0.0000674	NA	NA	NA
MW-3	12/7/2011	1112251-02	0.00023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	NA	<0.0002	<0.0002	<0.0002	NA	NA	NA	NA	NA	NA
MW-3	6/12/2013	L641626-03	0.0000093	0.000053	0.00012	0.000039	<0.000015	0.00042	<0.0000076	<0.000016	<0.000012	<0.000012	<0.000011	<0.000014	<0.000012	0.0007	<0.000004	<0.000011	<0.000014	0.0077	0.0076	NA	NA	NA	NA
MW-3	6/6/2014	L703463-03	0.000092	0.000036	0.00018	0.00036	<0.000050	0.00044	0.000014	<0.000050	0.000028	<0.000050	0.000017	<0.000050	<0.000050	0.052	<0.000050	<0.000050	<0.000050	0.0028	0.0015	0.0043	NA	NA	NA
MW-3	5/18/2016	L836880-03	0.0000644 BJ	<0.000050	0.0000167 J	0.0000183 J	<0.000050	0.000031 J	<0.000050	<0.000050	0.0000126 J	<0.000050	<0.000050	**0.00286**	<0.000050	0.0000275 J	<0.000050	<0.000050	<0.000050	0.0000716 J	0.0000262 J	0.0000978	NA	NA	NA
MW-3	5/10/2017	L908975-03	0.000066 BJ	<0.000050	<0.000050	0.0000129 J	<0.000050	0.0000167 J	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.0000151 BJ	<0.000050	0.00234 J	<0.000050	0.0000109 J	<0.000250	0.0000109	NA	NA	NA
MW-3	6/22/2022	L1509142-03	<0.0000917	<0.0000171	<0.0000190	0.00014	<0.0000158	<0.0000180	<0.0000190	<0.0000270	<0.0000169	<0.0000203	<0.0000179	<0.0000168	<0.0000184	0.0000698	<0.0000160	<0.0000184	<0.0000202	<0.0000687	<0.0000674	<0.0000674	NA	NA	NA
MW-4	5/18/2016	L836880-04	0.0000214 BJ	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.0000512 J	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000250	<0.000250	<0.000250	NA	NA	NA
MW-4	5/10/2017	L908975-04	0.0000449 BJ	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.0000050	<0.000050	<0.000050	<0.000050	0.00000157 BJ	<0.000050	<0.000050	<0.000050	<0.000250	<0.000250	<0.000250	NA	NA	NA
MW-4	6/22/2022	L1509142-04	<0.0000917	<0.0000171	<0.0000190	<0.0000169	<0.0000158	<0.0000180	<0.0000190	<0.0000270	<0.0000169	<0.0000203	<0.0000179	<0.0000168	<0.0000184	<0.0000191	<0.0000160	<0.0000184	<0.0000202	<0.0000687	<0.0000674	<0.0000674	NA	NA	NA
MW-5	5/18/2016	L836880-05	0.0000268 BJ	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.00000129 J	<0.000050	<0.000050	<0.000050	<0.000250	<0.000250	<0.000250	NA	NA	NA
MW-5	5/10/2017	L908975-05	0.0000695 BJ	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.00000217 BJ	<0.000050	<0.000050	<0.000050	<0.000250	<0.000250	<0.000250	NA	NA	NA
MW-5	6/22/2022	L1509142-05	<0.0000917	<0.0000171	<0.0000190	<0.0000169	<0.0000158	<0.0000180	<0.0000190	<0.0000270	<0.0000169	<0.0000203	<0.0000179	<0.0000168	<0.0000184	<0.0000191	<0.0000160	<0.0000184	<0.0000202	<0.0000687	<0.0000674	<0.0000674	NA	NA	NA
MW-6	5/18/2016	L836880-06	0.0000288 BJ	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000250	<0.000250	<0.000250	NA	NA	NA
MW-6	5/10/2017	L908975-06	0.0000496 BJ	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.00000168 BJ	<0.000050	<0.000050	<0.000050	<0.000250	<0.000250	<0.000250	NA	NA	NA
MW-6	6/22/2022	L1509142-06	<0.0000917	<0.0000171	<0.0000190	<0.0000169	<0.0000158	<0.0000180	<0.0000190	<0.0000270	<0.0000169	<0.0000203	<0.0000179	<0.0000168	<0.0000184	<0.0000191	<0.0000160	<0.0000184	<0.0000202	<0.0000687	<0.0000674	<0.0000674	NA	NA	NA
MW-7	5/18/2016	L836880-07	0.0000436 BJ	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.00000292 J	<0.000050	<0.000050	<0.000050	0.0000114 J	0.0000158 J	0.0000272	NA	NA	NA
MW-7	5/10/2017	L908975-07	0.0000909 BJ	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.00000247 BJ	<0.000050	<0.000050	<0.000050	<0.000250	<0.000250	<0.000250	NA	NA	NA
MW-7	6/22/2022	L1509142-07	<0.0000917	<0.0000171	<0.0000190	<0.0000169	<0.0000158	<0.0000180	<0.0000190	<0.0000270	<0.0000169	<0.0000203	<0.0000179	<0.0000168	<0.0000184	<0.0000191	<0.0000160	<0.0000184	<0.0000202	<0.0000687	<0.0000674	<0.0000674	NA	NA	NA
MW-8	12/7/2011	111251-03	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	NA	<0.0002	<0.0002	<0.0002	NA	NA	NA	NA	NA	NA
MW-8	6/12/2013	L641626-08	<0.000020	<0.0068	<0.0076	<0.0085	<0.000015	<0.0082	<0.0076	<0.000016	<0.000012	<0.000012	<0.000011	<0.000014	<0.000012	0.0000071	<0.000004	<0.000011	<0.000014	0.0000094	<0.000009	0.0000094	NA	NA	NA
MW-8	6/15/2015	L772316-08	0.00064	<0.000050	0.000029 J	0.00011	<0.000050	0.000095	<0.000050	<0.000050	0.000012 J	0.000012 J	<0.000050	<0.000050	<0.000050	0.00014	<0.000050	<0.000050	<0.000050	0.00092	0.00069	0.00161	NA	NA	NA
MW-8	5/18/2016	L836880-08	0.000119 BJ	<0.000050	0.0000204 J	0.0000734	<0.000050	0.0000771	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.00015	<0.000050	<0.000050	<0.000050	0.000215 J	0.000195 J	0.00041	NA	NA	NA
MW-8	5/10/2017	L908975-08	0.000109 BJ	<0.000050	0.0000153 J	0.0000709	<0.000050	0.0000824	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.000182	<0.000050	<0.000050	<0.000050	0.0000867 J	0.0000757 J	0.0001624	NA	NA	NA
MW-8	6/22/2022	L1509142-08	<0.0000917	<0.0000171	<0.0000190	<0.0000169	<0.0000158	<0.0000180	<0.0000190	<0.0000270	<0.0000169	<0.0000203	<0.0000179	<0.0000168	<0.0000184	<0.0000191	<0.0000160	<0.0000184	<0.0000202	<0.0000687	<0.0000674	<0.0000674	NA	NA	NA
MW-9	6/4/2014	L703463-09	<0.000025	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000250	<0.000250	NA	NA	NA	NA
MW-9	5/18/2016	L836880-09	0.0000472 BJ	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.00000136 J	<0.000050	<0.000050	<0.000050	0.000011 J	0.0000227 J	0.0000337	NA	NA	NA
MW-9	5/10/2017	L908975-09	0.0000505 BJ	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.00000168 BJ	<0.000050	<0.000050	<0.000050	<0.000250	<0.000250	NA	NA	NA	NA
MW-9	6/22/2022	L1509142-09	<0.0000917	<0.0000171	<0.0000190	<0.0000169	<0.0000158	<0.0000180	<0.0000190	<0.0000270	<0.0000169	<0.0000203	<0.0000179	<0.0000168	<0.0000050	<0.0000191	<0.0000160	<0.0000184	<0.0000202	<0.0000687	<0.0000674	<0.0000674	NA	NA	NA
RW-1	5/20/2008	T22301-2	0.0000345	<0.0016	<0.0015	0.0051	<0.0024	0.0041	<0.0018	<0.0016	<0.0011	<0.0014	<0.0013	<0.0015	<0.0016	NA	<0.0013	<0.0025	<0.0016	NA	0.0371	0.0371	15.6	9.76	
RW-1	5/20/2009	9052216	0.000541	<0.000756	<0.00104	<0.000560	<0.000856	0.0683	<0.000864	<0.000940	<0.000940	<0.000323	<0.975	<0.000674	<0.000541	0.0519	<0.000596	<0.000671	<0.000818	0.425	0.499	0.924	2.22	60.8	
RW-1	5/12/2010	1005477-09	0.000024	0.00043	<0.0002	0.0023	<0.0002	0.004	<0.0002	<0.0002	<0.0002	<0.0002	0.00049	<0.0002	<0.0002	NA	<0.0002	<0.0002	<0.0002	NA	NA	NA	80	120	21
RW-1	5/23/2012	12051130-09	0.0000044	<0.0000957	<0.0000957	0.00042	<0.0000957	0.00709	<0.0000957	<0.0000957	<0.0000957	<0.0000957	<0.0000957	<0.0000957	<0.0000957	NA	<0.0000957	<0.0000957	<0.0000957	NA	NA	NA	NA	NA	NA
RW-1	6/12/2013	L641626-09	0.00005	0.000049	0.00031	0.00019	<0.000015	0.00017	0.000049	0.000037	0.00003	0.000013	0.000011	0.000014	0.000012	0.000037	<0.000040	<0.000011	<0.000014	0.049	0.077	NA	NA	NA	NA
RW-1	6/4/2014	L703463-10	0.000019	0.00086	0.0008	<0.000050	<0.000050	0.0000045	0.00064	<0.000050	0.00037	<0.000050	<0.000050	<0.000050	0.00012	<0.050	<0.000050	<0.000050	<0.000050	0.03	0.029	**0.059**	NA	NA	NA
RW-1	6/15/2015	L772316-10	0.0000086	0.000094	0.0002	0.00094	<0.000050	0.00095	0.000078	<0.000050	0.000041 J	0.000034 J	0.000014 J	<0.000050	<0.000050	0.0000016	<0.000050	<0.000050	<0.000050	0.0085	0.0069	0.0154	NA	NA	NA
RW-1	5/18/2016	L836880-10	0.000731	<0.000050	0.000023 J	0.0000789	<0.000050	0.00068	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.000141	<0.000050	<0.000050	<0.000050	0.000723	0.000302	0.001025	NA	NA	NA
RW-1	5/10/2017	L908975-10	0.0132	0.0001	0.000178	0.000727	<0.000050	0.000694	<0.000050	<0.000050	0.00002222 J	<0.000050	<0.000050	<0.000050	<0.000050	0.00156	<0.000050	<0.000050	<0.000050	0.0109	0.00859	0.01949	NA	NA	NA
RW-1	6/1/2018	L1000318-10	0.00348	<0.000050	0.000117	0.000455	<0.000050	0.000465	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.000966	<0.000050	<0.000050	<0.000050	0.00411	0.00339	0.0075	NA	NA	NA
RW-1	5/8/2019	L1098116-10	0.00285	<0.000050	0.000138	0.000625	<0.000050	0.000520	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.00103	<0.000050	<0.000050	<0.000050	0.00423	0.00316	0.00739	NA	NA	NA
RW-1	6/25/2020	L1234440-10	0.00267	<0.0000500	0.000253	0.000934	<0.0000500	0.000825	<0.0000500	<0.000100	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	0.00146	<0.0000500	<0.0000500	<0.0000500	0.00655	0.00218	0.00873	NA	NA	NA
RW-1	6/24/2021	L1372107-10	0.00176	0.0000615	0.000110	0.000506	<0.0000500	0.000283	<0.0000500	<0.000100	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	0.000915	<0.0000500	<0.0000500	<0.0000500	0.00205	0.000409	0.002459	NA	NA	NA
RW-1	6/22/2022	L1509142-10	<0.0000917	<0.0000171	0.000124	0.000482	<0.0000158	0.000134	<0.0000190	<0.0000270	<0.0000169	<0.0000203	<0.0000179	<0.0000168	<0.0000050	0.000778	<0.0000160	<0.0000184	<0.0000202	0.00033	<0.0000674	<0.0000674	NA		
RW-2	5/20/2008	T22301-3	0.0000048 J	<0.0016	<0.0015	<0.0021	<0.0024	<0.0016	<0.0018	<0.00016	<0.0011	<0.00014	<0.0013	<0.0015	<0.0015	NA	<0.0013	<0.0025	<0.0016	NA	0.0043 J	0.0043	1.28	0.737	
RW-2	5/20/2009	9052216	0.0000257	<0.000355	<0.000657	<0.000263	<0.000402	0.0086	<0.000406	<0.000442	<0.000230	<0.000152	<0.000458	<0.000317	<0.000254	0.0067	<0.000280	<0.000315	<0.000384	0.0437	0.0442	**0.0879**	2.81	56.5	
RW-2	5/12/2010	1005477-10	0.000038	<0.0002	0.0011	0.00019	<0.0002	0.0047	0.0004	<0.0002	<0.0002	<0.0002	0.00049	<0.0002	<0.0002	NA	<0.0002	<0.0002	<0.0002	NA	NA		12	15	3.1
RW-2	5/23/2012	12051130-10	<0.0000965	0.000465	0.000375	0.00253	<0.0000965	0.0051	0.000464	0.000189	0.000226	<0.0000965	0.00057	<0.0965	<0.0965	NA	<0.0965	<0.0965	<0.0965	NA	NA	NA	NA	NA	NA
RW-2	6/12/2013	L641626-10	0.000013	0.000072	0.00017	0.0006	<0.000015	0.00061	0.0001	<0.000016	0.00005	<0.000012	0.000027	<0.000014	<0.000012	0.001	<0.000004	<0.000011	<0.000014	0.000012	0.000011	NA	NA	NA	NA
RW-2	6/6/2014	L703463-11	0.0000064	0.000059	0.00015	0.00056	<0.000050	0.00064	<0.000050	<0.000050	<0.000050	<0.000050	0.000029	<0.000050	<0.000050	0.001	<0.000050	<0.000050	<0.000050	0.00067	0.0059	0.00657	NA	NA	NA
RW-2	6/15/2015	L772316-11	0.0000019	0.00015	0.00061	0.0011	<0.000050	0.0014	0.00018	<0.000050	0.000061	0.00007	0.000067	<0.000050	<0.000050	0.0018	<0.000050	<0.000050	<0.000050	0.016	0.015	**0.031**	NA	NA	NA
RW-2	5/18/2016	L836880-11	0.00000516	0.0000345 J	0.0000742	0.000316	<0.000050	0.000284	<0.000050	<0.000050	0.0000224 J	<0.000050	<0.000050	<0.000050	<0.000050	0.000527	<0.000050	<0.000050	<0.000050	0.00443	0.0024	0.00683	NA	NA	NA
RW-2	5/10/2017	L908975-11	0.0000171	0.0000627	0.00012	0.000483	<0.000050	0.000461	<0.000050	<0.000050	0.0000144 J	<0.000050	<0.000050	0.00252 J	<0.000050	0.000877	<0.000050	<0.000050	<0.000050	0.0107	0.00825	0.01895	NA	NA	NA
RW-2	6/1/2018	L1000318-11	<0.000250	<0.000050	0.000087	0.000318	<0.000050	0.00033	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.000438	<0.000050	<0.000050	<0.000050	0.00301	0.000443	0.003453	NA	NA	NA
RW-2	5/8/2019	L1098116-11	0.00615	<0.000050	0.000249	0.000999	<0.000050	0.000919	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.00157	<0.000050	<0.000050	<0.000050	0.0141	0.00593	0.02003	NA	NA	NA
RW-2	6/25/2020	l1234440-11	0.000748	<0.0000500	0.000110	0.000476	<0.0000500	0.000357	<0.0000500	<0.000100	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	0.000668	<0.0000500	<0.0000500	<0.0000500	0.00456	<0.000250	0.00456	NA	NA	NA
RW-2	6/24/2021	L1372107-11	<0.000250	<0.0000500	<0.0000500	<0.0000500	<0.0000500	0.0000754	<0.0000500	<0.000100	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.000250	<0.000250	<0.000250	NA	NA	NA

TABLE 5
PAH Groundwater Analytical Results
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Monitoring Well	Sample Date	Lab Report #	Naphthalene	Acenaphthylene	Acenaphthene	Flourene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo[a]-anthracene	Chrysene	Benzo[b]-fluoranthene	Benzo[a]-pyrene	Dibenzofuran	Dibenz[a,h]-anthracene	Benzo[g,h,i]-perylene	Benzo(k)fluoranthene	1-Methylnaphthalene	2-Methylnaphthalene	Total methylnaphthalene	TPH-GRO (C6-C10)	TPH (C10-C28)	TPH (C28-C30)
Units			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	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*)			0.03		0.365	0.243	0.0091	1.1	1.83	1.46	0.183	0.00091	0.0291	0.00091	0.0007**		0.091		9.1			***			
RW-2	6/22/2022	L1509142-11	0.00206	<0.0000171	0.0000798	0.000294	<0.0000158	0.000184	<0.0000190	<0.0000270	<0.0000169	<0.0000203	<0.0000179	<0.0000168	<0.0000184	0.000464	<0.0000160	<0.0000184	<0.0000202	0.00352	0.00185	0.00537	NA	NA	NA
RW-3	5/20/2008	T22301-4	0.0000231	<0.0016	<0.0015	<0.0021	<0.0024	<0.0016	<0.0018	<0.0016	<0.0011	<0.0014	<0.0013	<0.0015	<0.0016	NA	<0.0013	<0.0025	<0.0016	NA	0.0201	0.0201	15.5	2.92	
RW-3	5/20/2009	9052216	0.00611	<0.0000703	<0.000130	0.00063	<0.0797	0.00077	<0.0000803	<0.0000875	<0.0000456	<0.0000301	<0.0000908	<0.0000627	<0.0000503	0.0008777	<0.0000555	<0.0000624	<0.0000761	0.00641	0.00423	0.01064	1.56 J	<0.876	
RW-3	5/12/2010	1005477-11	0.000015	<0.0002	<0.0002	0.00089	<0.0002	0.0011	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	NA	<0.0002	<0.0002	<0.0002	NA	NA	NA	3.9	3.1	<0.48
RW-3	5/23/2012	12051130-11	0.0000208	0.000129	0.000129	0.000793	<0.0000991	0.00107	<0.0000991	<0.0000991	<0.0000991	<0.0000991	<0.0000991	<0.0000991	<0.0000991	NA	<0.00000991	<0.0000991	<0.0000991	NA	NA	NA	NA	NA	NA
RW-3	6/12/2013	L641626-11	0.000025	0.00016	0.00036	0.0013	<0.000015	0.0018	0.00022	0.000047	0.0001	0.000013	0.000033	0.000014	0.00012	0.0022	<0.000004	<0.000011	<0.000014	0.022	0.022	NA	NA	NA	NA
RW-3	6/4/2014	L703463-12	0.000042	0.00000039	0.00091	0.003	<0.000050	0.0046	0.00076	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.00013	0.0044	<0.000050	<0.000050	<0.000050	0.038	0.04	**0.078**	NA	NA	NA
RW-3	6/15/2015	L772316-12	0.0000098	0.000017 J	0.000046 J	0.00016	<0.000050	0.00013	0.000031 J	<0.000050	0.000024 J	0.000026 J	<0.000050	<0.000050	<0.000050	0.0002	<0.000050	<0.000050	<0.000050	0.0011	0.002	0.0031	NA	NA	NA
RW-3	5/18/2016	L836880-12	0.0000022	0.0000239 J	0.0000541	0.000218	<0.000050	0.000212	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.000467	<0.000050	<0.000050	<0.000050	0.00239	0.0019	0.00429	NA	NA	NA
RW-3	5/11/2017	L908975-12	0.00000526	0.0000579	0.000131	0.000487	<0.000050	0.000498	<0.000050	<0.000050	0.0000199 J	<0.000050	<0.000050	<0.000050	<0.000050	0.000919	<0.000050	<0.000050	<0.000050	0.00509	0.0036	0.00869	NA	NA	NA
RW-3	6/1/2018	L1000318-12	0.00464	<0.000050	0.000236	0.000884	<0.000050	0.000985	<0.000050	<0.000050	0.00006	<0.000050	<0.000050	<0.000050	<0.000050	0.00139	<0.000050	<0.000050	<0.000050	0.00691	0.00472	0.01163	NA	NA	NA
RW-3	6/25/2020	L1234440-12	<0.000250	<0.0000500	0.000192	0.000941	<0.0000500	0.000408	<0.0000500	0.000127	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	0.00159	<0.0000500	<0.0000500	<0.0000500	0.00282	<0.000250	0.00282	NA	NA	NA
RW-3	6/25/2021	L1372107-12	<0.000250	<0.0000500	<0.0000500	<0.0000500	<0.0000500 J3J4	<0.0000500	<0.0000500	<0.000100	<0.0000500	<0.0000500	<0.0000500 J3	<0.0000500 J3	<0.0000500 J3J4	<0.0000500	<0.0000500 J3J4	<0.0000500 J3J4	<0.0000500 J3J4	<0.000250	<0.000250	<0.000250	NA	NA	NA
RW-3	6/22/2022	L1509142-12	0.00705	0.0000966	0.000173	0.0000865	<0.0000158	0.000595	<0.0000190	0.0000285 J	<0.0000169	0.0000284 J	<0.0000179	<0.0000168	<0.0000184	0.00132	<0.0000160	<0.0000184	<0.0000202	0.00816	0.00638	0.01454	NA	NA	NA
RW-4	5/12/2010	1005477-12	0.000043	<0.0002	0.0004	0.0021	<0.0002	0.0035	<0.0002	<0.0002	<0.0002	<0.0002	0.00044	<0.0002	<0.0002	NA	<0.0002	<0.0002	<0.0002	NA	NA	NA	40	48	7.8
RW-4	5/23/2012	12051130-12	0.000017	0.000236	0.00026	0.00151	<0.0000962	0.00326	<0.0000962	<0.0000962	0.000104	<0.0000962	0.000295	<0.0000962	<0.0000962	NA	<0.0000962	<0.0000962	<0.0000962	NA	NA	NA	NA	NA	NA
RW-4	6/12/2013	L641626-12	**0.057**	0.2	**0.41**	**1.6**	<0.015	**1.8**	0.1	1.6	0.054	<0.012	0.017	<0.014	<0.012	3.1	<0.004	<0.011	<0.014	41	42	NA	NA	NA	NA
RW-4	6/4/2014	L703463-13	0.000052	0.00089	0.002	0.0062	<0.000050	0.00001	<0.000050	<0.000050	0.00075	<0.000050	<0.000050	<0.000050	0.00032	0.0083	<0.000050	<0.000050	<0.000050	0.0068	0.072	0.0788	NA	NA	NA
RW-4	6/15/2015	L772316-13	0.000074	0.00009	0.00016	0.00081	<0.000050	0.00076	0.000057	<0.000050	0.000023 J	0.00002 J	<0.000050	0.0000035 J	<0.000050	0.0015	<0.000050	0.0000033 J	<0.000050	0.0082	0.0045	0.0127	NA	NA	NA
RW-4	5/18/2016	L836880-13	0.000277	0.000257	0.000552	0.00236	<0.000050	0.00247	<0.000050	<0.000050	0.000206	<0.000050	<0.000050	<0.000050	<0.000050	0.00331	<0.000050	0.0000166 J	<0.000050	0.0213	0.0128	**0.0341**	NA	NA	NA
RW-4	5/10/2017	L908975-13	0.00000233	0.000139	0.000285	0.0012	<0.000050	0.00112	0.0000737	<0.000050	0.0000311 J	<0.000050	<0.000050	<0.000050	<0.000050	0.00237	<0.000050	0.00000296 J	<0.000050	0.0212	0.0127	**0.0339**	NA	NA	NA
RW-4	6/1/2018	L1000318-13	0.0139	<0.000050	0.000326	<0.000050	<0.000050	0.00134	<0.000050	<0.000050	0.0000522	<0.000050	<0.000050	<0.000050	<0.000050	0.0023	<0.000050	<0.000050	<0.000050	0.018	0.0101	0.0281	NA	NA	NA
RW-4	6/25/2020	L1234440-13	0.00276	<0.0000500	0.000298	0.00131	<0.0000500	0.000992	<0.0000500	<0.000100	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	0.00228	<0.0000500	<0.0000500	<0.0000500	0.00964	0.00112	0.01076	NA	NA	NA
RW-4	6/25/2021	L1372107-13	0.00121	<0.0000500	0.000149	0.000795	<0.0000500 J3J4	0.000695	<0.0000500	<0.000100	<0.0000500	<0.0000500	<0.0000500 J3	<0.0000500 J3	<0.0000500 J3J4	0.00164	<0.0000500 J3J4	<0.0000500 J3J4	<0.0000500 J3J4	0.00325	0.000265	0.003515	NA	NA	NA
RW-4	6/22/2022	L1509142-13	0.000592	<0.0000171	0.000119	0.00045	<0.0000158	0.00056	<0.0000190	<0.0000270	<0.0000169	<0.0000203	<0.0000179	<0.0000168	<0.0000184	0.000879	<0.0000160	<0.0000184	<0.0000202	0.00137	0.000174 J	0.001544	NA	NA	NA
RW-5	5/12/2010	1005477-13	0.0000096	<0.0002	<0.0002	0.00074	<0.0002	0.00086	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	NA	<0.0002	<0.0002	<0.0002	NA	NA	NA	7.8	3.8	<0.47
RW-5	5/23/2012	12051130-13	0.00000776	0.000364	0.000203	0.00157	**<0.0962**	0.00344	<0.0000962	<0.0000962	<0.0000962	<0.0000962	0.000349	<0.0000962	<0.0000962	<0.0000962	<0.0000962	<0.0000962	<0.0000962	NA	NA	NA	NA	NA	NA
RW-5	6/12/2013	L641626-13	<0.0000082	<0.0000068	<0.0000082	<0.0000085	<0.000015	<0.0000082	<0.0000076	<0.000016	<0.000012	<0.000012	<0.000011	<0.000014	<0.000012	0.0000048	<0.000004	<0.000011	<0.0000014	<0.0000082	<0.000009	NA	NA	NA	NA
RW-5	6/4/2014	L703463-14	0.0000068	0.0001	0.00015	0.00087	<0.000050	0.0008	0.000041	<0.000050	0.000029	<0.000050	<0.000050	<0.000050	<0.000050	0.0017	<0.000050	<0.000050	<0.000050	0.0068	0.0047	0.0115	NA	NA	NA
RW-5	6/15/2015	L772316-14	0.000034	0.0002	0.00019	0.0017	<0.000050	0.0017	0.00019	0.000034	0.000099	0.000067	0.000037 J	0.000011 J	0.000029 J	0.003	<0.000050	0.0000059 J	<0.000050	0.029	0.029	**0.058**	NA	NA	NA
RW-5	5/18/2016	L836880-14	0.000387	0.0000186 J	0.0000466 J	0.000205	<0.000050	0.000137	<0.000050	<0.000050	0.00000202 J	<0.000050	<0.000050	<0.000050	<0.000050	0.000925	<0.000050	0.00000318 J	<0.000050	0.000497	0.00038	0.000877	NA	NA	NA
RW-5	5/10/2017	L908975-14	0.00603	0.0000564	0.000115	0.000463	<0.000050	0.00042	<0.000050	<0.000050	0.0000182 J	<0.000050	<0.000050	<0.000050	<0.000050	0.00164	<0.000050	<0.000050	<0.000050	0.00616	0.00424	0.0104	NA	NA	NA
RW-5	6/1/2018	L1000318-14	0.00363	<0.000050	0.00016	0.000592	<0.000050	0.000638	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.00166	<0.000050	<0.000050	<0.000050	0.00598	0.00327	0.00925	NA	NA	NA
RW-5	6/25/2020	L1234440-14	0.00124	<0.0000500	0.000168	0.000651	<0.0000500	0.000573	<0.0000500	<0.000100	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	0.00191	<0.0000500	<0.0000500	<0.0000500	0.00312	0.000856	0.003976	NA	NA	NA
RW-5	6/25/2021	L1372107-14	0.00113	<0.0000500	0.000136	0.000609	<0.0000500 J3J4	0.000658	<0.0000500	<0.000100	<0.0000500	<0.0000500	<0.0000500 J3	<0.0000500 J3	<0.0000500 J3J4	0.00169	<0.0000500 J3J4	<0.0000500 J3J4	<0.0000500 J3J4	0.00259	0.000947	0.003537	NA	NA	NA
RW-5	6/22/2022	L1509142-14	0.000679	<0.0000171	0.000140	0.000476	<0.0000158	0.000589	<0.0000190	<0.0000270	0.0000172 J	<0.0000203	<0.0000179	<0.0000168	<0.0000184	0.00135	<0.0000160	<0.0000184	<0.0000202	0.00112	0.000488	0.001608	NA	NA	NA
IW-1	6/4/2014	L703463-15	0.000029	0.0038	0.012	0.043	<0.000050	0.078	<0.000050	<0.000050	0.006	<0.000050	<0.000050	<0.000050	**0.0022**	0.058	<0.000050	<0.000050	<0.000050	0.41	0.46	**0.87**	NA	NA	NA
IW-1	6/15/2015	L772316-15	0.0000049	0.000074	0.000067	0.00057	<0.000050	0.00068	0.000058	<0.000050	0.000027 J	0.000022 J	<0.000050	0.000003 J	<0.000050	0.00079	<0.000050	<0.000050	<0.000050	0.0052	0.0043	0.0095	NA	NA	NA
IW-1	5/18/2016	L836880-15	0.000000276	0.0000419 J	0.0000818	0.000316	<0.000050	0.000341	<0.000050	<0.000050	0.000013 J	<0.000050	<0.000050	<0.000050	<0.000050	0.000509	<0.000050	<0.000050	<0.000050	0.00364	0.00129	0.00493	NA	NA	NA
IW-1	5/11/2017	L908975-15	0.0000191	0.000124	0.000258	0.000956	<0.000050	0.00113	0.000106	<0.000050	0.0000481 J	<0.000050	<0.000050	<0.000050	<0.000050	0.00166	<0.000050	0.0000048 J	<0.000050	0.0175	0.0138	**0.0313**	NA	NA	NA
IW-1	6/1/2018	L1000318-15	0.019	<0.000050	0.000434	0.0015	<0.000050	0.00195	<0.000050	<0.000050	0.000105	<0.000050	0.000058	<0.000050	<0.000050	0.00232	<0.000050	<0.000050	<0.000050	0.0193	0.0176	**0.0369**	NA	NA	NA
IW-1	5/8/2019	L1098116-15	**0.0524**	<0.000050	0.000371	0.00174	<0.000050	0.00165	<0.000050	<0.000050	0.0000618	**0.000915**	<0.000050	<0.000050	<0.000050	0.00293	<0.000050	<0.000050	<0.000050	0.0383	0.0336	**0.0719**	NA	NA	NA
IW-1	6/25/2020	L1234440-15	0.0196	<0.0000500	0.000346	0.00149	<0.0000500	0.00119	<0.0000500	<0.000100	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	0.00276	<0.0000500	<0.0000500	<0.0000500	0.0231	0.0160	**0.0391**	NA	NA	NA
IW-1	6/25/2021	L1372107-15	0.00554	<0.0000500	0.000334	0.00127	<0.0000500 J3J4	0.00100	<0.0000500	<0.000100	<0.0000500	<0.0000500	<0.0000500 J3	<0.0000500 J3	<0.0000500 J3J4	0.00148	<0.0000500 J3J4	<0.0000500 J3J4	<0.0000500 J3J4	0.0101	0.00677	**0.01687**	NA	NA	NA
IW-1	6/22/2022	L1509142-15	0.0198	<0.0000171	0.000317	0.00135	<0.0000158	0.00107	<0.0000190	<0.0000270	0.0000561	<0.0000203	<0.0000179	<0.0000168	<0.0000184	0.00206	<0.0000160	<0.0000184	<0.0000202	0.0169	0.01390	**0.0308**	NA	NA	NA
IW-2	6/4/2014	L703463-16	0.00003	0.0011	0.001	0.0034	<0.000050	0.0059	0.00099	<0.000050	0.00052	<0.000050	0.00023	<0.000050	0.0002	0.0049	<0.000050	<0.000050	<0.000050	0.041	0.043	84	NA	NA	NA
IW-2	6/15/2015	L772316-16	0.0000078	0.000083	0.00016	0.00072	<0.000050	0.00073	0.000083	<0.000050	0.000038 J	0.00003	0.000012 J	0.0000072 J	<0.000050	0.000001	<0.000050	0.0000035 J	<0.000050	0.0087	0.0083	0.017	NA	NA	NA
IW-2	5/18/2016	L836880-16	0.00000059 BJ	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.00000527 J	<0.000050	<0.000050	<0.000050	0.000022 J	<0.250	0.022	NA	NA	NA
IW-2	5/11/2017	L908975-16	0.00000746	0.0000966	0.000245	0.000871	<0.000050	0.00108	<0.000050	<0.000050	0.0000774	<0.000050	<0.000050	<0.000050	<0.000050	0.00113	<0.000050	<0.000050	<0.000050	0.00918	0.00808	0.01726	NA	NA	NA
IW-2	6/1/2018	L1000318-16	0.00627	<0.000050	0.00031	0.00104	<0.000050	0.0013	<0.000050	<0.000050	0.0000947	<0.000050	<0.000050	<0.000050	<0.000050	0.00148	<0.000050	<0.000050	<0.000050	0.0102	0.00699	0.01719	NA	NA	NA
IW-2	5/8/2019	L1098116-16	0.00625	<0.000050	0.000225	0.000972	<0.000050	0.000989	<0.000050	<0.000050	0.0000605	<0.000050	<0.000050	<0.000050	<0.000050	0.00131	<0.000050	<0.000050	<0.000050	0.00949	0.00593	0.01542	NA	NA	NA
IW-2	6/25/2020	L1234440-16	0.00160	<0.0000500	0.000210	0.00104	<0.0000500	0.000937	<0.0000500	<0.000100	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	0.00156	<0.0000500	<0.0000500	<0.0000500	0.00811	0.00186	0.00997	NA	NA	NA
IW-2	6/25/2021	L1372107-16	0.00746	<0.0000500	0.0000967	0.000460	<0.0000500 J3J4	0.000103	<0.0000500	<0.000100	<0.0000500	<0.0000500	<0.0000500 J3	<0.0000500 J3	<0.0000500 J3J4	0.000685	<0.0000500 J3J4	<0.0000500 J3J4	<0.0000500 J3J4	0.00205	<0.000250	0.00205	NA	NA	NA
IW-2	6/22/2022	L1509142-16	0.00446	<0.0000171	0.0001520	0.000865	<0.0000158	0.000963	<0.0000190	<0.0000270	0.0000222 J	<0.0000203	<0.0000179	<0.0000168	<0.0000184	0.00148	<0.0000160	<0.0000184	<0.0000202	0.00604	0.00314	0.00918	NA	NA	NA
IW-3	6/4/2014	L703463-17	0.000016	0.00018	0.00072	0.0021	<0.000050	0.0037	<0.000050	<0.000050	0.00032	<0.000050	<0.000050	<0.000050	0.0001	0.0028	<0.000050	<0.000050	<0.000050	0.022	0.022	**0.044**	NA	NA	NA
IW-3	6/15/2015	L772316-17	0.0000027	0.000034 J	0.000038 J	0.00031	<0.000050	0.0003	0.000034 J	<0.000050	0.000015 J	0.000013 J	<0.000050	0.0000026 J	<0.000050	0.0004	<0.000050	0.0000025 J	<0.000050	0.0033	0.0026	0.0059	NA	NA	NA
IW-3	5/18/2016	L836880-17	0.000513	<0.000050	<0.000050	0.0000257 J	<0.000050	0.0000296 J	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.0000437 J	<0.000050	<0.000050	<0.000050	0.000396	0.000343	0.000739	NA	NA	NA
IW-3	5/11/2017	L908975-17	0.0000347	0.00021	0.000454	0.00167	<0.000050	0.00196	<0.000050	<0.000050	0.000103	<0.000050	<0.000050	<0.000050	<0.000050	0.00265	<0.000050	0.0000134 J	<0.000050	0.0294	0.0277	**0.0571**	NA	NA	NA
IW-3	6/2/2018	L1000318-17	**0.0353**	<0.000250	0.000995	0.00277	<0.000250	0.0041	<0.000250	<0.000250	0.000337	<0.000250	<0.000250	<0.000250	<0.000250	0.00422	<0.000250	<0.000250	<0.000250	0.0361	0.0357	**0.0718**	NA	NA	NA
IW-3	5/8/2019	L1098116-17	0.0236	<0.000050	0.000272	0.00116	<0.000050	0.00105	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.00182	<0.000050	<0.000050	<0.000050	0.0225	0.0210	**0.0435**	NA	NA	NA
IW-3	6/25/2020	L1234440-17	**0.0441**	<0.0000500	0.000209	0.00179	<0.0000500	0.00140	<0.0000500	<0.000100	<0.0000500	<0.0000500	<0.0000500	<0.0000500	<0.0000500	0.00274	<0.0000500	<0.0000500	<0.0000500	0.0320	0.0304	**0.0624**	NA	NA	NA
IW-3	6/25/2021	L1372107-17	0.0256	<0.0000500	0.000311	0.00138	<0.0000500 J3J4	0.00121	<0.0000500	<0.000100	<0.0000500	<0.0000500	<0.0000500 J3	<0.0000500 J3	<0.0000500 J3J4	0.00210	<0.0000500 J3J4	<0.0000500 J3J4	<0.0000500 J3J4	0.0230	0.0185	**0.0415**	NA	NA	NA
IW-3	6/22/2022	L1509142-17	0.0206	<0.0000171	0.000457	0.00177	<0.0000158	0.00189	<0.0000190	0.0000525J	0.000130	<0.0000203	<0.0000179	<0.0000168	<0.0000184	0.00246	<0.0000160	<0.0000184	<0.0000202	0.0212	0.0184	**0.0396**	NA	NA	NA

NMOCD: New Mexico Oil Conservation Division
Exceedences of NMOCD Remediation Criteria are shown in **bold**
J: Analyte detected below method detection limit (MDL but above sample detection limit (SDL)
* Values reported from run 2 as carry over was reported in run 1
Tap Water*: New Mexico Environmental Department (NMED) Tap Water Soil screening levels for residential scenarios.
*** = NM Water Quality Standard for PAHs is 30µg/L for total naphthalenes plus monomethylnaphthalenes (total methylnaphthalenes)
** = NM Water Quality Standard
[a] Estimated concentration value greater than standard range
NA: Not analyzed

TABLE 6
PSH and Dissolved PHase Groundwater Recovery Data
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well	Year	Maximum PSH Thickness (feet)	Minimum PSH Thickness (feet)	PSH Recovered (gallons)	Groundwater Recovered (gallons)	Total Fluids Recovered (gallons)
MW-1	2019	0.43	0.01	0.00	440.00	440
	2020	0.71	0.01	0.75	269.25	270
	2021	0.02	0.02	1.50	493.25	494.75
	2022	Sheen	0	0.25	129.75	130
RW1	2019	0.02	0.01	0.00	320.00	320
	2020	0.04	0.01	0.00	200.00	200
	2021	0.02	0.01	1.00	419.00	420
	2022	0	0	0.00	80.00	80
RW2	2019	0.07	0.02	0.00	170.00	170
	2020	0	0	0.00	70.00	70
	2021	0.25	0.02	14.50	330.50	345
	2022	Sheen	0	0.50	118.50	119
RW3	2019	0.06	0.01	Recovery System		
	2020	0.22	0.01	Recovery System		
	2021	1.06	0.01	Recovery System		
	2022	0	0	Recovery System		
RW4	2019	0.02	0.01	0.00	140.00	140
	2020	0.01	0.01	0.00	170.00	170
	2021	0	0	0.00	395.00	395
	2022	0	0	0.00	50.00	50
RW5	2019	0.01	0.01	0.00	100.00	100
	2020	0.04	0.04	0.00	140.00	140
	2021	0.01	0.01	0.00	395.00	395
	2022	0	0	0.00	50.00	50
IW-1	2019	0.06	0.01	Recovery System		
	2020	0.18	0.01	Recovery System		
	2021	1.35	0.01	Recovery System		
IW-1	2022	0	0	Recovery System		
IW-2	2019	0.03	0.01	Recovery System		
	2020	0.02	0.01	Recovery System		
	2021	0.02	0.01	Recovery System		
	2022	0	0	Recovery System		
IW-3	2019	0.37	0.01	Recovery System		
	2020	0.55	0.01	Recovery System		
	2021	0.34	0.01	Recovery System		
	2022	0	0	Recovery System		

TABLE 6
PSH and Dissolved PHase Groundwater Recovery Data
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well	Year	Maximum PSH Thickness (feet)	Minimum PSH Thickness (feet)	PSH Recovered (gallons)	Groundwater Recovered (gallons)	Total Fluids Recovered (gallons)
	2019			0.00	1170.00	1170
	2020			0.75	849.25	850
	2021			17.00	2032.75	2049.75
	2022			0.75	428.25	429
Totals for 2019-2022				**18.50**	**4430.25**	4448.75

APPENDIX A

2022 Laboratory Analytical Data

ANALYTICAL REPORT

February 22, 2023

Revised Report

Plains All American Pipeline

Sample Delivery Group:	L1475832
Samples Received:	03/26/2022
Project Number:	PAA12014
Description:	Vac to Jal#3
Site:	SRS - 2003-00117
Report To:	Bill Goldsby 21 Waterway Ave., Suite 300 The Woodlands, TX 77380

Entire Report Reviewed By:

Chad A Upchurch
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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MW2 L1475832-01 GW

Collected by: Chris Sanchez | Collected date/time: 03/24/22 11:10 | Received date/time: 03/26/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1841850	1	04/01/22 13:01	04/01/22 13:01	BMB	Mt. Juliet, TN

MW3 L1475832-02 GW

Collected by: Chris Sanchez | Collected date/time: 03/24/22 11:30 | Received date/time: 03/26/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1841850	1	04/01/22 13:20	04/01/22 13:20	BMB	Mt. Juliet, TN

MW4 L1475832-03 GW

Collected by: Chris Sanchez | Collected date/time: 03/24/22 11:00 | Received date/time: 03/26/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1841850	1	04/01/22 13:39	04/01/22 13:39	BMB	Mt. Juliet, TN

MW5 L1475832-04 GW

Collected by: Chris Sanchez | Collected date/time: 03/24/22 11:50 | Received date/time: 03/26/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1841850	1	04/01/22 13:58	04/01/22 13:58	BMB	Mt. Juliet, TN

MW6 L1475832-05 GW

Collected by: Chris Sanchez | Collected date/time: 03/24/22 11:20 | Received date/time: 03/26/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1841850	1	04/01/22 14:17	04/01/22 14:17	BMB	Mt. Juliet, TN

MW7 L1475832-06 GW

Collected by: Chris Sanchez | Collected date/time: 03/24/22 11:40 | Received date/time: 03/26/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1841850	1	04/01/22 14:36	04/01/22 14:36	BMB	Mt. Juliet, TN

MW8 L1475832-07 GW

Collected by: Chris Sanchez | Collected date/time: 03/24/22 12:10 | Received date/time: 03/26/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1841850	1	04/01/22 14:55	04/01/22 14:55	BMB	Mt. Juliet, TN

MW9 L1475832-08 GW

Collected by: Chris Sanchez | Collected date/time: 03/24/22 12:00 | Received date/time: 03/26/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1841850	1	04/01/22 15:14	04/01/22 15:14	BMB	Mt. Juliet, TN

SAMPLE SUMMARY

RW1 L1475832-09 GW

Collected by: Chris Sanchez
Collected date/time: 03/24/22 12:20
Received date/time: 03/26/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1841850	1	04/01/22 15:33	04/01/22 15:33	BMB	Mt. Juliet, TN

DUP-01 L1475832-10 GW

Collected by: Chris Sanchez
Collected date/time: 03/24/22 00:00
Received date/time: 03/26/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1841850	1	04/01/22 15:52	04/01/22 15:52	BMB	Mt. Juliet, TN

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.

Chad A Upchurch
Project Manager

Report Revision History

Level II Report - Version 1: 04/04/22 15:29

Project Narrative

Revised Report: Updated to report to RDL/MDL, per client request - 2/21/23.

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	04/01/2022 13:01	WG1841850
Toluene	<0.000278		0.000278	0.00100	1	04/01/2022 13:01	WG1841850
Ethylbenzene	<0.000137		0.000137	0.00100	1	04/01/2022 13:01	WG1841850
Total Xylenes	<0.000174		0.000174	0.00300	1	04/01/2022 13:01	WG1841850
(S) Toluene-d8	*110*			*80.0-120*		*04/01/2022 13:01*	WG1841850
(S) 4-Bromofluorobenzene	*93.2*			*77.0-126*		*04/01/2022 13:01*	WG1841850
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*04/01/2022 13:01*	WG1841850

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	04/01/2022 13:20	WG1841850
Toluene	<0.000278		0.000278	0.00100	1	04/01/2022 13:20	WG1841850
Ethylbenzene	<0.000137		0.000137	0.00100	1	04/01/2022 13:20	WG1841850
Total Xylenes	<0.000174		0.000174	0.00300	1	04/01/2022 13:20	WG1841850
(S) Toluene-d8	*105*			*80.0-120*		*04/01/2022 13:20*	WG1841850
(S) 4-Bromofluorobenzene	*94.6*			*77.0-126*		*04/01/2022 13:20*	WG1841850
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*04/01/2022 13:20*	WG1841850

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	04/01/2022 13:39	WG1841850
Toluene	<0.000278		0.000278	0.00100	1	04/01/2022 13:39	WG1841850
Ethylbenzene	<0.000137		0.000137	0.00100	1	04/01/2022 13:39	WG1841850
Total Xylenes	<0.000174		0.000174	0.00300	1	04/01/2022 13:39	WG1841850
(S) Toluene-d8	*105*			*80.0-120*		*04/01/2022 13:39*	WG1841850
(S) 4-Bromofluorobenzene	*94.7*			*77.0-126*		*04/01/2022 13:39*	WG1841850
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*04/01/2022 13:39*	WG1841850

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	04/01/2022 13:58	WG1841850
Toluene	<0.000278		0.000278	0.00100	1	04/01/2022 13:58	WG1841850
Ethylbenzene	<0.000137		0.000137	0.00100	1	04/01/2022 13:58	WG1841850
Total Xylenes	<0.000174		0.000174	0.00300	1	04/01/2022 13:58	WG1841850
(S) Toluene-d8	*116*			*80.0-120*		*04/01/2022 13:58*	WG1841850
(S) 4-Bromofluorobenzene	*92.5*			*77.0-126*		*04/01/2022 13:58*	WG1841850
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*04/01/2022 13:58*	WG1841850

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	04/01/2022 14:17	WG1841850
Toluene	<0.000278		0.000278	0.00100	1	04/01/2022 14:17	WG1841850
Ethylbenzene	<0.000137		0.000137	0.00100	1	04/01/2022 14:17	WG1841850
Total Xylenes	<0.000174		0.000174	0.00300	1	04/01/2022 14:17	WG1841850
(S) Toluene-d8	*104*			*80.0-120*		*04/01/2022 14:17*	WG1841850
(S) 4-Bromofluorobenzene	*95.6*			*77.0-126*		*04/01/2022 14:17*	WG1841850
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*04/01/2022 14:17*	WG1841850

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	04/01/2022 14:36	WG1841850
Toluene	<0.000278		0.000278	0.00100	1	04/01/2022 14:36	WG1841850
Ethylbenzene	<0.000137		0.000137	0.00100	1	04/01/2022 14:36	WG1841850
Total Xylenes	<0.000174		0.000174	0.00300	1	04/01/2022 14:36	WG1841850
(S) Toluene-d8	*103*			*80.0-120*		*04/01/2022 14:36*	WG1841850
(S) 4-Bromofluorobenzene	*93.3*			*77.0-126*		*04/01/2022 14:36*	WG1841850
(S) 1,2-Dichloroethane-d4	*129*			*70.0-130*		*04/01/2022 14:36*	WG1841850

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	04/01/2022 14:55	WG1841850
Toluene	<0.000278		0.000278	0.00100	1	04/01/2022 14:55	WG1841850
Ethylbenzene	<0.000137		0.000137	0.00100	1	04/01/2022 14:55	WG1841850
Total Xylenes	<0.000174		0.000174	0.00300	1	04/01/2022 14:55	WG1841850
(S) Toluene-d8	*102*			*80.0-120*		*04/01/2022 14:55*	WG1841850
(S) 4-Bromofluorobenzene	*91.0*			*77.0-126*		*04/01/2022 14:55*	WG1841850
(S) 1,2-Dichloroethane-d4	*135*	J1		*70.0-130*		*04/01/2022 14:55*	WG1841850

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	04/01/2022 15:14	WG1841850
Toluene	<0.000278		0.000278	0.00100	1	04/01/2022 15:14	WG1841850
Ethylbenzene	<0.000137		0.000137	0.00100	1	04/01/2022 15:14	WG1841850
Total Xylenes	<0.000174		0.000174	0.00300	1	04/01/2022 15:14	WG1841850
(S) Toluene-d8	*103*			*80.0-120*		*04/01/2022 15:14*	WG1841850
(S) 4-Bromofluorobenzene	*92.7*			*77.0-126*		*04/01/2022 15:14*	WG1841850
(S) 1,2-Dichloroethane-d4	*133*	J1		*70.0-130*		*04/01/2022 15:14*	WG1841850

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0135		0.0000941	0.00100	1	04/01/2022 15:33	WG1841850
Toluene	0.000391	J	0.000278	0.00100	1	04/01/2022 15:33	WG1841850
Ethylbenzene	0.00320		0.000137	0.00100	1	04/01/2022 15:33	WG1841850
Total Xylenes	0.00541		0.000174	0.00300	1	04/01/2022 15:33	WG1841850
(S) Toluene-d8	*98.7*			*80.0-120*		*04/01/2022 15:33*	WG1841850
(S) 4-Bromofluorobenzene	*95.6*			*77.0-126*		*04/01/2022 15:33*	WG1841850
(S) 1,2-Dichloroethane-d4	*129*			*70.0-130*		*04/01/2022 15:33*	WG1841850

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	04/01/2022 15:52	WG1841850
Toluene	<0.000278		0.000278	0.00100	1	04/01/2022 15:52	WG1841850
Ethylbenzene	<0.000137		0.000137	0.00100	1	04/01/2022 15:52	WG1841850
Total Xylenes	<0.000174		0.000174	0.00300	1	04/01/2022 15:52	WG1841850
(S) Toluene-d8	*98.9*			*80.0-120*		*04/01/2022 15:52*	WG1841850
(S) 4-Bromofluorobenzene	*92.6*			*77.0-126*		*04/01/2022 15:52*	WG1841850
(S) 1,2-Dichloroethane-d4	*123*			*70.0-130*		*04/01/2022 15:52*	WG1841850

Method Blank (MB)

(MB) R3777105-2 04/01/22 11:22

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	<0.0000941		0.0000941	0.00100
Toluene	<0.000278		0.000278	0.00100
Ethylbenzene	<0.000137		0.000137	0.00100
Xylenes, Total	<0.000174		0.000174	0.00300
(S) Toluene-d8	*96.3*			*80.0-120*
(S) 4-Bromofluorobenzene	*94.5*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*126*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3777105-1 04/01/22 10:01

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00462	92.4	70.0-123	
Toluene	0.00500	0.00497	99.4	79.0-120	
Ethylbenzene	0.00500	0.00506	101	79.0-123	
Xylenes, Total	0.0150	0.0148	98.7	79.0-123	
(S) Toluene-d8			*102*	*80.0-120*	
(S) 4-Bromofluorobenzene			*93.8*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*123*	*70.0-130*	

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.
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.
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
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.

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	LAO000356
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.

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

Report to: Kathleen Buxton

Email To: kathleen.buxton@entechservice.com, cjbryant@paalp.com

Project Description: Vac to Jal#3

City/State Collected: EUNICE NM

Phone: 979-997-2338
Fax:

Client Project # PAA12014

Lab Project # PLAINSENT-VAC3

Collected by (print): CHRIS SANCHEZ

Site/Facility ID # SRS - 2003-00117

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
MW2		GW		3-24-22	1110	2		X		-01
MW3					1130					-02
MW4					1100					-03
MW5					1150					-04
MW6					1120					-05
MW7					1140					-06
MW8					1210					-07
MW9					1200					-08
RW1					1220					-09
DUP-01				3-24-22	—	2		X		-10

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

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# L1475832
1114

Acctnum: PLAINSENT
Template: T94128
Prelogin: P707768
TSR: 134 - Mark W. Beasley
PB:
Shipped Via:

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	3/25/22	1200		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: DRAFT °C Bottles Received:
	3/25/22	1700	SWA	4.1 to 4.1 20
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
				3/26/22 900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Pace Analytical®

ANALYTICAL REPORT

July 12, 2022

Plains All American Pipeline

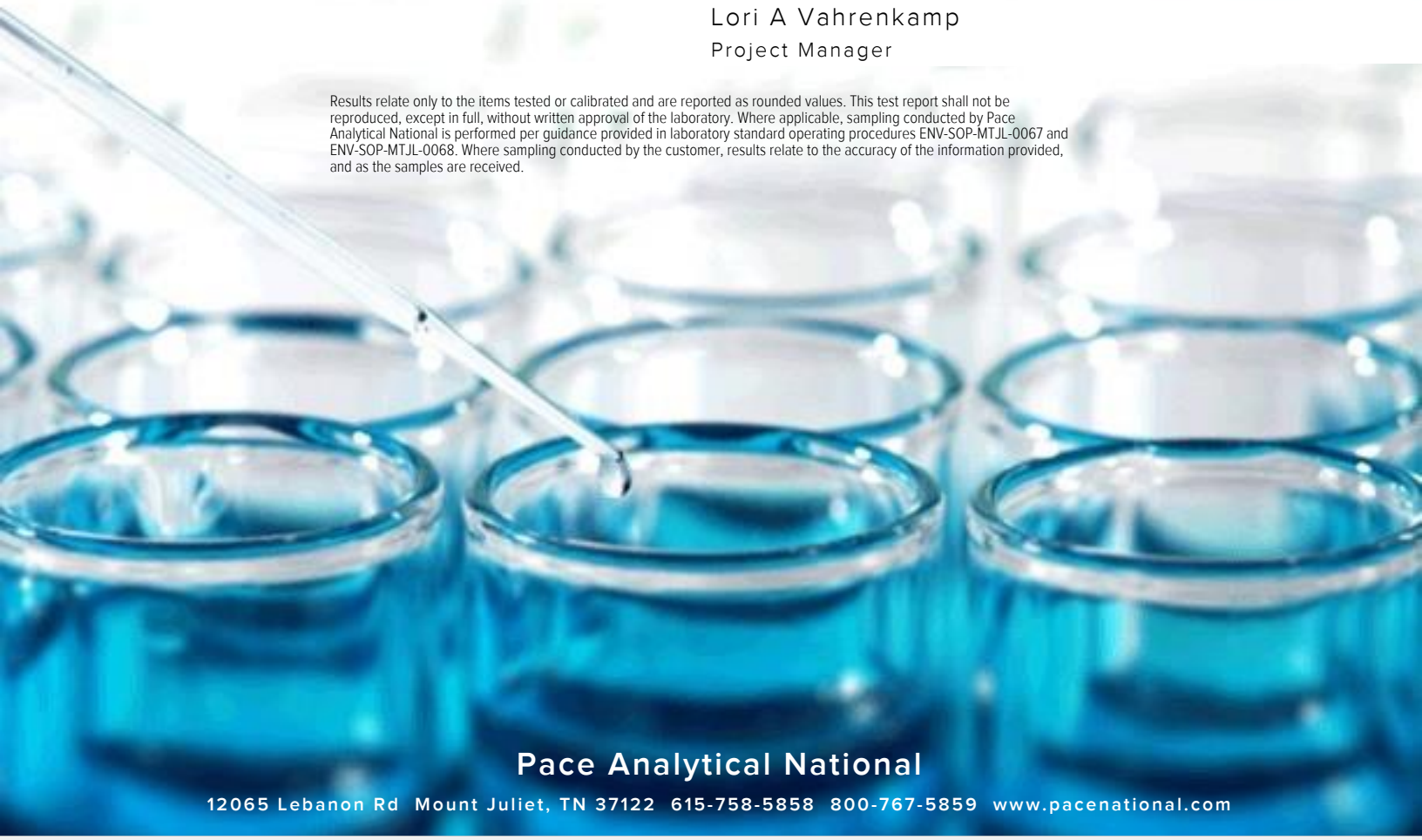
Sample Delivery Group:	L1509142
Samples Received:	06/25/2022
Project Number:	
Description:	Vac to Jal 3

Report To: Project Manager
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

Entire Report Reviewed By:

Lori A Vahrenkamp
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

TABLE OF CONTENTS

MW 1 L1509142-01 GW

Collected by: GH | Collected date/time: 06/22/22 16:05 | Received date/time: 06/25/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1890758	1	07/06/22 17:13	07/06/22 17:13	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1886669	1	06/29/22 07:28	06/29/22 22:55	AMG	Mt. Juliet, TN

MW 2 L1509142-02 GW

Collected by: GH | Collected date/time: 06/22/22 11:00 | Received date/time: 06/25/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1890758	1	07/06/22 17:32	07/06/22 17:32	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1886669	1	06/29/22 07:28	06/29/22 21:24	AO	Mt. Juliet, TN

MW 3 L1509142-03 GW

Collected by: GH | Collected date/time: 06/22/22 12:50 | Received date/time: 06/25/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1890758	1	07/06/22 17:51	07/06/22 17:51	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1886669	1	06/29/22 07:28	06/29/22 21:42	AO	Mt. Juliet, TN

MW 4 L1509142-04 GW

Collected by: GH | Collected date/time: 06/22/22 15:25 | Received date/time: 06/25/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1888917	1	07/02/22 03:43	07/02/22 03:43	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1886669	1	06/29/22 07:28	06/29/22 21:59	AO	Mt. Juliet, TN

MW 5 L1509142-05 GW

Collected by: GH | Collected date/time: 06/22/22 15:40 | Received date/time: 06/25/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1890758	1	07/06/22 18:10	07/06/22 18:10	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1886669	1	06/29/22 07:28	06/29/22 22:16	AO	Mt. Juliet, TN

MW 6 L1509142-06 GW

Collected by: GH | Collected date/time: 06/22/22 15:45 | Received date/time: 06/25/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1890758	1	07/06/22 18:29	07/06/22 18:29	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1886669	1	06/29/22 07:28	06/29/22 22:34	AO	Mt. Juliet, TN

MW 7 L1509142-07 GW

Collected by: GH | Collected date/time: 06/22/22 13:35 | Received date/time: 06/25/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1890758	1	07/06/22 18:48	07/06/22 18:48	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1886669	1	06/29/22 07:28	06/29/22 22:51	AO	Mt. Juliet, TN

MW 8 L1509142-08 GW

			Collected by	Collected date/time	Received date/time	
			GH	06/22/22 14:25	06/25/22 08:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1888917	1	07/02/22 04:02	07/02/22 04:02	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1886669	1	06/29/22 07:28	06/29/22 23:15	AMG	Mt. Juliet, TN

MW 9 L1509142-09 GW

			Collected by	Collected date/time	Received date/time	
			GH	06/22/22 15:20	06/25/22 08:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1888917	1	07/02/22 04:21	07/02/22 04:21	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1886669	1	06/29/22 07:28	06/29/22 22:37	AMM	Mt. Juliet, TN

RW 1 L1509142-10 GW

			Collected by	Collected date/time	Received date/time	
			GH	06/22/22 15:15	06/25/22 08:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1890758	1	07/06/22 19:06	07/06/22 19:06	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1886669	1	06/29/22 07:28	06/29/22 22:57	AMM	Mt. Juliet, TN

RW 2 L1509142-11 GW

			Collected by	Collected date/time	Received date/time	
			GH	06/22/22 16:55	06/25/22 08:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1888917	1	07/02/22 04:40	07/02/22 04:40	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1886669	1	06/29/22 07:28	06/29/22 23:09	AO	Mt. Juliet, TN

RW 3 L1509142-12 GW

			Collected by	Collected date/time	Received date/time	
			GH	06/22/22 15:15	06/25/22 08:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1888920	1	07/02/22 00:27	07/02/22 00:27	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1886669	1	06/29/22 07:28	06/29/22 23:17	AMM	Mt. Juliet, TN

RW 4 L1509142-13 GW

			Collected by	Collected date/time	Received date/time	
			GH	06/22/22 15:05	06/25/22 08:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1888920	1	07/02/22 00:47	07/02/22 00:47	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1886669	1	06/29/22 07:28	06/29/22 23:26	AO	Mt. Juliet, TN

RW 5 L1509142-14 GW

			Collected by	Collected date/time	Received date/time	
			GH	06/22/22 14:55	06/25/22 08:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1888920	1	07/02/22 01:06	07/02/22 01:06	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1886669	1	06/29/22 07:28	06/29/22 23:43	AO	Mt. Juliet, TN

SAMPLE SUMMARY

IW 1 L1509142-15 GW

Collected by	Collected date/time	Received date/time
GH	06/22/22 16:00	06/25/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1888920	10	07/02/22 03:42	07/02/22 03:42	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1886669	1	06/29/22 07:28	06/29/22 23:37	AMM	Mt. Juliet, TN

IW 2 L1509142-16 GW

Collected by	Collected date/time	Received date/time
GH	06/22/22 15:35	06/25/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1888920	1	07/02/22 01:26	07/02/22 01:26	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1886669	1	06/29/22 07:28	06/29/22 21:35	AMG	Mt. Juliet, TN

IW 3 L1509142-17 GW

Collected by	Collected date/time	Received date/time
GH	06/22/22 16:10	06/25/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1888920	20	07/02/22 04:01	07/02/22 04:01	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1886669	1	06/29/22 07:28	06/29/22 23:57	AMM	Mt. Juliet, TN

DUP-01 L1509142-18 GW

Collected by	Collected date/time	Received date/time
GH	06/22/22 00:00	06/25/22 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1888920	1	07/02/22 01:45	07/02/22 01:45	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1886669	1	06/29/22 07:28	06/29/22 21:55	AMG	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

CASE NARRATIVE

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.

Lori A Vahrenkamp
Project Manager

Sample Delivery Group (SDG) Narrative

Analyzed from headspace vial.

Lab Sample ID	Project Sample ID	Method
L1509142-03	MW 3	8260B
L1509142-05	MW 5	8260B
L1509142-06	MW 6	8260B
L1509142-07	MW 7	8260B

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000564	J	0.0000941	0.00100	1	07/06/2022 17:13	WG1890758
Toluene	<0.000278		0.000278	0.00100	1	07/06/2022 17:13	WG1890758
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/06/2022 17:13	WG1890758
Total Xylenes	0.00135	J	0.000174	0.00300	1	07/06/2022 17:13	WG1890758
(S) Toluene-d8	*94.1*			*80.0-120*		*07/06/2022 17:13*	WG1890758
(S) 4-Bromofluorobenzene	*112*			*77.0-126*		*07/06/2022 17:13*	WG1890758
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*07/06/2022 17:13*	WG1890758

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 22:55	WG1886669
Acenaphthene	0.000343		0.0000190	0.0000500	1	06/29/2022 22:55	WG1886669
Acenaphthylene	<0.0000171		0.0000171	0.0000500	1	06/29/2022 22:55	WG1886669
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500	1	06/29/2022 22:55	WG1886669
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 22:55	WG1886669
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500	1	06/29/2022 22:55	WG1886669
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 22:55	WG1886669
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500	1	06/29/2022 22:55	WG1886669
Chrysene	<0.0000179		0.0000179	0.0000500	1	06/29/2022 22:55	WG1886669
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500	1	06/29/2022 22:55	WG1886669
Dibenzofuran	0.00243		0.0000191	0.0000500	1	06/29/2022 22:55	WG1886669
Fluoranthene	<0.0000270		0.0000270	0.000100	1	06/29/2022 22:55	WG1886669
Fluorene	0.00163		0.0000169	0.0000500	1	06/29/2022 22:55	WG1886669
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500	1	06/29/2022 22:55	WG1886669
Naphthalene	0.0109		0.0000917	0.000250	1	06/29/2022 22:55	WG1886669
Phenanthrene	0.000979		0.0000180	0.0000500	1	06/29/2022 22:55	WG1886669
Pyrene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 22:55	WG1886669
1-Methylnaphthalene	0.0177		0.0000687	0.000250	1	06/29/2022 22:55	WG1886669
2-Methylnaphthalene	0.00282		0.0000674	0.000250	1	06/29/2022 22:55	WG1886669
2-Chloronaphthalene	<0.0000682		0.0000682	0.000250	1	06/29/2022 22:55	WG1886669
(S) Nitrobenzene-d5	*252*	J1		*31.0-160*		*06/29/2022 22:55*	WG1886669
(S) 2-Fluorobiphenyl	*142*			*48.0-148*		*06/29/2022 22:55*	WG1886669
(S) p-Terphenyl-d14	*105*			*37.0-146*		*06/29/2022 22:55*	WG1886669

Sample Narrative:

L1509142-01 WG1886669: Surrogate failure due to matrix interference

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/06/2022 17:32	WG1890758
Toluene	<0.000278		0.000278	0.00100	1	07/06/2022 17:32	WG1890758
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/06/2022 17:32	WG1890758
Total Xylenes	<0.000174		0.000174	0.00300	1	07/06/2022 17:32	WG1890758
(S) Toluene-d8	*95.4*			*80.0-120*		*07/06/2022 17:32*	WG1890758
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*07/06/2022 17:32*	WG1890758
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*07/06/2022 17:32*	WG1890758

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 21:24	WG1886669
Acenaphthene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 21:24	WG1886669
Acenaphthylene	<0.0000171		0.0000171	0.0000500	1	06/29/2022 21:24	WG1886669
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500	1	06/29/2022 21:24	WG1886669
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 21:24	WG1886669
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500	1	06/29/2022 21:24	WG1886669
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 21:24	WG1886669
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500	1	06/29/2022 21:24	WG1886669
Chrysene	<0.0000179		0.0000179	0.0000500	1	06/29/2022 21:24	WG1886669
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500	1	06/29/2022 21:24	WG1886669
Dibenzofuran	0.0000330	J	0.0000191	0.0000500	1	06/29/2022 21:24	WG1886669
Fluoranthene	<0.0000270		0.0000270	0.000100	1	06/29/2022 21:24	WG1886669
Fluorene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 21:24	WG1886669
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500	1	06/29/2022 21:24	WG1886669
Naphthalene	<0.0000917		0.0000917	0.000250	1	06/29/2022 21:24	WG1886669
Phenanthrene	<0.0000180		0.0000180	0.0000500	1	06/29/2022 21:24	WG1886669
Pyrene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 21:24	WG1886669
1-Methylnaphthalene	<0.0000687		0.0000687	0.000250	1	06/29/2022 21:24	WG1886669
2-Methylnaphthalene	<0.0000674		0.0000674	0.000250	1	06/29/2022 21:24	WG1886669
2-Chloronaphthalene	<0.0000682		0.0000682	0.000250	1	06/29/2022 21:24	WG1886669
(S) Nitrobenzene-d5	*102*			*31.0-160*		*06/29/2022 21:24*	WG1886669
(S) 2-Fluorobiphenyl	*104*			*48.0-148*		*06/29/2022 21:24*	WG1886669
(S) p-Terphenyl-d14	*121*			*37.0-146*		*06/29/2022 21:24*	WG1886669

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/06/2022 17:51	WG1890758
Toluene	<0.000278		0.000278	0.00100	1	07/06/2022 17:51	WG1890758
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/06/2022 17:51	WG1890758
Total Xylenes	<0.000174		0.000174	0.00300	1	07/06/2022 17:51	WG1890758
(S) Toluene-d8	*92.4*			*80.0-120*		*07/06/2022 17:51*	WG1890758
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*07/06/2022 17:51*	WG1890758
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*07/06/2022 17:51*	WG1890758

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 21:42	WG1886669
Acenaphthene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 21:42	WG1886669
Acenaphthylene	<0.0000171		0.0000171	0.0000500	1	06/29/2022 21:42	WG1886669
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500	1	06/29/2022 21:42	WG1886669
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 21:42	WG1886669
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500	1	06/29/2022 21:42	WG1886669
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 21:42	WG1886669
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500	1	06/29/2022 21:42	WG1886669
Chrysene	<0.0000179		0.0000179	0.0000500	1	06/29/2022 21:42	WG1886669
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500	1	06/29/2022 21:42	WG1886669
Dibenzofuran	0.0000698		0.0000191	0.0000500	1	06/29/2022 21:42	WG1886669
Fluoranthene	<0.0000270		0.0000270	0.000100	1	06/29/2022 21:42	WG1886669
Fluorene	0.000140		0.0000169	0.0000500	1	06/29/2022 21:42	WG1886669
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500	1	06/29/2022 21:42	WG1886669
Naphthalene	<0.0000917		0.0000917	0.000250	1	06/29/2022 21:42	WG1886669
Phenanthrene	<0.0000180		0.0000180	0.0000500	1	06/29/2022 21:42	WG1886669
Pyrene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 21:42	WG1886669
1-Methylnaphthalene	<0.0000687		0.0000687	0.000250	1	06/29/2022 21:42	WG1886669
2-Methylnaphthalene	<0.0000674		0.0000674	0.000250	1	06/29/2022 21:42	WG1886669
2-Chloronaphthalene	<0.0000682		0.0000682	0.000250	1	06/29/2022 21:42	WG1886669
(S) Nitrobenzene-d5	*105*			*31.0-160*		*06/29/2022 21:42*	WG1886669
(S) 2-Fluorobiphenyl	*105*			*48.0-148*		*06/29/2022 21:42*	WG1886669
(S) p-Terphenyl-d14	*130*			*37.0-146*		*06/29/2022 21:42*	WG1886669

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/02/2022 03:43	WG1888917
Toluene	<0.000278		0.000278	0.00100	1	07/02/2022 03:43	WG1888917
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/02/2022 03:43	WG1888917
Total Xylenes	<0.000174		0.000174	0.00300	1	07/02/2022 03:43	WG1888917
(S) Toluene-d8	*105*			*80.0-120*		*07/02/2022 03:43*	WG1888917
(S) 4-Bromofluorobenzene	*98.2*			*77.0-126*		*07/02/2022 03:43*	WG1888917
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*07/02/2022 03:43*	WG1888917

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 21:59	WG1886669
Acenaphthene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 21:59	WG1886669
Acenaphthylene	<0.0000171		0.0000171	0.0000500	1	06/29/2022 21:59	WG1886669
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500	1	06/29/2022 21:59	WG1886669
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 21:59	WG1886669
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500	1	06/29/2022 21:59	WG1886669
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 21:59	WG1886669
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500	1	06/29/2022 21:59	WG1886669
Chrysene	<0.0000179		0.0000179	0.0000500	1	06/29/2022 21:59	WG1886669
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500	1	06/29/2022 21:59	WG1886669
Dibenzofuran	<0.0000191		0.0000191	0.0000500	1	06/29/2022 21:59	WG1886669
Fluoranthene	<0.0000270		0.0000270	0.000100	1	06/29/2022 21:59	WG1886669
Fluorene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 21:59	WG1886669
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500	1	06/29/2022 21:59	WG1886669
Naphthalene	<0.0000917		0.0000917	0.000250	1	06/29/2022 21:59	WG1886669
Phenanthrene	<0.0000180		0.0000180	0.0000500	1	06/29/2022 21:59	WG1886669
Pyrene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 21:59	WG1886669
1-Methylnaphthalene	<0.0000687		0.0000687	0.000250	1	06/29/2022 21:59	WG1886669
2-Methylnaphthalene	<0.0000674		0.0000674	0.000250	1	06/29/2022 21:59	WG1886669
2-Chloronaphthalene	<0.0000682		0.0000682	0.000250	1	06/29/2022 21:59	WG1886669
(S) Nitrobenzene-d5	*118*			*31.0-160*		*06/29/2022 21:59*	WG1886669
(S) 2-Fluorobiphenyl	*117*			*48.0-148*		*06/29/2022 21:59*	WG1886669
(S) p-Terphenyl-d14	*137*			*37.0-146*		*06/29/2022 21:59*	WG1886669

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/06/2022 18:10	WG1890758
Toluene	<0.000278		0.000278	0.00100	1	07/06/2022 18:10	WG1890758
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/06/2022 18:10	WG1890758
Total Xylenes	<0.000174		0.000174	0.00300	1	07/06/2022 18:10	WG1890758
(S) Toluene-d8	*91.8*			*80.0-120*		*07/06/2022 18:10*	WG1890758
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*07/06/2022 18:10*	WG1890758
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*07/06/2022 18:10*	WG1890758

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 22:16	WG1886669
Acenaphthene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 22:16	WG1886669
Acenaphthylene	<0.0000171		0.0000171	0.0000500	1	06/29/2022 22:16	WG1886669
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500	1	06/29/2022 22:16	WG1886669
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 22:16	WG1886669
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500	1	06/29/2022 22:16	WG1886669
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 22:16	WG1886669
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500	1	06/29/2022 22:16	WG1886669
Chrysene	<0.0000179		0.0000179	0.0000500	1	06/29/2022 22:16	WG1886669
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500	1	06/29/2022 22:16	WG1886669
Dibenzofuran	<0.0000191		0.0000191	0.0000500	1	06/29/2022 22:16	WG1886669
Fluoranthene	<0.0000270		0.0000270	0.000100	1	06/29/2022 22:16	WG1886669
Fluorene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 22:16	WG1886669
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500	1	06/29/2022 22:16	WG1886669
Naphthalene	<0.0000917		0.0000917	0.000250	1	06/29/2022 22:16	WG1886669
Phenanthrene	<0.0000180		0.0000180	0.0000500	1	06/29/2022 22:16	WG1886669
Pyrene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 22:16	WG1886669
1-Methylnaphthalene	<0.0000687		0.0000687	0.000250	1	06/29/2022 22:16	WG1886669
2-Methylnaphthalene	<0.0000674		0.0000674	0.000250	1	06/29/2022 22:16	WG1886669
2-Chloronaphthalene	<0.0000682		0.0000682	0.000250	1	06/29/2022 22:16	WG1886669
(S) Nitrobenzene-d5	*108*			*31.0-160*		*06/29/2022 22:16*	WG1886669
(S) 2-Fluorobiphenyl	*105*			*48.0-148*		*06/29/2022 22:16*	WG1886669
(S) p-Terphenyl-d14	*119*			*37.0-146*		*06/29/2022 22:16*	WG1886669

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/06/2022 18:29	WG1890758
Toluene	<0.000278		0.000278	0.00100	1	07/06/2022 18:29	WG1890758
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/06/2022 18:29	WG1890758
Total Xylenes	<0.000174		0.000174	0.00300	1	07/06/2022 18:29	WG1890758
(S) Toluene-d8	*96.6*			*80.0-120*		*07/06/2022 18:29*	WG1890758
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*07/06/2022 18:29*	WG1890758
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*07/06/2022 18:29*	WG1890758

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 22:34	WG1886669
Acenaphthene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 22:34	WG1886669
Acenaphthylene	<0.0000171		0.0000171	0.0000500	1	06/29/2022 22:34	WG1886669
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500	1	06/29/2022 22:34	WG1886669
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 22:34	WG1886669
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500	1	06/29/2022 22:34	WG1886669
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 22:34	WG1886669
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500	1	06/29/2022 22:34	WG1886669
Chrysene	<0.0000179		0.0000179	0.0000500	1	06/29/2022 22:34	WG1886669
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500	1	06/29/2022 22:34	WG1886669
Dibenzofuran	<0.0000191		0.0000191	0.0000500	1	06/29/2022 22:34	WG1886669
Fluoranthene	<0.0000270		0.0000270	0.000100	1	06/29/2022 22:34	WG1886669
Fluorene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 22:34	WG1886669
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500	1	06/29/2022 22:34	WG1886669
Naphthalene	<0.0000917		0.0000917	0.000250	1	06/29/2022 22:34	WG1886669
Phenanthrene	<0.0000180		0.0000180	0.0000500	1	06/29/2022 22:34	WG1886669
Pyrene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 22:34	WG1886669
1-Methylnaphthalene	<0.0000687		0.0000687	0.000250	1	06/29/2022 22:34	WG1886669
2-Methylnaphthalene	<0.0000674		0.0000674	0.000250	1	06/29/2022 22:34	WG1886669
2-Chloronaphthalene	<0.0000682		0.0000682	0.000250	1	06/29/2022 22:34	WG1886669
(S) Nitrobenzene-d5	*112*			*31.0-160*		*06/29/2022 22:34*	WG1886669
(S) 2-Fluorobiphenyl	*113*			*48.0-148*		*06/29/2022 22:34*	WG1886669
(S) p-Terphenyl-d14	*129*			*37.0-146*		*06/29/2022 22:34*	WG1886669

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/06/2022 18:48	WG1890758
Toluene	<0.000278		0.000278	0.00100	1	07/06/2022 18:48	WG1890758
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/06/2022 18:48	WG1890758
Total Xylenes	<0.000174		0.000174	0.00300	1	07/06/2022 18:48	WG1890758
(S) Toluene-d8	*93.7*			*80.0-120*		*07/06/2022 18:48*	WG1890758
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*07/06/2022 18:48*	WG1890758
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*07/06/2022 18:48*	WG1890758

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 22:51	WG1886669
Acenaphthene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 22:51	WG1886669
Acenaphthylene	<0.0000171		0.0000171	0.0000500	1	06/29/2022 22:51	WG1886669
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500	1	06/29/2022 22:51	WG1886669
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 22:51	WG1886669
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500	1	06/29/2022 22:51	WG1886669
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 22:51	WG1886669
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500	1	06/29/2022 22:51	WG1886669
Chrysene	<0.0000179		0.0000179	0.0000500	1	06/29/2022 22:51	WG1886669
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500	1	06/29/2022 22:51	WG1886669
Dibenzofuran	<0.0000191		0.0000191	0.0000500	1	06/29/2022 22:51	WG1886669
Fluoranthene	<0.0000270		0.0000270	0.000100	1	06/29/2022 22:51	WG1886669
Fluorene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 22:51	WG1886669
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500	1	06/29/2022 22:51	WG1886669
Naphthalene	<0.0000917		0.0000917	0.000250	1	06/29/2022 22:51	WG1886669
Phenanthrene	<0.0000180		0.0000180	0.0000500	1	06/29/2022 22:51	WG1886669
Pyrene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 22:51	WG1886669
1-Methylnaphthalene	<0.0000687		0.0000687	0.000250	1	06/29/2022 22:51	WG1886669
2-Methylnaphthalene	<0.0000674		0.0000674	0.000250	1	06/29/2022 22:51	WG1886669
2-Chloronaphthalene	<0.0000682		0.0000682	0.000250	1	06/29/2022 22:51	WG1886669
(S) Nitrobenzene-d5	*114*			*31.0-160*		*06/29/2022 22:51*	WG1886669
(S) 2-Fluorobiphenyl	*117*			*48.0-148*		*06/29/2022 22:51*	WG1886669
(S) p-Terphenyl-d14	*137*			*37.0-146*		*06/29/2022 22:51*	WG1886669

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/02/2022 04:02	WG1888917
Toluene	<0.000278		0.000278	0.00100	1	07/02/2022 04:02	WG1888917
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/02/2022 04:02	WG1888917
Total Xylenes	<0.000174		0.000174	0.00300	1	07/02/2022 04:02	WG1888917
(S) Toluene-d8	*104*			*80.0-120*		*07/02/2022 04:02*	WG1888917
(S) 4-Bromofluorobenzene	*98.7*			*77.0-126*		*07/02/2022 04:02*	WG1888917
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*07/02/2022 04:02*	WG1888917

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 23:15	WG1886669
Acenaphthene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 23:15	WG1886669
Acenaphthylene	<0.0000171		0.0000171	0.0000500	1	06/29/2022 23:15	WG1886669
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500	1	06/29/2022 23:15	WG1886669
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 23:15	WG1886669
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500	1	06/29/2022 23:15	WG1886669
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 23:15	WG1886669
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500	1	06/29/2022 23:15	WG1886669
Chrysene	<0.0000179		0.0000179	0.0000500	1	06/29/2022 23:15	WG1886669
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500	1	06/29/2022 23:15	WG1886669
Dibenzofuran	<0.0000191		0.0000191	0.0000500	1	06/29/2022 23:15	WG1886669
Fluoranthene	<0.0000270		0.0000270	0.000100	1	06/29/2022 23:15	WG1886669
Fluorene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 23:15	WG1886669
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500	1	06/29/2022 23:15	WG1886669
Naphthalene	<0.0000917		0.0000917	0.000250	1	06/29/2022 23:15	WG1886669
Phenanthrene	<0.0000180		0.0000180	0.0000500	1	06/29/2022 23:15	WG1886669
Pyrene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 23:15	WG1886669
1-Methylnaphthalene	<0.0000687		0.0000687	0.000250	1	06/29/2022 23:15	WG1886669
2-Methylnaphthalene	<0.0000674		0.0000674	0.000250	1	06/29/2022 23:15	WG1886669
2-Chloronaphthalene	<0.0000682		0.0000682	0.000250	1	06/29/2022 23:15	WG1886669
(S) Nitrobenzene-d5	*122*			*31.0-160*		*06/29/2022 23:15*	WG1886669
(S) 2-Fluorobiphenyl	*115*			*48.0-148*		*06/29/2022 23:15*	WG1886669
(S) p-Terphenyl-d14	*111*			*37.0-146*		*06/29/2022 23:15*	WG1886669

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/02/2022 04:21	WG1888917
Toluene	<0.000278		0.000278	0.00100	1	07/02/2022 04:21	WG1888917
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/02/2022 04:21	WG1888917
Total Xylenes	<0.000174		0.000174	0.00300	1	07/02/2022 04:21	WG1888917
(S) Toluene-d8	*105*			*80.0-120*		*07/02/2022 04:21*	WG1888917
(S) 4-Bromofluorobenzene	*99.8*			*77.0-126*		*07/02/2022 04:21*	WG1888917
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*07/02/2022 04:21*	WG1888917

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 22:37	WG1886669
Acenaphthene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 22:37	WG1886669
Acenaphthylene	<0.0000171		0.0000171	0.0000500	1	06/29/2022 22:37	WG1886669
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500	1	06/29/2022 22:37	WG1886669
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 22:37	WG1886669
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500	1	06/29/2022 22:37	WG1886669
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 22:37	WG1886669
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500	1	06/29/2022 22:37	WG1886669
Chrysene	<0.0000179		0.0000179	0.0000500	1	06/29/2022 22:37	WG1886669
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500	1	06/29/2022 22:37	WG1886669
Dibenzofuran	<0.0000191		0.0000191	0.0000500	1	06/29/2022 22:37	WG1886669
Fluoranthene	<0.0000270		0.0000270	0.000100	1	06/29/2022 22:37	WG1886669
Fluorene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 22:37	WG1886669
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500	1	06/29/2022 22:37	WG1886669
Naphthalene	<0.0000917		0.0000917	0.000250	1	06/29/2022 22:37	WG1886669
Phenanthrene	<0.0000180		0.0000180	0.0000500	1	06/29/2022 22:37	WG1886669
Pyrene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 22:37	WG1886669
1-Methylnaphthalene	<0.0000687		0.0000687	0.000250	1	06/29/2022 22:37	WG1886669
2-Methylnaphthalene	<0.0000674		0.0000674	0.000250	1	06/29/2022 22:37	WG1886669
2-Chloronaphthalene	<0.0000682		0.0000682	0.000250	1	06/29/2022 22:37	WG1886669
(S) Nitrobenzene-d5	*102*			*31.0-160*		*06/29/2022 22:37*	WG1886669
(S) 2-Fluorobiphenyl	*101*			*48.0-148*		*06/29/2022 22:37*	WG1886669
(S) p-Terphenyl-d14	*111*			*37.0-146*		*06/29/2022 22:37*	WG1886669

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0242		0.0000941	0.00100	1	07/06/2022 19:06	WG1890758
Toluene	<0.000278		0.000278	0.00100	1	07/06/2022 19:06	WG1890758
Ethylbenzene	0.000755	J	0.000137	0.00100	1	07/06/2022 19:06	WG1890758
Total Xylenes	0.00103	J	0.000174	0.00300	1	07/06/2022 19:06	WG1890758
(S) Toluene-d8	*93.8*			*80.0-120*		*07/06/2022 19:06*	WG1890758
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*07/06/2022 19:06*	WG1890758
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*07/06/2022 19:06*	WG1890758

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 22:57	WG1886669
Acenaphthene	0.000124		0.0000190	0.0000500	1	06/29/2022 22:57	WG1886669
Acenaphthylene	<0.0000171		0.0000171	0.0000500	1	06/29/2022 22:57	WG1886669
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500	1	06/29/2022 22:57	WG1886669
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 22:57	WG1886669
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500	1	06/29/2022 22:57	WG1886669
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 22:57	WG1886669
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500	1	06/29/2022 22:57	WG1886669
Chrysene	<0.0000179		0.0000179	0.0000500	1	06/29/2022 22:57	WG1886669
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500	1	06/29/2022 22:57	WG1886669
Dibenzofuran	0.000778		0.0000191	0.0000500	1	06/29/2022 22:57	WG1886669
Fluoranthene	<0.0000270		0.0000270	0.000100	1	06/29/2022 22:57	WG1886669
Fluorene	0.000482		0.0000169	0.0000500	1	06/29/2022 22:57	WG1886669
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500	1	06/29/2022 22:57	WG1886669
Naphthalene	<0.0000917		0.0000917	0.000250	1	06/29/2022 22:57	WG1886669
Phenanthrene	0.000134		0.0000180	0.0000500	1	06/29/2022 22:57	WG1886669
Pyrene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 22:57	WG1886669
1-Methylnaphthalene	0.000330		0.0000687	0.000250	1	06/29/2022 22:57	WG1886669
2-Methylnaphthalene	<0.0000674		0.0000674	0.000250	1	06/29/2022 22:57	WG1886669
2-Chloronaphthalene	<0.0000682		0.0000682	0.000250	1	06/29/2022 22:57	WG1886669
(S) Nitrobenzene-d5	*113*			*31.0-160*		*06/29/2022 22:57*	WG1886669
(S) 2-Fluorobiphenyl	*94.7*			*48.0-148*		*06/29/2022 22:57*	WG1886669
(S) p-Terphenyl-d14	*115*			*37.0-146*		*06/29/2022 22:57*	WG1886669

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/02/2022 04:40	WG1888917
Toluene	<0.000278		0.000278	0.00100	1	07/02/2022 04:40	WG1888917
Ethylbenzene	0.00142		0.000137	0.00100	1	07/02/2022 04:40	WG1888917
Total Xylenes	0.000303	J	0.000174	0.00300	1	07/02/2022 04:40	WG1888917
(S) Toluene-d8	*105*			*80.0-120*		*07/02/2022 04:40*	WG1888917
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*07/02/2022 04:40*	WG1888917
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*07/02/2022 04:40*	WG1888917

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 23:09	WG1886669
Acenaphthene	0.0000798		0.0000190	0.0000500	1	06/29/2022 23:09	WG1886669
Acenaphthylene	<0.0000171		0.0000171	0.0000500	1	06/29/2022 23:09	WG1886669
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500	1	06/29/2022 23:09	WG1886669
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 23:09	WG1886669
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500	1	06/29/2022 23:09	WG1886669
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 23:09	WG1886669
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500	1	06/29/2022 23:09	WG1886669
Chrysene	<0.0000179		0.0000179	0.0000500	1	06/29/2022 23:09	WG1886669
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500	1	06/29/2022 23:09	WG1886669
Dibenzofuran	0.000464		0.0000191	0.0000500	1	06/29/2022 23:09	WG1886669
Fluoranthene	<0.0000270		0.0000270	0.000100	1	06/29/2022 23:09	WG1886669
Fluorene	0.000294		0.0000169	0.0000500	1	06/29/2022 23:09	WG1886669
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500	1	06/29/2022 23:09	WG1886669
Naphthalene	0.00206		0.0000917	0.000250	1	06/29/2022 23:09	WG1886669
Phenanthrene	0.000184		0.0000180	0.0000500	1	06/29/2022 23:09	WG1886669
Pyrene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 23:09	WG1886669
1-Methylnaphthalene	0.00352		0.0000687	0.000250	1	06/29/2022 23:09	WG1886669
2-Methylnaphthalene	0.00185		0.0000674	0.000250	1	06/29/2022 23:09	WG1886669
2-Chloronaphthalene	<0.0000682		0.0000682	0.000250	1	06/29/2022 23:09	WG1886669
(S) Nitrobenzene-d5	*113*			*31.0-160*		*06/29/2022 23:09*	WG1886669
(S) 2-Fluorobiphenyl	*109*			*48.0-148*		*06/29/2022 23:09*	WG1886669
(S) p-Terphenyl-d14	*124*			*37.0-146*		*06/29/2022 23:09*	WG1886669

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00554		0.0000941	0.00100	1	07/02/2022 00:27	WG1888920
Toluene	0.000327	J	0.000278	0.00100	1	07/02/2022 00:27	WG1888920
Ethylbenzene	0.00111		0.000137	0.00100	1	07/02/2022 00:27	WG1888920
Total Xylenes	0.00452		0.000174	0.00300	1	07/02/2022 00:27	WG1888920
(S) Toluene-d8	*99.7*			*80.0-120*		*07/02/2022 00:27*	WG1888920
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*07/02/2022 00:27*	WG1888920
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*07/02/2022 00:27*	WG1888920

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 23:17	WG1886669
Acenaphthene	0.000173		0.0000190	0.0000500	1	06/29/2022 23:17	WG1886669
Acenaphthylene	0.0000966		0.0000171	0.0000500	1	06/29/2022 23:17	WG1886669
Benzo(a)anthracene	0.0000284	J	0.0000203	0.0000500	1	06/29/2022 23:17	WG1886669
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 23:17	WG1886669
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500	1	06/29/2022 23:17	WG1886669
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 23:17	WG1886669
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500	1	06/29/2022 23:17	WG1886669
Chrysene	<0.0000179		0.0000179	0.0000500	1	06/29/2022 23:17	WG1886669
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500	1	06/29/2022 23:17	WG1886669
Dibenzofuran	0.00132		0.0000191	0.0000500	1	06/29/2022 23:17	WG1886669
Fluoranthene	0.0000285	J	0.0000270	0.000100	1	06/29/2022 23:17	WG1886669
Fluorene	0.000865		0.0000169	0.0000500	1	06/29/2022 23:17	WG1886669
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500	1	06/29/2022 23:17	WG1886669
Naphthalene	0.00705		0.0000917	0.000250	1	06/29/2022 23:17	WG1886669
Phenanthrene	0.000595		0.0000180	0.0000500	1	06/29/2022 23:17	WG1886669
Pyrene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 23:17	WG1886669
1-Methylnaphthalene	0.00816		0.0000687	0.000250	1	06/29/2022 23:17	WG1886669
2-Methylnaphthalene	0.00638		0.0000674	0.000250	1	06/29/2022 23:17	WG1886669
2-Chloronaphthalene	0.0000893	J	0.0000682	0.000250	1	06/29/2022 23:17	WG1886669
(S) Nitrobenzene-d5	*107*			*31.0-160*		*06/29/2022 23:17*	WG1886669
(S) 2-Fluorobiphenyl	*100*			*48.0-148*		*06/29/2022 23:17*	WG1886669
(S) p-Terphenyl-d14	*108*			*37.0-146*		*06/29/2022 23:17*	WG1886669

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/02/2022 00:47	WG1888920
Toluene	<0.000278		0.000278	0.00100	1	07/02/2022 00:47	WG1888920
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/02/2022 00:47	WG1888920
Total Xylenes	0.000188	J	0.000174	0.00300	1	07/02/2022 00:47	WG1888920
(S) Toluene-d8	*97.7*			*80.0-120*		*07/02/2022 00:47*	WG1888920
(S) 4-Bromofluorobenzene	*97.1*			*77.0-126*		*07/02/2022 00:47*	WG1888920
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*07/02/2022 00:47*	WG1888920

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 23:26	WG1886669
Acenaphthene	0.000119		0.0000190	0.0000500	1	06/29/2022 23:26	WG1886669
Acenaphthylene	<0.0000171		0.0000171	0.0000500	1	06/29/2022 23:26	WG1886669
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500	1	06/29/2022 23:26	WG1886669
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 23:26	WG1886669
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500	1	06/29/2022 23:26	WG1886669
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 23:26	WG1886669
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500	1	06/29/2022 23:26	WG1886669
Chrysene	<0.0000179		0.0000179	0.0000500	1	06/29/2022 23:26	WG1886669
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500	1	06/29/2022 23:26	WG1886669
Dibenzofuran	0.000879		0.0000191	0.0000500	1	06/29/2022 23:26	WG1886669
Fluoranthene	<0.0000270		0.0000270	0.000100	1	06/29/2022 23:26	WG1886669
Fluorene	0.000450		0.0000169	0.0000500	1	06/29/2022 23:26	WG1886669
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500	1	06/29/2022 23:26	WG1886669
Naphthalene	0.000592		0.0000917	0.000250	1	06/29/2022 23:26	WG1886669
Phenanthrene	0.000560		0.0000180	0.0000500	1	06/29/2022 23:26	WG1886669
Pyrene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 23:26	WG1886669
1-Methylnaphthalene	0.00137		0.0000687	0.000250	1	06/29/2022 23:26	WG1886669
2-Methylnaphthalene	0.000174	J	0.0000674	0.000250	1	06/29/2022 23:26	WG1886669
2-Chloronaphthalene	<0.0000682		0.0000682	0.000250	1	06/29/2022 23:26	WG1886669
(S) Nitrobenzene-d5	*108*			*31.0-160*		*06/29/2022 23:26*	WG1886669
(S) 2-Fluorobiphenyl	*109*			*48.0-148*		*06/29/2022 23:26*	WG1886669
(S) p-Terphenyl-d14	*127*			*37.0-146*		*06/29/2022 23:26*	WG1886669

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/02/2022 01:06	WG1888920
Toluene	<0.000278		0.000278	0.00100	1	07/02/2022 01:06	WG1888920
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/02/2022 01:06	WG1888920
Total Xylenes	<0.000174		0.000174	0.00300	1	07/02/2022 01:06	WG1888920
(S) Toluene-d8	*98.4*			*80.0-120*		*07/02/2022 01:06*	WG1888920
(S) 4-Bromofluorobenzene	*99.1*			*77.0-126*		*07/02/2022 01:06*	WG1888920
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*07/02/2022 01:06*	WG1888920

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 23:43	WG1886669
Acenaphthene	0.000140		0.0000190	0.0000500	1	06/29/2022 23:43	WG1886669
Acenaphthylene	<0.0000171		0.0000171	0.0000500	1	06/29/2022 23:43	WG1886669
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500	1	06/29/2022 23:43	WG1886669
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 23:43	WG1886669
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500	1	06/29/2022 23:43	WG1886669
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 23:43	WG1886669
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500	1	06/29/2022 23:43	WG1886669
Chrysene	<0.0000179		0.0000179	0.0000500	1	06/29/2022 23:43	WG1886669
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500	1	06/29/2022 23:43	WG1886669
Dibenzofuran	0.00135		0.0000191	0.0000500	1	06/29/2022 23:43	WG1886669
Fluoranthene	<0.0000270		0.0000270	0.000100	1	06/29/2022 23:43	WG1886669
Fluorene	0.000476		0.0000169	0.0000500	1	06/29/2022 23:43	WG1886669
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500	1	06/29/2022 23:43	WG1886669
Naphthalene	0.000679		0.0000917	0.000250	1	06/29/2022 23:43	WG1886669
Phenanthrene	0.000589		0.0000180	0.0000500	1	06/29/2022 23:43	WG1886669
Pyrene	0.0000172	J	0.0000169	0.0000500	1	06/29/2022 23:43	WG1886669
1-Methylnaphthalene	0.00112		0.0000687	0.000250	1	06/29/2022 23:43	WG1886669
2-Methylnaphthalene	0.000488		0.0000674	0.000250	1	06/29/2022 23:43	WG1886669
2-Chloronaphthalene	<0.0000682		0.0000682	0.000250	1	06/29/2022 23:43	WG1886669
(S) Nitrobenzene-d5	*104*			*31.0-160*		*06/29/2022 23:43*	WG1886669
(S) 2-Fluorobiphenyl	*109*			*48.0-148*		*06/29/2022 23:43*	WG1886669
(S) p-Terphenyl-d14	*126*			*37.0-146*		*06/29/2022 23:43*	WG1886669

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0313		0.000941	0.0100	10	07/02/2022 03:42	WG1888920
Toluene	<0.00278		0.00278	0.0100	10	07/02/2022 03:42	WG1888920
Ethylbenzene	0.0954		0.00137	0.0100	10	07/02/2022 03:42	WG1888920
Total Xylenes	0.0929		0.00174	0.0300	10	07/02/2022 03:42	WG1888920
(S) Toluene-d8	*96.4*			*80.0-120*		*07/02/2022 03:42*	WG1888920
(S) 4-Bromofluorobenzene	*99.9*			*77.0-126*		*07/02/2022 03:42*	WG1888920
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*07/02/2022 03:42*	WG1888920

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 23:37	WG1886669
Acenaphthene	0.000317		0.0000190	0.0000500	1	06/29/2022 23:37	WG1886669
Acenaphthylene	<0.0000171		0.0000171	0.0000500	1	06/29/2022 23:37	WG1886669
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500	1	06/29/2022 23:37	WG1886669
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 23:37	WG1886669
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500	1	06/29/2022 23:37	WG1886669
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 23:37	WG1886669
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500	1	06/29/2022 23:37	WG1886669
Chrysene	<0.0000179		0.0000179	0.0000500	1	06/29/2022 23:37	WG1886669
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500	1	06/29/2022 23:37	WG1886669
Dibenzofuran	0.00206		0.0000191	0.0000500	1	06/29/2022 23:37	WG1886669
Fluoranthene	<0.0000270		0.0000270	0.000100	1	06/29/2022 23:37	WG1886669
Fluorene	0.00135		0.0000169	0.0000500	1	06/29/2022 23:37	WG1886669
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500	1	06/29/2022 23:37	WG1886669
Naphthalene	0.0198		0.0000917	0.000250	1	06/29/2022 23:37	WG1886669
Phenanthrene	0.00107		0.0000180	0.0000500	1	06/29/2022 23:37	WG1886669
Pyrene	0.0000561		0.0000169	0.0000500	1	06/29/2022 23:37	WG1886669
1-Methylnaphthalene	0.0169		0.0000687	0.000250	1	06/29/2022 23:37	WG1886669
2-Methylnaphthalene	0.0139		0.0000674	0.000250	1	06/29/2022 23:37	WG1886669
2-Chloronaphthalene	0.000505		0.0000682	0.000250	1	06/29/2022 23:37	WG1886669
(S) Nitrobenzene-d5	*100*			*31.0-160*		*06/29/2022 23:37*	WG1886669
(S) 2-Fluorobiphenyl	*92.1*			*48.0-148*		*06/29/2022 23:37*	WG1886669
(S) p-Terphenyl-d14	*85.3*			*37.0-146*		*06/29/2022 23:37*	WG1886669

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00717		0.0000941	0.00100	1	07/02/2022 01:26	WG1888920
Toluene	<0.000278		0.000278	0.00100	1	07/02/2022 01:26	WG1888920
Ethylbenzene	0.00282		0.000137	0.00100	1	07/02/2022 01:26	WG1888920
Total Xylenes	0.00225	J	0.000174	0.00300	1	07/02/2022 01:26	WG1888920
(S) Toluene-d8	*99.1*			*80.0-120*		*07/02/2022 01:26*	WG1888920
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*07/02/2022 01:26*	WG1888920
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*07/02/2022 01:26*	WG1888920

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 21:35	WG1886669
Acenaphthene	0.000152		0.0000190	0.0000500	1	06/29/2022 21:35	WG1886669
Acenaphthylene	<0.0000171		0.0000171	0.0000500	1	06/29/2022 21:35	WG1886669
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500	1	06/29/2022 21:35	WG1886669
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 21:35	WG1886669
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500	1	06/29/2022 21:35	WG1886669
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 21:35	WG1886669
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500	1	06/29/2022 21:35	WG1886669
Chrysene	<0.0000179		0.0000179	0.0000500	1	06/29/2022 21:35	WG1886669
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500	1	06/29/2022 21:35	WG1886669
Dibenzofuran	0.00148		0.0000191	0.0000500	1	06/29/2022 21:35	WG1886669
Fluoranthene	<0.0000270		0.0000270	0.000100	1	06/29/2022 21:35	WG1886669
Fluorene	0.000865		0.0000169	0.0000500	1	06/29/2022 21:35	WG1886669
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500	1	06/29/2022 21:35	WG1886669
Naphthalene	0.00446		0.0000917	0.000250	1	06/29/2022 21:35	WG1886669
Phenanthrene	0.000963		0.0000180	0.0000500	1	06/29/2022 21:35	WG1886669
Pyrene	0.0000222	J	0.0000169	0.0000500	1	06/29/2022 21:35	WG1886669
1-Methylnaphthalene	0.00604		0.0000687	0.000250	1	06/29/2022 21:35	WG1886669
2-Methylnaphthalene	0.00314		0.0000674	0.000250	1	06/29/2022 21:35	WG1886669
2-Chloronaphthalene	<0.0000682		0.0000682	0.000250	1	06/29/2022 21:35	WG1886669
(S) Nitrobenzene-d5	*125*			*31.0-160*		*06/29/2022 21:35*	WG1886669
(S) 2-Fluorobiphenyl	*115*			*48.0-148*		*06/29/2022 21:35*	WG1886669
(S) p-Terphenyl-d14	*113*			*37.0-146*		*06/29/2022 21:35*	WG1886669

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0584		0.00188	0.0200	20	07/02/2022 04:01	WG1888920
Toluene	<0.00556		0.00556	0.0200	20	07/02/2022 04:01	WG1888920
Ethylbenzene	0.141		0.00274	0.0200	20	07/02/2022 04:01	WG1888920
Total Xylenes	0.133		0.00348	0.0600	20	07/02/2022 04:01	WG1888920
(S) Toluene-d8	*99.6*			*80.0-120*		*07/02/2022 04:01*	WG1888920
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*07/02/2022 04:01*	WG1888920
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*07/02/2022 04:01*	WG1888920

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 23:57	WG1886669
Acenaphthene	0.000457		0.0000190	0.0000500	1	06/29/2022 23:57	WG1886669
Acenaphthylene	<0.0000171		0.0000171	0.0000500	1	06/29/2022 23:57	WG1886669
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500	1	06/29/2022 23:57	WG1886669
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 23:57	WG1886669
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500	1	06/29/2022 23:57	WG1886669
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 23:57	WG1886669
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500	1	06/29/2022 23:57	WG1886669
Chrysene	<0.0000179		0.0000179	0.0000500	1	06/29/2022 23:57	WG1886669
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500	1	06/29/2022 23:57	WG1886669
Dibenzofuran	0.00246		0.0000191	0.0000500	1	06/29/2022 23:57	WG1886669
Fluoranthene	0.0000525	J	0.0000270	0.000100	1	06/29/2022 23:57	WG1886669
Fluorene	0.00177		0.0000169	0.0000500	1	06/29/2022 23:57	WG1886669
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500	1	06/29/2022 23:57	WG1886669
Naphthalene	0.0206		0.0000917	0.000250	1	06/29/2022 23:57	WG1886669
Phenanthrene	0.00189		0.0000180	0.0000500	1	06/29/2022 23:57	WG1886669
Pyrene	0.000130		0.0000169	0.0000500	1	06/29/2022 23:57	WG1886669
1-Methylnaphthalene	0.0212		0.0000687	0.000250	1	06/29/2022 23:57	WG1886669
2-Methylnaphthalene	0.0184		0.0000674	0.000250	1	06/29/2022 23:57	WG1886669
2-Chloronaphthalene	0.0000763	J	0.0000682	0.000250	1	06/29/2022 23:57	WG1886669
(S) Nitrobenzene-d5	*109*			*31.0-160*		*06/29/2022 23:57*	WG1886669
(S) 2-Fluorobiphenyl	*103*			*48.0-148*		*06/29/2022 23:57*	WG1886669
(S) p-Terphenyl-d14	*108*			*37.0-146*		*06/29/2022 23:57*	WG1886669

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/02/2022 01:45	WG1888920
Toluene	<0.000278		0.000278	0.00100	1	07/02/2022 01:45	WG1888920
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/02/2022 01:45	WG1888920
Total Xylenes	<0.000174		0.000174	0.00300	1	07/02/2022 01:45	WG1888920
(S) Toluene-d8	*99.0*			*80.0-120*		*07/02/2022 01:45*	WG1888920
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*07/02/2022 01:45*	WG1888920
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*07/02/2022 01:45*	WG1888920

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 21:55	WG1886669
Acenaphthene	<0.0000190		0.0000190	0.0000500	1	06/29/2022 21:55	WG1886669
Acenaphthylene	<0.0000171		0.0000171	0.0000500	1	06/29/2022 21:55	WG1886669
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500	1	06/29/2022 21:55	WG1886669
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 21:55	WG1886669
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500	1	06/29/2022 21:55	WG1886669
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500	1	06/29/2022 21:55	WG1886669
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500	1	06/29/2022 21:55	WG1886669
Chrysene	<0.0000179		0.0000179	0.0000500	1	06/29/2022 21:55	WG1886669
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500	1	06/29/2022 21:55	WG1886669
Dibenzofuran	0.0000803		0.0000191	0.0000500	1	06/29/2022 21:55	WG1886669
Fluoranthene	<0.0000270		0.0000270	0.000100	1	06/29/2022 21:55	WG1886669
Fluorene	0.000233		0.0000169	0.0000500	1	06/29/2022 21:55	WG1886669
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500	1	06/29/2022 21:55	WG1886669
Naphthalene	<0.0000917		0.0000917	0.000250	1	06/29/2022 21:55	WG1886669
Phenanthrene	<0.0000180		0.0000180	0.0000500	1	06/29/2022 21:55	WG1886669
Pyrene	<0.0000169		0.0000169	0.0000500	1	06/29/2022 21:55	WG1886669
1-Methylnaphthalene	<0.0000687		0.0000687	0.000250	1	06/29/2022 21:55	WG1886669
2-Methylnaphthalene	<0.0000674		0.0000674	0.000250	1	06/29/2022 21:55	WG1886669
2-Chloronaphthalene	<0.0000682		0.0000682	0.000250	1	06/29/2022 21:55	WG1886669
(S) Nitrobenzene-d5	*119*			*31.0-160*		*06/29/2022 21:55*	WG1886669
(S) 2-Fluorobiphenyl	*113*			*48.0-148*		*06/29/2022 21:55*	WG1886669
(S) p-Terphenyl-d14	*116*			*37.0-146*		*06/29/2022 21:55*	WG1886669

Method Blank (MB)

(MB) R3811492-3 07/02/22 00:33

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	<0.0000941		0.0000941	0.00100
Toluene	<0.000278		0.000278	0.00100
Ethylbenzene	<0.000137		0.000137	0.00100
Xylenes, Total	<0.000174		0.000174	0.00300
(S) Toluene-d8	*104*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.5*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*

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

(LCS) R3811492-1 07/01/22 23:36 • (LCSD) R3811492-2 07/01/22 23:55

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	0.00467	0.00449	93.4	89.8	70.0-123			3.93	20
Toluene	0.00500	0.00473	0.00457	94.6	91.4	79.0-120			3.44	20
Ethylbenzene	0.00500	0.00481	0.00461	96.2	92.2	79.0-123			4.25	20
Xylenes, Total	0.0150	0.0150	0.0138	100	92.0	79.0-123			8.33	20
(S) Toluene-d8				*102*	*103*	*80.0-120*				
(S) 4-Bromofluorobenzene				*100*	*99.8*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*114*	*111*	*70.0-130*				

Method Blank (MB)

(MB) R3811454-3 07/02/22 00:08

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	<0.0000941		0.0000941	0.00100
Toluene	<0.000278		0.000278	0.00100
Ethylbenzene	<0.000137		0.000137	0.00100
Xylenes, Total	<0.000174		0.000174	0.00300
(S) Toluene-d8	*97.5*			*80.0-120*
(S) 4-Bromofluorobenzene	*97.5*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*

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

(LCS) R3811454-1 07/01/22 23:10 • (LCSD) R3811454-2 07/01/22 23:29

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	0.00481	0.00493	96.2	98.6	70.0-123			2.46	20
Toluene	0.00500	0.00427	0.00446	85.4	89.2	79.0-120			4.35	20
Ethylbenzene	0.00500	0.00438	0.00456	87.6	91.2	79.0-123			4.03	20
Xylenes, Total	0.0150	0.0133	0.0134	88.7	89.3	79.0-123			0.749	20
(S) Toluene-d8				*96.5*	*97.2*	*80.0-120*				
(S) 4-Bromofluorobenzene				*101*	*101*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*111*	*108*	*70.0-130*				

Method Blank (MB)

(MB) R3812101-3 07/06/22 15:36

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	<0.0000941		0.0000941	0.00100
Toluene	<0.000278		0.000278	0.00100
Ethylbenzene	<0.000137		0.000137	0.00100
Xylenes, Total	<0.000174		0.000174	0.00300
(S) Toluene-d8	*95.3*			*80.0-120*
(S) 4-Bromofluorobenzene	*108*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*

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

(LCS) R3812101-1 07/06/22 14:39 • (LCSD) R3812101-2 07/06/22 14:58

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	0.00522	0.00524	104	105	70.0-123			0.382	20
Toluene	0.00500	0.00454	0.00445	90.8	89.0	79.0-120			2.00	20
Ethylbenzene	0.00500	0.00455	0.00443	91.0	88.6	79.0-123			2.67	20
Xylenes, Total	0.0150	0.0148	0.0144	98.7	96.0	79.0-123			2.74	20
(S) Toluene-d8				*92.8*	*93.1*	*80.0-120*				
(S) 4-Bromofluorobenzene				*110*	*107*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*116*	*115*	*70.0-130*				

Method Blank (MB)

(MB) R3809971-3 06/29/22 14:42

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Anthracene	<0.0000190		0.0000190	0.0000500
Acenaphthene	<0.0000190		0.0000190	0.0000500
Acenaphthylene	<0.0000171		0.0000171	0.0000500
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500
Chrysene	<0.0000179		0.0000179	0.0000500
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500
Dibenzofuran	<0.0000191		0.0000191	0.0000500
Fluoranthene	<0.0000270		0.0000270	0.000100
Fluorene	<0.0000169		0.0000169	0.0000500
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500
Naphthalene	<0.0000917		0.0000917	0.000250
Phenanthrene	<0.0000180		0.0000180	0.0000500
Pyrene	<0.0000169		0.0000169	0.0000500
1-Methylnaphthalene	<0.0000687		0.0000687	0.000250
2-Methylnaphthalene	<0.0000674		0.0000674	0.000250
2-Chloronaphthalene	<0.0000682		0.0000682	0.000250
(S) Nitrobenzene-d5	*123*			*31.0-160*
(S) 2-Fluorobiphenyl	*124*			*48.0-148*
(S) p-Terphenyl-d14	*147*	J1		*37.0-146*

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

(LCS) R3809971-1 06/29/22 14:07 • (LCSD) R3809971-2 06/29/22 14:25

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 %
Anthracene	0.00200	0.00214	0.00222	107	111	67.0-150			3.67	20
Acenaphthene	0.00200	0.00222	0.00229	111	115	65.0-138			3.10	20
Acenaphthylene	0.00200	0.00222	0.00227	111	114	66.0-140			2.23	20
Benzo(a)anthracene	0.00200	0.00219	0.00223	109	111	61.0-140			1.81	20
Benzo(a)pyrene	0.00200	0.00207	0.00212	104	106	60.0-143			2.39	20
Benzo(b)fluoranthene	0.00200	0.00221	0.00227	111	114	58.0-141			2.68	20
Benzo(g,h,i)perylene	0.00200	0.00203	0.00214	102	107	52.0-153			5.28	20
Benzo(k)fluoranthene	0.00200	0.00212	0.00222	106	111	58.0-148			4.61	20
Chrysene	0.00200	0.00221	0.00228	111	114	64.0-144			3.12	20
Dibenz(a,h)anthracene	0.00200	0.00199	0.00210	99.5	105	52.0-155			5.38	20

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

(LCS) R3809971-1 06/29/22 14:07 • (LCSD) R3809971-2 06/29/22 14:25

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	0.00216	0.00223	108	111	67.0-134			3.19	20
Fluoranthene	0.00200	0.00214	0.00221	107	111	69.0-153			3.22	20
Fluorene	0.00200	0.00225	0.00233	112	117	64.0-136			3.49	20
Indeno(1,2,3-cd)pyrene	0.00200	0.00200	0.00215	100	107	54.0-153			7.23	20
Naphthalene	0.00200	0.00218	0.00221	109	111	61.0-137			1.37	20
Phenanthrene	0.00200	0.00218	0.00222	109	111	62.0-137			1.82	20
Pyrene	0.00200	0.00221	0.00228	111	114	60.0-142			3.12	20
1-Methylnaphthalene	0.00200	0.00227	0.00234	114	117	66.0-142			3.04	20
2-Methylnaphthalene	0.00200	0.00213	0.00220	106	110	62.0-136			3.23	20
2-Chloronaphthalene	0.00200	0.00216	0.00222	108	111	64.0-140			2.74	20
(S) Nitrobenzene-d5				*114*	*118*	*31.0-160*				
(S) 2-Fluorobiphenyl				*115*	*118*	*48.0-148*				
(S) p-Terphenyl-d14				*136*	*139*	*37.0-146*				

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.
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.
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
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.

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.

Company Name/Address:	Billing Information:	Pres Chk	Analysis / Container / Preservative	Chain of Custody Page 1 of 2
Plains All American Pipeline 21 Waterway Ave., Suite 300 The Woodlands, TX 77380	Accounts Payable 333 Clay St., Ste 1600 Houston, TX 77002		SV8270PAHSIM 1L-Amb-NoPres; V8260BTEX 40mlAmb-HCl	Pace PEOPLE ADVANCING SCIENCE MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

Report to: Project Manager
Email To: CJBryant@paalp.com;algroves@paalp.com;Mao

Project Description: Vac to Jal 3
City/State Collected:
Please Circle: PT MT CT ET

Phone: 979-997-2338
Client Project #
Lab Project # PLAINSENT-PAA12014
Collected by (print): Greg H
Site/Facility ID #
P.O. #
Collected by (signature): Greg H
Rush? (Lab MUST Be Notified): ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day
Quote #
Date Results Needed
Immediately Packed on Ice N ___ Y ✓

SDG # L1509142
D113
Acctnum: PLAINSENT
Template: T211675
Prelogin: P933428
PM: 3587 - Lori A Vahrenkamp
PB:
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV8270PAHSIM 1L-Amb-NoPres	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
MW 1		GW		6-22-22	1605	4	2	2		01
MW 2		GW			1100	4	2	2		02
MW 3		GW			1250	2	1	1		03
MW 4		GW			3:25					04
MW 5		GW			3:40					05
MW 6		GW			3:45					06
MW 7		GW			1335					07
MW 8		GW			1425					08
MW 9		GW			320					09
RW 1		GW			1515	4	2	2		10

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

Remarks:
pH ______ Temp ______
Flow ______ Other ______

Samples returned via: __ UPS __ FedEx __ Courier ________
Tracking #

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
RAD Screen <0.5 mR/hr: ✓Y _N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	
Greg Haas	06/24/22	1600	[signature]	Trip Blank Received: Yes / (No) HCL / MeoH TBR
[signature]	06/24/22	1700	SWA	Temp: MMA6 °C 21.4 + 0 = 21.4 Bottles Received: 5Q
			Received for lab by: (Signature) Matt [signature]	Date: 6/25/22 Time: 0800

If preservation required by Login: Date/Time
Hold:
Condition: (NCF) / OK

Company Name/Address:
Plains All American Pipeline
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

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

Pres Chk

Report to: **Project Manager**

Email To: CJBryant@paalp.com;algroves@paalp.com;Mao

Project Description: **Vac to Jal 3**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **979-997-2338**

Client Project #

Lab Project # **PLAINSENT-PAA12014**

Collected by (print): Greg Flores

Collected by (signature): Greg Flores

Immediately Packed on Ice N ___ Y ✓

Site/Facility ID #

P.O. #

Quote #

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV8270PAHSIM 1L-Amb-NoPres	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
RW 2		GW		6.22.22	1655	4	2	2		11
RW 3		GW			3:15	4				12
RW 4		GW			3:05	4				13
RW 5		GW			2:55	4				14
IW 1		GW			4:00	2	1	1		15
IW 2		GW			3:35	4	2	2		16
IW 3		GW		✓	4:10	2	1	1		17
		GW								
		GW								
		GW								

Chain of Custody Page 2 of 2

Pace PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1509142

Table #

Acctnum: **PLAINSENT**

Template: **T211675**

Prelogin: **P933428**

PM: **3587 - Lori A Vahrenkamp**

PB:

Shipped Via: **FedEX Ground**

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

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
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Greg Flores	06/24/22	1600		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 21.4 +0=21.4 °C Bottles Received: 52
	06/24/22	1700	SWA	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 6/25/22 Time: 0820
			Matt Ellis	

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Pace Analytical®

ANALYTICAL REPORT

October 11, 2022

Plains All American Pipeline

Sample Delivery Group:	L1541765
Samples Received:	10/01/2022
Project Number:	PAA12014
Description:	Vac to Jal 3

Report To: Bill Goldsby
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

Entire Report Reviewed By:

Chad A Upchurch
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

TABLE OF CONTENTS

MW1 L1541765-01 GW

			Collected by	Collected date/time	Received date/time	
				09/29/22 11:50	10/01/22 09:15	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1938424	1	10/06/22 14:50	10/06/22 14:50	JCP	Mt. Juliet, TN

MW2 L1541765-02 GW

			Collected by	Collected date/time	Received date/time	
				09/29/22 11:40	10/01/22 09:15	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1938424	1	10/06/22 15:11	10/06/22 15:11	JCP	Mt. Juliet, TN

MW3 L1541765-03 GW

			Collected by	Collected date/time	Received date/time	
				09/29/22 11:00	10/01/22 09:15	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1938424	1	10/06/22 15:32	10/06/22 15:32	JCP	Mt. Juliet, TN

MW4 L1541765-04 GW

			Collected by	Collected date/time	Received date/time	
				09/29/22 10:30	10/01/22 09:15	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1938424	1	10/06/22 15:52	10/06/22 15:52	JCP	Mt. Juliet, TN

MW5 L1541765-05 GW

			Collected by	Collected date/time	Received date/time	
				09/29/22 11:20	10/01/22 09:15	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1938424	1	10/06/22 16:13	10/06/22 16:13	JCP	Mt. Juliet, TN

MW6 L1541765-06 GW

			Collected by	Collected date/time	Received date/time	
				09/29/22 10:50	10/01/22 09:15	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1938424	1	10/06/22 16:34	10/06/22 16:34	JCP	Mt. Juliet, TN

MW7 L1541765-07 GW

			Collected by	Collected date/time	Received date/time	
				09/29/22 11:10	10/01/22 09:15	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1938424	1	10/06/22 16:55	10/06/22 16:55	JCP	Mt. Juliet, TN

MW8 L1541765-08 GW

			Collected by	Collected date/time	Received date/time	
				09/29/22 11:40	10/01/22 09:15	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1938424	1	10/06/22 17:15	10/06/22 17:15	JCP	Mt. Juliet, TN

SAMPLE SUMMARY

MW9 L1541765-09 GW

Collected by	Collected date/time	Received date/time
	09/29/22 11:30	10/01/22 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1938424	1	10/06/22 17:36	10/06/22 17:36	JCP	Mt. Juliet, TN

RW4 L1541765-10 GW

Collected by	Collected date/time	Received date/time
	09/29/22 12:00	10/01/22 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1938424	1	10/06/22 17:57	10/06/22 17:57	JCP	Mt. Juliet, TN

RW5 L1541765-11 GW

Collected by	Collected date/time	Received date/time
	09/29/22 12:10	10/01/22 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1938424	1	10/06/22 18:17	10/06/22 18:17	JCP	Mt. Juliet, TN

DUP-01 L1541765-12 GW

Collected by	Collected date/time	Received date/time
	09/29/22 00:00	10/01/22 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1938424	1	10/06/22 18:38	10/06/22 18:38	JCP	Mt. Juliet, TN

CASE NARRATIVE

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.

Chad A Upchurch
Project Manager

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00338		0.0000941	0.00100	1	10/06/2022 14:50	WG1938424
Toluene	<0.000278		0.000278	0.00100	1	10/06/2022 14:50	WG1938424
Ethylbenzene	0.00199		0.000137	0.00100	1	10/06/2022 14:50	WG1938424
Total Xylenes	0.00211	J	0.000174	0.00300	1	10/06/2022 14:50	WG1938424
(S) Toluene-d8	*113*			*80.0-120*		*10/06/2022 14:50*	WG1938424
(S) 4-Bromofluorobenzene	*98.3*			*77.0-126*		*10/06/2022 14:50*	WG1938424
(S) 1,2-Dichloroethane-d4	*90.8*			*70.0-130*		*10/06/2022 14:50*	WG1938424

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	10/06/2022 15:11	WG1938424
Toluene	<0.000278		0.000278	0.00100	1	10/06/2022 15:11	WG1938424
Ethylbenzene	<0.000137		0.000137	0.00100	1	10/06/2022 15:11	WG1938424
Total Xylenes	<0.000174		0.000174	0.00300	1	10/06/2022 15:11	WG1938424
(S) Toluene-d8	*119*			*80.0-120*		*10/06/2022 15:11*	WG1938424
(S) 4-Bromofluorobenzene	*93.4*			*77.0-126*		*10/06/2022 15:11*	WG1938424
(S) 1,2-Dichloroethane-d4	*93.3*			*70.0-130*		*10/06/2022 15:11*	WG1938424

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	10/06/2022 15:32	WG1938424
Toluene	<0.000278		0.000278	0.00100	1	10/06/2022 15:32	WG1938424
Ethylbenzene	<0.000137		0.000137	0.00100	1	10/06/2022 15:32	WG1938424
Total Xylenes	<0.000174		0.000174	0.00300	1	10/06/2022 15:32	WG1938424
(S) Toluene-d8	*118*			*80.0-120*		*10/06/2022 15:32*	WG1938424
(S) 4-Bromofluorobenzene	*93.3*			*77.0-126*		*10/06/2022 15:32*	WG1938424
(S) 1,2-Dichloroethane-d4	*91.8*			*70.0-130*		*10/06/2022 15:32*	WG1938424

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	10/06/2022 15:52	WG1938424
Toluene	<0.000278		0.000278	0.00100	1	10/06/2022 15:52	WG1938424
Ethylbenzene	<0.000137		0.000137	0.00100	1	10/06/2022 15:52	WG1938424
Total Xylenes	<0.000174		0.000174	0.00300	1	10/06/2022 15:52	WG1938424
(S) Toluene-d8	*117*			*80.0-120*		*10/06/2022 15:52*	WG1938424
(S) 4-Bromofluorobenzene	*90.5*			*77.0-126*		*10/06/2022 15:52*	WG1938424
(S) 1,2-Dichloroethane-d4	*93.3*			*70.0-130*		*10/06/2022 15:52*	WG1938424

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	10/06/2022 16:13	WG1938424
Toluene	<0.000278		0.000278	0.00100	1	10/06/2022 16:13	WG1938424
Ethylbenzene	<0.000137		0.000137	0.00100	1	10/06/2022 16:13	WG1938424
Total Xylenes	<0.000174		0.000174	0.00300	1	10/06/2022 16:13	WG1938424
(S) Toluene-d8	*118*			*80.0-120*		*10/06/2022 16:13*	WG1938424
(S) 4-Bromofluorobenzene	*93.1*			*77.0-126*		*10/06/2022 16:13*	WG1938424
(S) 1,2-Dichloroethane-d4	*93.5*			*70.0-130*		*10/06/2022 16:13*	WG1938424

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	10/06/2022 16:34	WG1938424
Toluene	<0.000278		0.000278	0.00100	1	10/06/2022 16:34	WG1938424
Ethylbenzene	<0.000137		0.000137	0.00100	1	10/06/2022 16:34	WG1938424
Total Xylenes	<0.000174		0.000174	0.00300	1	10/06/2022 16:34	WG1938424
(S) Toluene-d8	*116*			*80.0-120*		*10/06/2022 16:34*	WG1938424
(S) 4-Bromofluorobenzene	*91.1*			*77.0-126*		*10/06/2022 16:34*	WG1938424
(S) 1,2-Dichloroethane-d4	*91.6*			*70.0-130*		*10/06/2022 16:34*	WG1938424

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	10/06/2022 16:55	WG1938424
Toluene	<0.000278		0.000278	0.00100	1	10/06/2022 16:55	WG1938424
Ethylbenzene	<0.000137		0.000137	0.00100	1	10/06/2022 16:55	WG1938424
Total Xylenes	<0.000174		0.000174	0.00300	1	10/06/2022 16:55	WG1938424
(S) Toluene-d8	*117*			*80.0-120*		*10/06/2022 16:55*	WG1938424
(S) 4-Bromofluorobenzene	*90.0*			*77.0-126*		*10/06/2022 16:55*	WG1938424
(S) 1,2-Dichloroethane-d4	*91.8*			*70.0-130*		*10/06/2022 16:55*	WG1938424

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	10/06/2022 17:15	WG1938424
Toluene	<0.000278		0.000278	0.00100	1	10/06/2022 17:15	WG1938424
Ethylbenzene	<0.000137		0.000137	0.00100	1	10/06/2022 17:15	WG1938424
Total Xylenes	<0.000174		0.000174	0.00300	1	10/06/2022 17:15	WG1938424
(S) Toluene-d8	*118*			*80.0-120*		*10/06/2022 17:15*	WG1938424
(S) 4-Bromofluorobenzene	*90.8*			*77.0-126*		*10/06/2022 17:15*	WG1938424
(S) 1,2-Dichloroethane-d4	*92.3*			*70.0-130*		*10/06/2022 17:15*	WG1938424

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	10/06/2022 17:36	WG1938424
Toluene	<0.000278		0.000278	0.00100	1	10/06/2022 17:36	WG1938424
Ethylbenzene	<0.000137		0.000137	0.00100	1	10/06/2022 17:36	WG1938424
Total Xylenes	<0.000174		0.000174	0.00300	1	10/06/2022 17:36	WG1938424
(S) Toluene-d8	*116*			*80.0-120*		*10/06/2022 17:36*	WG1938424
(S) 4-Bromofluorobenzene	*86.9*			*77.0-126*		*10/06/2022 17:36*	WG1938424
(S) 1,2-Dichloroethane-d4	*91.4*			*70.0-130*		*10/06/2022 17:36*	WG1938424

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	10/06/2022 17:57	WG1938424
Toluene	<0.000278		0.000278	0.00100	1	10/06/2022 17:57	WG1938424
Ethylbenzene	<0.000137		0.000137	0.00100	1	10/06/2022 17:57	WG1938424
Total Xylenes	<0.000174		0.000174	0.00300	1	10/06/2022 17:57	WG1938424
(S) Toluene-d8	*116*			*80.0-120*		*10/06/2022 17:57*	WG1938424
(S) 4-Bromofluorobenzene	*91.3*			*77.0-126*		*10/06/2022 17:57*	WG1938424
(S) 1,2-Dichloroethane-d4	*90.1*			*70.0-130*		*10/06/2022 17:57*	WG1938424

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	10/06/2022 18:17	WG1938424
Toluene	<0.000278		0.000278	0.00100	1	10/06/2022 18:17	WG1938424
Ethylbenzene	0.000165	J	0.000137	0.00100	1	10/06/2022 18:17	WG1938424
Total Xylenes	<0.000174		0.000174	0.00300	1	10/06/2022 18:17	WG1938424
(S) Toluene-d8	*117*			*80.0-120*		*10/06/2022 18:17*	WG1938424
(S) 4-Bromofluorobenzene	*93.0*			*77.0-126*		*10/06/2022 18:17*	WG1938424
(S) 1,2-Dichloroethane-d4	*91.5*			*70.0-130*		*10/06/2022 18:17*	WG1938424

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	10/06/2022 18:38	WG1938424
Toluene	<0.000278		0.000278	0.00100	1	10/06/2022 18:38	WG1938424
Ethylbenzene	<0.000137		0.000137	0.00100	1	10/06/2022 18:38	WG1938424
Total Xylenes	<0.000174		0.000174	0.00300	1	10/06/2022 18:38	WG1938424
(S) Toluene-d8	*117*			*80.0-120*		*10/06/2022 18:38*	WG1938424
(S) 4-Bromofluorobenzene	*90.9*			*77.0-126*		*10/06/2022 18:38*	WG1938424
(S) 1,2-Dichloroethane-d4	*91.1*			*70.0-130*		*10/06/2022 18:38*	WG1938424

Method Blank (MB)

(MB) R3847234-2 10/06/22 10:15

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	<0.0000941		0.0000941	0.00100
Toluene	<0.000278		0.000278	0.00100
Ethylbenzene	<0.000137		0.000137	0.00100
Xylenes, Total	<0.000174		0.000174	0.00300
(S) Toluene-d8	*112*			*80.0-120*
(S) 4-Bromofluorobenzene	*91.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*90.8*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3847234-1 10/06/22 09:13

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00383	76.6	70.0-123	
Toluene	0.00500	0.00423	84.6	79.0-120	
Ethylbenzene	0.00500	0.00478	95.6	79.0-123	
Xylenes, Total	0.0150	0.0132	88.0	79.0-123	
(S) Toluene-d8			*114*	*80.0-120*	
(S) 4-Bromofluorobenzene			*91.3*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*88.9*	*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.
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.
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
J	The identification of the analyte is acceptable; the reported value is an estimate.

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.

Company Name/Address:
Plains All American Pipeline

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

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

Pres Chk

Report to: **Bill Goldsby**

Email To: **CJBryant@paalp.com;Maochoa@paalp.com;bill.**

Project Description: **Vac to Jal 3**

City/State Collected: **EUNICE NM**

Please Circle: PT MT CT ET

Phone: **281-507-3578**

Client Project # **PAA12014**

Lab Project # **PLAINSENT-PAA12014**

Collected by (print): **CHRIS SANCHEZ**

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

V8260BTEX 40mlAmb-HCl

Chain of Custody Page 1 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1541765
H146

Acctnum: **PLAINSENT**
Template: **T217031**
Prelogin: **P953901**
PM: **3564 - Chad A Upchurch**
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
MW1		GW		9-29-22	1150	2	2		-01
MW2		GW		↑	1040	↑	↑		-02
MW3		GW			1100				-03
MW4		GW			1030				-04
MW5		GW			1120				-05
MW6		GW			1050				-06
MW7		GW			1110				-07
MW8		GW			1140				-08
MW9		GW		↓	1130	↓	↓		-09
RW4		GW		9-29-22	1200	2	2		-10

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS (FedEx) __ Courier _____

Tracking # 5913 6273 0100

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
RAD Screen <0.5 mR/hr:		__Y __N

Relinquished by : (Signature) C.S	Date: 9/30/22	Time: 1020	Received by: (Signature)	Trip Blank Received: Yes / (No) HCL / MeoH TBR	
Relinquished by : (Signature)	Date: 9/30/22	Time: 1700	Received by: (Signature) FedEx	Temp: GBX 7 °C 1.8+0=1.8	Bottles Received: 24
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Isaac Parra	Date: 10-1-22	Time: 09:15

If preservation required by Login: Date/Time

Hold: | Condition: NCF / OK

Company Name/Address:
Plains All American Pipeline
21 Waterway Ave., Suite 300
The Woodlands, TX 77380

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

Pres Chk

Report to: Bill Goldsby

Email To: CJBryant@paalp.com;Maochoa@paalp.com;bill.

Project Description: Vac to Jal 3

City/State Collected: EUNICE NM

Please Circle: PT MT CT ET

Phone: 281-507-3578

Client Project # PAA12014

Lab Project # PLAINSENT-PAA12014

Collected by (print): CHRIS SANCHEZ

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
RW5		GW		9-29-22	1210	2	2		-11
DUP-01		GW		9-29-22	—	2	2		-12
		GW							

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG #

Table #

Acctnum: PLAINSENT
Template: T217031
Prelogin: P953901
PM: 3564 - Chad A Upchurch
PB:

Shipped Via:

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking # 5913 6273 0100

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
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	9-30-22	1030	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	9/30/22	0700	Fedex
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes (No) HCL / MeoH TBR

Temp GBAT °C Bottles Received: 24

1.8+0=1.8

If preservation required by Login: Date/Time

Date: 10-1-22 Time: 09:15

Hold:

Condition: NCF / OK

ANALYTICAL REPORT

January 19, 2023

Revised Report

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Plains All American Pipeline

Sample Delivery Group:	L1566272
Samples Received:	12/10/2022
Project Number:	PAA 12014
Description:	Vac to Jal#3
Site:	SRS - 2003-00117
Report To:	Bill Goldsby 21 Waterway Ave., Suite 300 The Woodlands, TX 77380

Entire Report Reviewed By:

Chad A Upchurch
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 Services, LLC -Dallas
400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

MW2 L1566272-01 GW

Collected by: GF/CS | Collected date/time: 12/07/22 11:30 | Received date/time: 12/10/22 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG1972935	1	12/12/22 12:11	12/12/22 12:11	ZST	Allen, TX

MW3 L1566272-02 GW

Collected by: GF/CS | Collected date/time: 12/07/22 12:00 | Received date/time: 12/10/22 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG1972935	1	12/12/22 13:22	12/12/22 13:22	ZST	Allen, TX

MW4 L1566272-03 GW

Collected by: GF/CS | Collected date/time: 12/07/22 11:40 | Received date/time: 12/10/22 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG1972935	1	12/12/22 14:04	12/12/22 14:04	ZST	Allen, TX

MW5 L1566272-04 GW

Collected by: GF/CS | Collected date/time: 12/07/22 12:20 | Received date/time: 12/10/22 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG1972935	1	12/12/22 14:23	12/12/22 14:23	ZST	Allen, TX

MW6 L1566272-05 GW

Collected by: GF/CS | Collected date/time: 12/07/22 11:50 | Received date/time: 12/10/22 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG1972935	1	12/12/22 14:41	12/12/22 14:41	ZST	Allen, TX

MW7 L1566272-06 GW

Collected by: GF/CS | Collected date/time: 12/07/22 12:10 | Received date/time: 12/10/22 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG1972935	1	12/12/22 14:58	12/12/22 14:58	ZST	Allen, TX

MW8 L1566272-07 GW

Collected by: GF/CS | Collected date/time: 12/07/22 12:40 | Received date/time: 12/10/22 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG1972935	1	12/12/22 15:16	12/12/22 15:16	ZST	Allen, TX

MW9 L1566272-08 GW

Collected by: GF/CS | Collected date/time: 12/07/22 12:30 | Received date/time: 12/10/22 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG1972935	1	12/12/22 15:34	12/12/22 15:34	ZST	Allen, TX

SAMPLE SUMMARY

RW1 L1566272-09 GW

Collected by: GF/CS | Collected date/time: 12/07/22 12:50 | Received date/time: 12/10/22 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG1972935	1	12/12/22 15:51	12/12/22 15:51	ZST	Allen, TX

RW4 L1566272-10 GW

Collected by: GF/CS | Collected date/time: 12/07/22 13:00 | Received date/time: 12/10/22 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG1972935	1	12/12/22 16:09	12/12/22 16:09	ZST	Allen, TX

RW5 L1566272-11 GW

Collected by: GF/CS | Collected date/time: 12/07/22 13:10 | Received date/time: 12/10/22 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG1972935	1	12/12/22 16:26	12/12/22 16:26	ZST	Allen, TX

DUP-01 L1566272-12 GW

Collected by: GF/CS | Collected date/time: 12/07/22 00:00 | Received date/time: 12/10/22 09:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG1974444	1	12/14/22 15:28	12/14/22 15:28	ZST	Allen, TX

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.

Chad A Upchurch
Project Manager

Report Revision History

Level II Report - Version 1: 12/16/22 15:38

Project Narrative

Revised Report: Update to appropriate account

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	12/12/2022 12:11	WG1972935
Ethylbenzene	<0.000462		0.000462	0.00200	1	12/12/2022 12:11	WG1972935
Toluene	<0.000998		0.000998	0.00500	1	12/12/2022 12:11	WG1972935
Xylenes, Total	<0.00132	J3 J6	0.00132	0.00600	1	12/12/2022 12:11	WG1972935
(S) 1,2-Dichloroethane-d4	*96.6*			*70.0-130*		*12/12/2022 12:11*	WG1972935
(S) 4-Bromofluorobenzene	*105*			*70.0-130*		*12/12/2022 12:11*	WG1972935
(S) Toluene-d8	*102*			*70.0-130*		*12/12/2022 12:11*	WG1972935

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	12/12/2022 13:22	WG1972935
Ethylbenzene	<0.000462		0.000462	0.00200	1	12/12/2022 13:22	WG1972935
Toluene	<0.000998		0.000998	0.00500	1	12/12/2022 13:22	WG1972935
Xylenes, Total	<0.00132		0.00132	0.00600	1	12/12/2022 13:22	WG1972935
(S) 1,2-Dichloroethane-d4	*95.5*			*70.0-130*		*12/12/2022 13:22*	WG1972935
(S) 4-Bromofluorobenzene	*105*			*70.0-130*		*12/12/2022 13:22*	WG1972935
(S) Toluene-d8	*97.7*			*70.0-130*		*12/12/2022 13:22*	WG1972935

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	12/12/2022 14:04	WG1972935
Ethylbenzene	<0.000462		0.000462	0.00200	1	12/12/2022 14:04	WG1972935
Toluene	<0.000998		0.000998	0.00500	1	12/12/2022 14:04	WG1972935
Xylenes, Total	<0.00132		0.00132	0.00600	1	12/12/2022 14:04	WG1972935
(S) 1,2-Dichloroethane-d4	*97.9*			*70.0-130*		*12/12/2022 14:04*	WG1972935
(S) 4-Bromofluorobenzene	*106*			*70.0-130*		*12/12/2022 14:04*	WG1972935
(S) Toluene-d8	*101*			*70.0-130*		*12/12/2022 14:04*	WG1972935

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	12/12/2022 14:23	WG1972935
Ethylbenzene	<0.000462		0.000462	0.00200	1	12/12/2022 14:23	WG1972935
Toluene	<0.000998		0.000998	0.00500	1	12/12/2022 14:23	WG1972935
Xylenes, Total	<0.00132		0.00132	0.00600	1	12/12/2022 14:23	WG1972935
(S) 1,2-Dichloroethane-d4	*95.9*			*70.0-130*		*12/12/2022 14:23*	WG1972935
(S) 4-Bromofluorobenzene	*106*			*70.0-130*		*12/12/2022 14:23*	WG1972935
(S) Toluene-d8	*102*			*70.0-130*		*12/12/2022 14:23*	WG1972935

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	12/12/2022 14:41	WG1972935
Ethylbenzene	<0.000462		0.000462	0.00200	1	12/12/2022 14:41	WG1972935
Toluene	<0.000998		0.000998	0.00500	1	12/12/2022 14:41	WG1972935
Xylenes, Total	<0.00132		0.00132	0.00600	1	12/12/2022 14:41	WG1972935
(S) 1,2-Dichloroethane-d4	*99.8*			*70.0-130*		*12/12/2022 14:41*	WG1972935
(S) 4-Bromofluorobenzene	*106*			*70.0-130*		*12/12/2022 14:41*	WG1972935
(S) Toluene-d8	*99.2*			*70.0-130*		*12/12/2022 14:41*	WG1972935

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	12/12/2022 14:58	WG1972935
Ethylbenzene	<0.000462		0.000462	0.00200	1	12/12/2022 14:58	WG1972935
Toluene	<0.000998		0.000998	0.00500	1	12/12/2022 14:58	WG1972935
Xylenes, Total	<0.00132		0.00132	0.00600	1	12/12/2022 14:58	WG1972935
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*12/12/2022 14:58*	WG1972935
(S) 4-Bromofluorobenzene	*104*			*70.0-130*		*12/12/2022 14:58*	WG1972935
(S) Toluene-d8	*99.9*			*70.0-130*		*12/12/2022 14:58*	WG1972935

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	12/12/2022 15:16	WG1972935
Ethylbenzene	<0.000462		0.000462	0.00200	1	12/12/2022 15:16	WG1972935
Toluene	<0.000998		0.000998	0.00500	1	12/12/2022 15:16	WG1972935
Xylenes, Total	<0.00132		0.00132	0.00600	1	12/12/2022 15:16	WG1972935
(S) 1,2-Dichloroethane-d4	*99.2*			*70.0-130*		*12/12/2022 15:16*	WG1972935
(S) 4-Bromofluorobenzene	*109*			*70.0-130*		*12/12/2022 15:16*	WG1972935
(S) Toluene-d8	*99.0*			*70.0-130*		*12/12/2022 15:16*	WG1972935

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	12/12/2022 15:34	WG1972935
Ethylbenzene	<0.000462		0.000462	0.00200	1	12/12/2022 15:34	WG1972935
Toluene	<0.000998		0.000998	0.00500	1	12/12/2022 15:34	WG1972935
Xylenes, Total	<0.00132		0.00132	0.00600	1	12/12/2022 15:34	WG1972935
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*12/12/2022 15:34*	WG1972935
(S) 4-Bromofluorobenzene	*107*			*70.0-130*		*12/12/2022 15:34*	WG1972935
(S) Toluene-d8	*98.3*			*70.0-130*		*12/12/2022 15:34*	WG1972935

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00196	J	0.000493	0.00200	1	12/12/2022 15:51	WG1972935
Ethylbenzene	0.000922	J	0.000462	0.00200	1	12/12/2022 15:51	WG1972935
Toluene	<0.000998		0.000998	0.00500	1	12/12/2022 15:51	WG1972935
Xylenes, Total	<0.00132		0.00132	0.00600	1	12/12/2022 15:51	WG1972935
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*12/12/2022 15:51*	WG1972935
(S) 4-Bromofluorobenzene	*103*			*70.0-130*		*12/12/2022 15:51*	WG1972935
(S) Toluene-d8	*103*			*70.0-130*		*12/12/2022 15:51*	WG1972935

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	12/12/2022 16:09	WG1972935
Ethylbenzene	<0.000462		0.000462	0.00200	1	12/12/2022 16:09	WG1972935
Toluene	<0.000998		0.000998	0.00500	1	12/12/2022 16:09	WG1972935
Xylenes, Total	<0.00132		0.00132	0.00600	1	12/12/2022 16:09	WG1972935
(S) 1,2-Dichloroethane-d4	*98.9*			*70.0-130*		*12/12/2022 16:09*	WG1972935
(S) 4-Bromofluorobenzene	*104*			*70.0-130*		*12/12/2022 16:09*	WG1972935
(S) Toluene-d8	*97.5*			*70.0-130*		*12/12/2022 16:09*	WG1972935

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	12/12/2022 16:26	WG1972935
Ethylbenzene	<0.000462		0.000462	0.00200	1	12/12/2022 16:26	WG1972935
Toluene	<0.000998		0.000998	0.00500	1	12/12/2022 16:26	WG1972935
Xylenes, Total	<0.00132		0.00132	0.00600	1	12/12/2022 16:26	WG1972935
(S) 1,2-Dichloroethane-d4	*97.5*			*70.0-130*		*12/12/2022 16:26*	WG1972935
(S) 4-Bromofluorobenzene	*103*			*70.0-130*		*12/12/2022 16:26*	WG1972935
(S) Toluene-d8	*99.4*			*70.0-130*		*12/12/2022 16:26*	WG1972935

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	12/14/2022 15:28	WG1974444
Ethylbenzene	<0.000462		0.000462	0.00200	1	12/14/2022 15:28	WG1974444
Toluene	<0.000998		0.000998	0.00500	1	12/14/2022 15:28	WG1974444
Xylenes, Total	<0.00132		0.00132	0.00600	1	12/14/2022 15:28	WG1974444
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*12/14/2022 15:28*	WG1974444
(S) 4-Bromofluorobenzene	*107*			*70.0-130*		*12/14/2022 15:28*	WG1974444
(S) Toluene-d8	*101*			*70.0-130*		*12/14/2022 15:28*	WG1974444

Method Blank (MB)

(MB) R3871463-2 12/12/22 11:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	<0.000493		0.000493	0.00200
Ethylbenzene	<0.000462		0.000462	0.00200
Toluene	<0.000998		0.000998	0.00500
Xylenes, Total	<0.00132		0.00132	0.00600
(S) 1,2-Dichloroethane-d4	*96.6*			*70.0-130*
(S) 4-Bromofluorobenzene	*106*			*70.0-130*
(S) Toluene-d8	*101*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3871463-1 12/12/22 11:12

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0200	0.0193	96.5	73.0-131	
Ethylbenzene	0.0200	0.0194	97.0	76.0-129	
Toluene	0.0200	0.0192	96.0	73.0-130	
Xylenes, Total	0.0600	0.0568	94.7	78.0-124	
(S) 1,2-Dichloroethane-d4			*98.4*	*70.0-130*	
(S) 4-Bromofluorobenzene			*97.2*	*70.0-130*	
(S) Toluene-d8			*102*	*70.0-130*	

L1566272-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1566272-01 12/12/22 12:11 • (MS) R3871463-3 12/12/22 12:29 • (MSD) R3871463-4 12/12/22 12:46

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.0200	<0.000493	0.0199	0.0199	99.5	99.5	1	74.0-130			0.000	20
Ethylbenzene	0.0200	<0.000462	0.0199	0.0199	99.5	99.5	1	77.0-127			0.000	20
Toluene	0.0200	<0.000998	0.0196	0.0198	98.0	99.0	1	74.0-127			1.02	20
Xylenes, Total	0.0600	<0.00132	0.0585	0.0194	97.5	32.3	1	71.0-133		J3 J6	100	20
(S) 1,2-Dichloroethane-d4					*101*	*101*		*70.0-130*				
(S) 4-Bromofluorobenzene					*98.3*	*95.7*		*70.0-130*				
(S) Toluene-d8					*100*	*101*		*70.0-130*				

Method Blank (MB)

(MB) R3871975-2 12/14/22 14:53

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	<0.000493		0.000493	0.00200
Ethylbenzene	<0.000462		0.000462	0.00200
Toluene	<0.000998		0.000998	0.00500
Xylenes, Total	<0.00132		0.00132	0.00600
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*
(S) 4-Bromofluorobenzene	*106*			*70.0-130*
(S) Toluene-d8	*102*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3871975-1 12/14/22 14:18

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0200	0.0190	95.0	73.0-131	
Ethylbenzene	0.0200	0.0195	97.5	76.0-129	
Toluene	0.0200	0.0194	97.0	73.0-130	
Xylenes, Total	0.0600	0.0574	95.7	78.0-124	
(S) 1,2-Dichloroethane-d4			*103*	*70.0-130*	
(S) 4-Bromofluorobenzene			*104*	*70.0-130*	
(S) Toluene-d8			*101*	*70.0-130*	

L1565952-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1565952-03 12/14/22 17:14 • (MS) R3871975-3 12/14/22 17:50 • (MSD) R3871975-4 12/14/22 18:07

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	1.00	4.22	20.4	20.3	1620	1610	50	74.0-130	E V	E V	0.491	20
Ethylbenzene	1.00	0.836	1.86	1.84	102	100	50	77.0-127			1.08	20
Toluene	1.00	4.50	16.9	16.6	1240	1210	50	74.0-127	E V	E V	1.79	20
Xylenes, Total	3.00	<0.00132	7.61	7.56	254	252	50	71.0-133	J5	J5	0.659	20
(S) 1,2-Dichloroethane-d4					*98.8*	*103*		*70.0-130*				
(S) 4-Bromofluorobenzene					*105*	*104*		*70.0-130*				
(S) Toluene-d8					*100*	*99.9*		*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.
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.
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.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
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
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
V	The sample concentration is too high to evaluate accurate spike recoveries.

ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

Arkansas	88-0647	Kansas	E10388
Florida	E871118	Texas	T104704232-22-37
Iowa	408	Oklahoma	8727
Louisiana	30686		

[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.

Chain of Custody Page 1 of 1

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# US166272

Table #

Acctnum:

Template:

Prelogin:

TSR:

PB:

Shipped Via:

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

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

Pres Chk

Report to: Bill Goldsby

Email To: CSBrant@paapl.com
KMudgens@paapl.com

Project Description: Vac to Jal 3

City/State Collected: Eunice NM

Phone: 281-507-3578
Fax:

Client Project # PAA 12014

Lab Project #

Collected by (print): C. Sanchez / G. Flores

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

826 BTEX

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs		Remarks	Sample # (lab only)
MW2				12-7-22	1130	2	2		-01
MW3					1200				-02
MW4					1140				-03
MW5					1220				-04
MW6					1150				-05
MW7					1210				-06
MW8					1240				-07
MW9					1230				-08
RW1					1250				-09
RW4				12-7-22	1300	2	2		-10

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 3919 4866 9619

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

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Greg Flores	12/8	4:30			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	If preservation required by Login: Date/Time
FedEx	12/10/22	0920	Olivia Currie		
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK

Company Name: [illegible] PIPELINE
21 WATERWAY AVE, SUITE 300
THE WOODLAND TX 77380

Billing Information:
ACCOUNTS PAYABLE
333 CLAY ST., STE 1600
HOUSTON TX 77002

Pres Chk

Report to: BILL GALDJBY

Email To: CSBRANT@PAAPL.COM
KHUDGENS@PAAPL.COM

Project Description: VAC to JAL 3

City/State Collected: EUNICE NM

Phone: 281-507-3578
Fax:

Client Project #: PAA 12014

Lab Project #

Collected by (print): C Sandoz / Greg Flores

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

8260 BTEX

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Remarks	Sample # (lab only)
RW5				12-7-22	1310	2		-11
DUP-01				12-7-22		2		-12

Chain of Custody Page 2 of 2

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 #

Table #

Acctnum:

Template:

Prelogin:

TSR:

PB:

Shipped Via:

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 3919 4866 9619

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

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Greg Flores	12/8	9:30	
Relinquished by: (Signature) FedEx	Date: 12/10/22	Time: 0920	Received by: (Signature) Olivia Currie
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

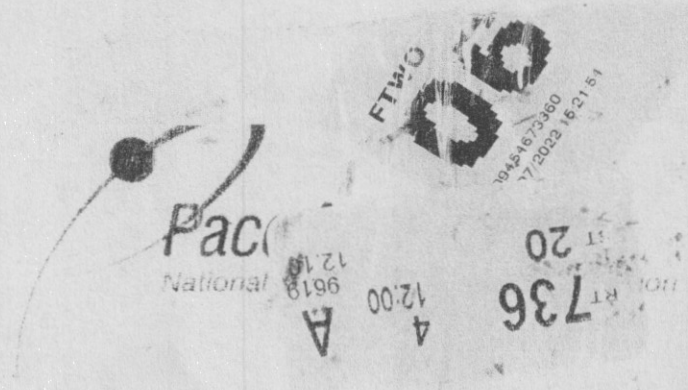
Temp: °C Bottles Received:

Date: Time:

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK



ORIGIN ID:MAFA (432) 202-4238

PACE ANALYTICAL NATIONAL
12065 LEBANON RD

MOUNT JULIET, TN 37122
UNITED STATES US

SHIP DATE: 09DEC22
ACTWGT: 39.55 LB
CAD: 6994482/SSFE2341
DIMS: 20x14x14 IN

BILL THIRD PARTY

TO PACE ANALYTICAL SERVICES,
PACE ANALYTICAL SERVICES, INC.
400 W BETHANY DR
STE 190
ALLEN TX 75013

(972) 727-1123 REF:
INV:
PO: DEPT:

FedEx Express

1 of 2

TRK# 0201 3919 4866 9619

MASTER

XO DNEA

SATURDAY 12:00P
PRIORITY OVERNIGHT
AHS
75013
TX-US DFW

Pace Analytical®	Document Name: Sample Condition Upon Receipt	Document Revised: 7/27/20 Page 1 of 1
	Document No.: F-DAL-C-001-rev.14	Issuing Authority: Pace Dallas Quality Office

Sample Condition Upon Receipt

☑Dallas ☐Ft Worth ☐Corpus Christi ☐Austin

Client Name: Plains All American Pipeline Project Work order (place label): 1566272

Courier: FedEX ☑ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☐ Other: _____

Tracking #: 3919 4866 9619

Custody Seal on Cooler/Box: Yes ☑ No ☐

Received on ice: Wet ☑ Blue ☐ No ice ☐

Receiving Lab 1 Thermometer Used: 1218 **Cooler Temp °C:** 4.0 (Recorded) 40.5 (Correction Factor) 4.5 (Actual)

Receiving Lab 2 Thermometer Used: _____ **Cooler Temp °C:** _____ (Recorded) _____ (Correction Factor) _____ (Actual)

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable

Triage Person: DG Date: 12/10/22

Chain of Custody relinquished	Yes ☑ No ☐
Sampler name & signature on COC	Yes ☑ No ☐
Short HT analyses (<72 hrs)	Yes ☐ No ☑

Login Person: DC Date: 12/10

Sufficient Volume received	Yes ☑ No ☐
Correct Container used	Yes ☑ No ☐
Container Intact	Yes ☑ No ☐
Sample pH Acceptable pH Strips:_____ Residual Chlorine Present Cl Strips:_____ Sulfide Present Lead Acetate Strips:_____	Yes ☐ No ☐ NA ☑ Yes ☐ No ☐ NA ☑ Yes ☐ No ☐ NA ☑
Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH)	Yes ☐ No ☐ NA ☑
Unpreserved 5035A soil frozen within 48 hrs	Yes ☐ No ☐ NA ☑
Headspace in VOA (>6mm)	Yes ☐ No ☑ NA ☐
Project sampled in USDA Regulated Area outside of Texas State Sampled:_____	Yes ☐ No ☐ NA ☑
Non-Conformance(s):	Yes ☐ No ☑

Labeling Person (if different than log-in): _____ Date: _____

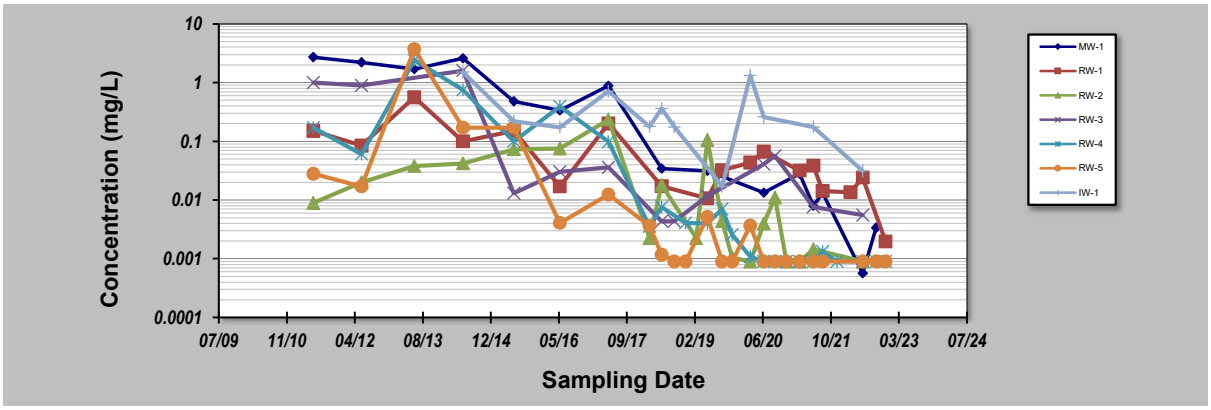
APPENDIX B

Mann-Kendall Trend Test

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	3-Feb-23	Job ID:	PAA12014
Facility Name:	Plains - Vacuum to Jal #3	Constituent:	Benzene
Conducted By:	WRG	Concentration Units:	mg/L

Sampling Point ID:	MW-1	RW-1	RW-2	RW-3	RW-4	RW-5	IW-1
Sampling Event	Sampling Date	BENZENE CONCENTRATION (mg/L)						
1	2-Jun-11	**2.7**	**0.15**	0.0089	**1**	**0.17**	**0.028**	
2	22-May-12	**2.2**	**0.084**	**0.020**	**0.89**	**0.06**	**0.017**	
3	13-Jun-13	**1.7**	**0.56**	**0.038**		**2.4**	**3.7**	
4	6-Jun-14	**2.6**	**0.1**	**0.042**	**1.6**	**0.75**	**0.17**	**1.5**
5	15-Jun-15	**0.48**	**0.15**	**0.073**	**0.013**	**0.1**	**0.17**	**0.22**
6	18-May-16	**0.336**	**0.017**	**0.0752**	**0.0302**	**0.389**	0.00405	**0.174**
7	10-May-17	**0.877**	**0.201**	**0.234**	**0.0358**	0.0982	**0.0123**	**0.712**
8	7-Mar-18			0.00223		0.00354	0.00364	**0.178**
9	5-Jun-18	**0.0344**	**0.0172**	**0.0181**	0.00434	0.00757	0.00117	**0.36**
10	6-Sep-18				0.00435		***0.0009***	**0.175**
11	28-Nov-18					0.00407	***0.0009***	
12	13-Feb-19			0.00223				
13	8-May-19	**0.0314**	**0.0107**	0.106	0.0117	***0.004***	0.00516	
14	22-Aug-19		**0.0324**	0.00435		0.00699	***0.0009***	**0.0171**
15	6-Nov-19			0.00105		0.00258	***0.0009***	
16	18-Mar-20		**0.0431**	***0.0009***		0.00108	0.00367	**1.32**
17	25-Jun-20	**0.0133**	**0.0663**	0.00396	0.0406	***0.0009***	***0.0009***	**0.26**
18	16-Sep-20			0.011	0.0561	***0.0009***	***0.0009***	
19	8-Dec-20			***0.0009***		***0.0009***	***0.0009***	
20	16-Mar-21	**0.0279**	**0.0318**	***0.0009***		***0.0009***	***0.0009***	
21	24-Jun-21	0.00798	**0.0383**	0.00145	0.00766	***0.0009***	***0.0009***	**0.175**
22	1-Sep-21	**0.0132**	**0.0143**			0.00133	***0.0009***	
23	15-Dec-21					***0.0009***		
24	24-Mar-22		**0.0135**					
25	22-Jun-22	0.000564	**0.0242**	***0.0009***	0.00554	***0.0009***	***0.0009***	**0.0313**
26	29-Sep-22	0.00338				***0.0009***	***0.0009***	
27	7-Dec-22		0.00196			***0.0009***	***0.0009***	
28								
29								
30								
Coefficient of Variation:		1.40	1.52	1.75	1.84	3.02	4.38	1.16
Mann-Kendall Statistic (S):		-91	-76	-85	-28	-198	-161	-21
Confidence Factor:		>99.9%	99.9%	99.8%	95.0%	>99.9%	>99.9%	91.3%
Concentration Trend:		Decreasing	Decreasing	Decreasing	Prob. Decreasing	Decreasing	Decreasing	Prob. Decreasing



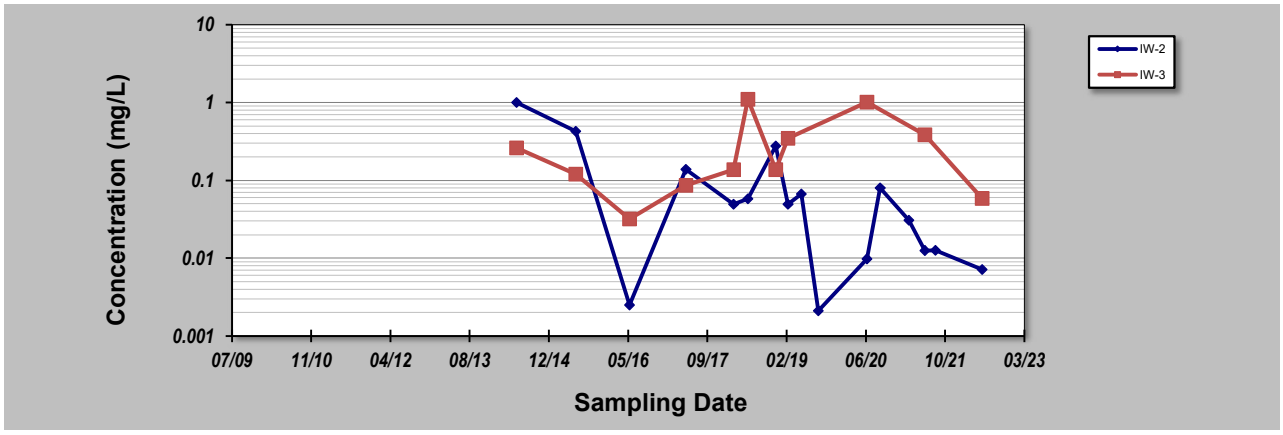
Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. 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.
3. 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.
4. All concentrations in milligrams per liter (mg/L)
5. Nondetectable concentrations were indicated at levels less than the MDL (i.e., <0.001, <0.005) and listed in bold red and italisized.

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	3-Feb-23	Job ID:	PAA12014
Facility Name:	Plains - Vacuum to Jal #3	Constituent:	Benzene
Conducted By:	WRG	Concentration Units:	mg/L

Sampling Point ID:	IW-2	IW-3					
Sampling Event	Sampling Date	BENZENE CONCENTRATION (mg/L)						
1	2-Jun-11							
2	22-May-12							
3	13-Jun-13							
4	6-Jun-14	**1**	**0.26**					
5	15-Jun-15	**0.43**	**0.12**					
6	18-May-16	0.0025	**0.0319**					
7	10-May-17	**0.138**	**0.0862**					
8	7-Mar-18	**0.0494**	**0.137**					
9	5-Jun-18	**0.0576**	**1.1**					
10	6-Sep-18							
11	28-Nov-18	**0.277**	**0.137**					
12	13-Feb-19	**0.0494**	**0.347**					
13	8-May-19	**0.0665**						
14	22-Aug-19	0.0021						
15	6-Nov-19							
16	18-Mar-20							
17	25-Jun-20	0.00983	**1.01**					
18	16-Sep-20	**0.0799**						
19	8-Dec-20							
20	16-Mar-21	**0.0306**						
21	25-Jun-21	**0.0125**	**0.386**					
22	1-Sep-21	**0.0126**						
23	15-Dec-21							
24	22-Jun-22	0.00717	**0.0584**					
25								
Coefficient of Variation:		1.85	1.12					
Mann-Kendall Statistic (S):		-51	12					
Confidence Factor:		98.9%	79.9%					
Concentration Trend:		Decreasing	No Trend					



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. 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.
3. 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.
4. All concentrations in milligrams per liter (mg/L)

APPENDIX C

2006-2022 Historical Monitor Well Survey Data and Groundwater Elevation

TABLE 2

2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.

Vacuum to Jal 14" Mainline #3

NMOCD NO. 1R-455

Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-1	01/04/18	3362.64	50.60	Sheen	48.53	Sheen	NA	Sheen	8.50	3314.11	
MW-1	01/10/18	3362.64	50.60	nd	48.36	nd	NA	NA	NA	3314.28	
MW-1	01/18/18	3362.64	50.60	nd	48.37	nd	NA	NA	NA	3314.27	
MW-1	01/25/18	3362.64	50.60	Sheen	48.30	Sheen	NA	NA	NA	3314.34	
MW-1	02/01/18	3362.64	50.60	Sheen	48.70	Sheen	NA	NA	NA	3313.94	
MW-1	02/14/18	3362.64	50.60	Sheen	48.16	Sheen	NA	NA	NA	3314.48	
MW-1	02/21/18	3362.64	50.60	Sheen	48.21	Sheen	NA	Sheen	10.00	3314.43	
MW-1	02/28/18	3362.64	50.60	Sheen	48.01	Sheen	NA	Sheen	10.00	3314.63	
MW-1	03/07/18	3362.64	50.60	48.26	48.28	0.02	NA	NA	NA	3314.38	
MW-1	03/15/18	3362.64	50.60	Sheen	48.00	Sheen	NA	Sheen	10.00	3314.64	
MW-1	03/22/18	3362.64	50.60	48.11	48.12	0.01	NA	NA	NA	3314.53	
MW-1	03/28/18	3362.64	50.60	Sheen	48.06	Sheen	NA	Sheen	10.00	3314.58	
MW-1	04/04/18	3362.64	50.60	Sheen	48.18	Sheen	NA	Sheen	10.00	3314.46	
MW-1	04/11/18	3362.64	50.60	Sheen	48.20	Sheen	NA	Sheen	10.00	3314.44	
MW-1	04/19/18	3362.64	50.60	Sheen	48.22	Sheen	NA	Sheen	10.00	3314.42	
MW-1	04/24/18	3362.64	50.60	Sheen	48.24	Sheen	NA	Sheen	10.00	3314.40	
MW-1	05/09/18	3362.64	50.60	Sheen	47.90	Sheen	NA	Sheen	10.00	3314.74	
MW-1	05/15/18	3362.64	50.60	Sheen	47.88	Sheen	NA	Sheen	10.00	3314.76	
MW-1	05/22/18	3362.64	50.60	Sheen	47.85	Sheen	NA	Sheen	10.00	3314.79	
MW-1	05/30/18	3362.64	50.60	Sheen	47.85	Sheen	NA	Sheen	10.00	3314.79	
MW-1	06/05/18	3362.64	50.60	Sheen	47.84	Sheen	NA	NA	NA	3314.80	
MW-1	06/13/18	3362.64	50.60	Sheen	47.87	Sheen	NA	Sheen	10.00	3314.77	
MW-1	06/19/18	3362.64	50.60	Sheen	47.85	Sheen	NA	Sheen	10.00	3314.79	
MW-1	06/29/18	3362.64	50.60	Sheen	47.88	Sheen	NA	Sheen	10.00	3314.76	
MW-1	07/05/18	3362.64	50.60	nd	47.88	nd	NA	Sheen	10.00	3314.76	
MW-1	07/11/18	3362.64	50.60	nd	47.90	nd	NA	NA	NA	3314.74	
MW-1	07/18/18	3362.64	50.60	nd	47.86	nd	NA	NA	NA	3314.78	
MW-1	07/26/18	3362.64	50.60	Sheen	47.82	Sheen	NA	Sheen	10.00	3314.82	
MW-1	07/31/18	3362.64	50.60	47.80	47.83	0.03	NA	Sheen	10.00	3314.84	
MW-1	08/07/18	3362.64	50.60	47.78	47.80	0.02	NA	Sheen	10.00	3314.86	
MW-1	08/14/18	3362.64	50.60	47.74	47.75	0.01	NA	Sheen	10.00	3314.90	
MW-1	08/21/18	3362.64	50.60	47.72	47.74	0.02	NA	Sheen	10.00	3314.92	
MW-1	08/30/18	3362.64	50.60	47.76	47.78	0.02	NA	Sheen	10.00	3314.88	
MW-1	09/06/18	3362.64	50.60	46.44	46.45	0.01	NA	Sheen	10.00	3316.20	
MW-1	09/26/18	3362.64	50.60	47.75	47.78	0.03	NA	Sheen	10.00	3314.89	
MW-1	10/03/18	3362.64	50.60	47.77	47.80	0.03	NA	Sheen	10.00	3314.87	

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-1	10/11/18	3362.64	50.60	47.74	47.75	0.01	NA	Sheen	10.00	3314.90	
MW-1	10/17/18	3362.64	50.60	47.21	47.22	0.01	NA	Sheen	10.00	3315.43	
MW-1	10/24/18	3362.64	50.60	47.70	47.71	0.01	NA	Sheen	10.00	3314.94	
MW-1	10/31/18	3362.64	50.60	nd	47.62	nd	NA	NA	NA	3315.02	
MW-1	11/06/18	3362.64	50.60	47.63	47.64	0.01	NA	Sheen	10.00	3315.01	
MW-1	11/13/18	3362.64	50.60	Sheen	47.67	Sheen	NA	Sheen	10.00	3314.97	
MW-1	11/21/18	3362.64	50.60	47.62	47.64	0.02	NA	Sheen	10.00	3315.02	
MW-1	11/28/18	3362.64	50.60	47.51	47.52	0.01	NA	Sheen	10.00	3315.13	
MW-1	12/07/18	3362.64	50.60	47.48	47.50	0.02	NA	Sheen	10.00	3315.16	
MW-1	12/12/18	3362.64	50.60	47.50	47.51	0.01	NA	Sheen	10.00	3315.14	
MW-1	12/18/18	3362.64	50.60	Sheen	47.52	Sheen	NA	Sheen	10.00	3315.12	
MW-1	01/03/19	3362.64	50.60	ND	47.52	ND	NA	NA	NA	3315.12	
MW-1	01/08/19	3362.64	50.60	Sheen	47.58	Sheen	NA	Sheen	10.00	3315.06	
MW-1	01/17/19	3362.64	50.60	Sheen	47.48	Sheen	NA	NA	10.00	3315.16	
MW-1	01/22/19	3362.64	50.60	Sheen	47.55	Sheen	NA	Sheen	10.00	3315.09	
MW-1	01/29/19	3362.64	50.60	47.50	47.51	0.01	NA	Sheen	10.00	3315.14	
MW-1	02/05/19	3362.64	50.60	47.55	47.57	0.02	NA	Sheen	10.00	3315.09	
MW-1	02/13/19	3362.64	50.60	47.42	47.45	0.03	NA	Sheen	10.00	3315.22	
MW-1	02/22/19	3362.64	50.60	47.44	47.45	0.01	NA	Sheen	10.00	3315.20	
MW-1	02/27/19	3362.64	50.60	47.52	47.55	0.03	NA	Sheen	10.00	3315.12	
MW-1	03/06/19	3362.64	50.60	47.58	47.59	0.01	NA	Sheen	10.00	3315.06	
MW-1	03/12/19	3362.64	50.60	47.60	47.62	0.02	NA	Sheen	10.00	3315.04	
MW-1	03/22/19	3362.64	50.60	47.62	47.64	0.02	NA	Sheen	10.00	3315.02	
MW-1	03/28/19	3362.64	50.60	47.57	47.62	0.05	NA	Sheen	10.00	3315.06	
MW-1	04/02/19	3362.64	50.60	47.30	47.31	0.01	NA	Sheen	10.00	3315.34	
MW-1	04/10/19	3362.64	50.60	47.20	47.23	0.03	NA	NA	10.00	3315.44	
MW-1	04/16/19	3362.64	50.60	47.25	47.27	0.02	NA	Sheen	10.00	3315.39	
MW-1	04/24/19	3362.64	50.60	47.27	47.28	0.01	NA	Sheen	10.00	3315.37	
MW-1	05/01/19	3362.64	50.60	47.02	47.03	0.01	NA	NA	10.00	3315.62	
MW-1	05/09/19	3362.64	50.60	47.40	47.41	0.01	NA	Sheen	10.00	3315.24	
MW-1	05/17/19	3362.64	50.60	47.45	47.46	0.01	NA	Sheen	10.00	3315.19	
MW-1	05/24/19	3362.64	50.60	Sheen	47.50	Sheen	NA	NA	10.00	3315.14	
MW-1	06/05/19	3362.64	50.60	nd	47.54	nd	NA	NA	10.00	3315.10	
MW-1	06/14/19	3362.64	50.60	46.28	46.32	0.04	NA	Sheen	10.00	3316.35	
MW-1	06/20/19	3362.64	50.60	47.57	47.58	0.01	NA	NA	10.00	3315.07	
MW-1	06/25/19	3362.64	50.60	47.30	47.34	0.04	NA	Sheen	10.00	3315.33	

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-1	07/02/19	3362.64	50.60	47.30	47.36	0.06	NA	Sheen	10.00	3315.33	
MW-1	07/10/19	3362.64	50.60	47.25	47.28	0.03	NA	Sheen	10.00	3315.39	
MW-1	07/26/19	3362.64	50.60	47.32	47.35	0.03	NA	Sheen	10.00	3315.32	
MW-1	08/11/19	3362.64	50.60	47.35	47.39	0.04	NA	Sheen	10.00	3315.28	
MW-1	08/14/19	3362.64	50.60	47.42	47.48	0.06	NA	Sheen	10.00	3315.21	
MW-1	08/21/19	3362.64	50.60	47.36	47.37	0.01	NA	Sheen	10.00	3315.28	
MW-1	09/06/19	3362.64	50.60	47.45	47.50	0.05	NA	Sheen	10.00	3315.18	
MW-1	09/12/19	3362.64	50.60	47.42	47.45	0.03	NA	Sheen	10.00	3315.22	
MW-1	09/19/19	3362.64	50.60	47.38	47.41	0.03	NA	Sheen	10.00	3315.26	
MW-1	10/08/19	3362.64	50.60	Sheen	47.43	Sheen	NA	Sheen	10.00	3315.21	
MW-1	10/16/19	3362.64	50.60	Sheen	47.45	Sheen	NA	Sheen	10.00	3315.19	
MW-1	10/23/19	3362.64	50.60	41.35	41.38	0.03	NA	Sheen	10.00	3321.29	
MW-1	10/31/19	3362.64	50.60	47.42	47.45	0.03	NA	Sheen	10.00	3315.22	
MW-1	11/05/19	3362.64	50.60	47.42	47.43	0.01	NA	sheen	10.00	3315.22	
MW-1	11/14/19	3362.64	50.60	47.40	47.42	0.02	NA	Sheen	10.00	3315.24	
MW-1	11/26/19	3362.64	50.60	47.24	47.28	0.04	NA	Sheen	10.00	3315.39	
MW-1	12/04/19	3362.64	50.60	47.31	47.38	0.07	NA	Sheen	10.00	3315.32	
MW-1	12/13/19	3362.64	50.60	47.25	47.50	0.25	NA	Sheen	10.00	3315.35	
MW-1	12/20/19	3362.64	50.60	47.27	47.70	0.43	NA	Sheen	10.00	3315.31	
MW-1	12/26/19	3362.64	50.60	47.28	47.31	0.03	NA	Sheen	10.00	3315.36	
MW-1	01/02/20	3362.64	50.60	47.28	47.29	0.01	NA	Sheen	10.00	3315.36	
MW-1	01/09/20	3362.64	50.60	47.20	47.26	0.06	NA	Sheen	10.00	3315.43	
MW-1	01/14/20	3362.64	50.60	47.21	47.30	0.09	NA	Sheen	10.00	3315.42	
MW-1	01/30/20	3362.64	50.60	Sheen	47.21	Sheen	NA	NA	NA	3315.43	
MW-1	02/07/20	3362.64	50.60	47.17	47.19	0.02	NA	Sheen	10.00	3315.47	
MW-1	02/12/20	3362.64	50.60	47.12	47.15	0.03	NA	Sheen	10.00	3315.52	
MW-1	02/19/20	3362.64	50.60	47.13	47.15	0.02	NA	Sheen	10.00	3315.51	
MW-1	02/26/20	3362.64	50.60	47.25	47.27	0.02	NA	sheen	10.00	3315.39	
MW-1	03/05/20	3362.64	50.60	47.23	47.28	0.05	NA	Sheen	10.00	3315.40	
MW-1	03/11/20	3362.64	50.60	Sheen	47.13	Sheen	NA	Sheen	10.00	3315.51	
MW-1	03/17/20	3362.64	50.60	47.14	47.15	0.01	NA	Sheen	10.00	3315.50	
MW-1	03/23/20	3362.64	50.60	Sheen	47.15	Sheen	NA	Sheen	10.00	3315.49	
MW-1	05/07/20	3362.64	50.60	47.15	47.19	0.04	NA	Sheen	10.00	3315.48	
MW-1	05/20/20	3362.64	50.60	46.23	46.94	0.71	NA	0.50	9.50	3316.30	
MW-1	06/03/20	3362.64	50.60	Sheen	46.91	Sheen	NA	Sheen	10.00	3315.73	
MW-1	06/24/20	3362.64	50.60	Sheen	47.07	Sheen	NA	Sheen	10.00	3315.57	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-1	07/01/20	3362.64	50.60	nd	47.00	nd	NA	Sheen	10.00	3315.64	
MW-1	07/14/20	3362.64	50.60	Sheen	47.06	Sheen	NA	Sheen	10.00	3315.58	
MW-1	07/29/20	3362.64	50.60	Sheen	47.04	Sheen	NA	Sheen	10.00	3315.60	
MW-1	08/13/20	3362.64	50.60	Sheen	47.08	Sheen	NA	Sheen	10.00	3315.56	
MW-1	08/25/20	3362.64	50.60	Sheen	47.10	Sheen	NA	Sheen	10.00	3315.54	
MW-1	09/16/20	3362.64	50.60	47.21	47.23	0.02	NA	Sheen	10.00	3315.43	
MW-1	09/24/20	3362.64	50.60	47.15	47.18	0.03	NA	Sheen	10.00	3315.49	
MW-1	10/29/20	3362.64	50.60	Sheen	47.22	Sheen	NA	Sheen	10.00	3315.42	
MW-1	11/10/20	3362.64	50.60	Sheen	47.25	Sheen	NA	Sheen	10.00	3315.39	
MW-1	11/24/20	3362.64	50.60	Sheen	47.12	Sheen	NA	Sheen	10.00	3315.52	
MW-1	12/08/20	3362.64	50.60	47.13	47.15	0.02	NA	Sheen	10.00	3315.51	
MW-1	12/22/20	3362.64	50.60	46.80	46.88	0.08	NA	0.25	9.75	3315.83	
MW-1	01/05/21	3362.64	50.60	Sheen	47.08	Sheen	NA	Sheen	15.00	3315.56	
MW-1	01/19/21	3362.64	50.60	Sheen	47.16	Sheen	NA	Sheen	10.00	3315.48	
MW-1	02/02/21	3362.64	50.60	Sheen	47.02	Sheen	NA	Sheen	10.00	3315.62	
MW-1	02/10/21	3362.64	50.60	ND	47.08	ND	NA	Sheen	10.00	3315.56	
MW-1	02/25/21	3362.64	50.60	ND	47.03	ND	NA	Sheen	10.00	3315.61	
MW-1	03/02/21	3362.64	50.60	ND	46.98	ND	NA	Sheen	20.00	3315.66	
MW-1	03/16/21	3362.64	50.60	Sheen	46.88	Sheen	NA	Sheen	10.00	3315.76	Sampled
MW-1	03/31/21	3362.64	50.60	47.10	47.12	0.02	NA	Sheen	10.00	3315.54	
MW-1	04/16/21	3362.64	50.60	Sheen	46.98	Sheen	NA	Sheen	10.00	3315.66	
MW-1	04/26/21	3362.64	50.60	Sheen	46.90	Sheen	NA	Sheen	10.00	3315.74	
MW-1	05/14/21	3362.64	50.60	Sheen	46.82	Sheen	NA	Sheen	10.00	3315.82	
MW-1	05/27/21	3362.64	50.60	ND	43.42	ND	NA	ND	10.00	3319.22	
MW-1	06/11/21	3362.64	50.60	ND	46.87	ND	NA	ND	10.00	3315.77	
MW-1	06/24/21	3362.64	50.60	ND	46.92	ND	NA	ND	10.00	3315.72	
MW-1	07/08/21	3362.64	50.60	ND	46.82	ND	NA	ND	10.00	3315.82	
MW-1	07/23/21	3362.64	50.60	ND	47.02	ND	NA	ND	10.00	3315.62	
MW-1	08/13/21	3362.64	50.60	ND	46.78	ND	NA	ND	10.00	3315.86	
MW-1	08/26/21	3362.64	50.60	Sheen	47.06	Sheen	NA	ND	10.00	3315.58	
MW-1	08/31/21	3362.64	50.60	Sheen	47.01	Sheen	NA	ND	10.00	3315.63	
MW-1	09/10/21	3362.64	50.60	Sheen	47.05	Sheen	NA	ND	10.00	3315.59	
MW-1	09/30/21	3362.64	50.60	Sheen	47.05	Sheen	NA	NA	NA	3315.59	
MW-1	10/07/21	3362.64	50.60	Sheen	47.05	Sheen	NA	Sheen	10.00	3315.59	
MW-1	10/21/21	3362.64	50.60	Sheen	47.12	Sheen	NA	Sheen	10.00	3315.52	
MW-1	10/27/21	3362.64	50.60	Sheen	47.01	Sheen	NA	Sheen	10.00	3315.63	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-1	11/04/21	3362.64	50.60	Sheen	47.01	Sheen	NA	Sheen	10.00	3315.63	
MW-1	11/17/21	3362.64	50.60	47.00	47.02	0.02	NA	0.25	9.75	3315.64	
MW-1	12/03/21	3362.64	50.60	46.92	46.94	0.02	NA	0.25	9.75	3315.72	
MW-1	12/14/21	3362.64	50.60	47.05	47.07	0.02	NA	0.25	9.75	3315.59	
MW-1	12/31/21	3362.64	50.60	46.89	46.91	0.02	NA	Sheen	9.75	3315.75	
MW-1	01/27/22	3362.64	50.60	Sheen	46.99	Sheen	NA	NA	10.00	3315.65	
MW-1	02/10/22	3362.64	50.60	Sheen	46.89	Sheen	NA	Sheen	10.00	3315.75	
MW-1	02/25/22	3362.64	50.60	ND	46.91	ND	NA	Sheen	10.00	3315.73	
MW-1	03/23/22	3362.64	50.60	46.95	46.96	0.01	NA	Sheen	10.00	3315.69	
MW-1	03/31/22	3362.64	50.60	ND	46.78	ND	NA	Sheen	10.00	3315.86	
MW-1	04/05/22	3362.64	50.60	Sheen	47.00	Sheen	NA	0.25	9.75	3315.64	
MW-1	04/13/22	3362.64	50.60	46.98	46.99	0.01	NA	0.25	9.75	3315.66	
MW-1	04/28/22	3362.64	50.60	ND	46.85	ND	NA	ND	10.00	3315.79	
MW-1	05/12/22	3362.64	50.60	ND	46.90	ND	NA	ND	10.00	3315.74	
MW-1	05/24/22	3362.64	50.60	Sheen	46.88	Sheen	NA	Sheen	10.00	3315.76	
MW-1	06/17/22	3362.64	50.60	47.02	47.08	0.06	NA	Sheen	10.00	3315.61	
MW-1	07/21/22	3362.64	50.60	Sheen	47.03	Sheen	NA	Sheen	10.00	3315.61	
MW-1	08/18/22	3362.64	50.60	Sheen	47.21	Sheen	NA	Sheen	10.00	3315.43	
MW-1	09/21/22	3362.64	50.60	Sheen	47.23	Sheen	NA	0.25	9.75	3315.41	Sampled
MW-1	09/28/22	3362.64	50.60	ND	47.25	ND	NA	Sheen	10.00	3315.39	
MW-1	10/07/22	3362.64	50.60	Sheen	47.30	Sheen	NA	Sheen	10.00	3315.34	
MW-1	10/19/22	3362.64	50.60	Sheen	47.32	Sheen	NA	Sheen	10.00	3315.32	
MW-1	11/15/22	3362.64	50.60	ND	47.22	ND	NA	Sheen	10.00	3315.42	
MW-1	12/06/22	3362.64	50.60	47.14	47.15	0.01	NA	Sheen	10.00	3315.50	
MW-1	12/29/22	3362.64	50.60	ND	47.18	ND	NA	Sheen	10.00	3315.46	
MW-2	03/07/18	3367.00	56.11	ND	45.81	ND	NA	NA	NA	3321.19	Sampled
MW-2	06/05/18	3367.00	56.11	ND	45.49	ND	NA	NA	NA	3321.51	Sampled
MW-2	09/06/18	3367.00	56.11	ND	45.52	ND	NA	NA	NA	3321.48	Sampled
MW-2	11/28/18	3367.00	56.11	ND	45.20	ND	NA	NA	NA	3321.80	Sampled
MW-2	02/12/19	3367.00	56.11	ND	45.16	ND	NA	NA	NA	3321.84	Sampled
MW-2	05/09/19	3367.00	56.11	ND	45.09	ND	NA	NA	NA	3321.91	Sampled
MW-2	08/21/19	3367.00	56.11	ND	45.09	ND	NA	NA	NA	3321.91	Sampled
MW-2	11/05/19	3367.00	56.11	ND	45.16	ND	NA	NA	NA	3321.84	Sampled
MW-2	03/17/20	3367.00	56.11	ND	44.84	ND	NA	NA	NA	3322.16	Sampled
MW-2	06/24/20	3367.00	56.11	ND	44.82	ND	NA	NA	NA	3322.18	Sampled

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-2	09/16/20	3367.00	56.11	ND	44.94	ND	NA	NA	NA	3322.06	Sampled
MW-2	12/08/20	3367.00	56.11	ND	43.20	ND	NA	NA	NA	3323.80	Sampled
MW-2	03/16/21	3367.00	56.11	ND	44.65	ND	NA	NA	NA	3322.35	Sampled
MW-2	06/24/21	3367.00	56.11	ND	44.68	ND	NA	NA	NA	3322.32	Sampled
MW-2	08/31/21	3367.00	56.11	ND	44.75	ND	NA	NA	NA	3322.25	Sampled
MW-2	12/14/21	3367.00	56.11	ND	44.78	ND	NA	NA	NA	3322.22	Sampled
MW-2	03/23/22	3367.00	56.11	ND	44.64	ND	NA	NA	NA	3322.36	Sampled
MW-2	06/22/22	3367.00	56.11	ND	44.81	ND	NA	NA	NA	3322.19	Sampled
MW-2	09/28/22	3367.00	56.11	ND	45.00	ND	NA	NA	NA	3322.00	Sampled
MW-2	12/06/22	3367.00	56.11	ND	44.87	ND	NA	NA	NA	3322.13	Sampled
MW-3	1/4/2018	3369.1	55.00	ND	47.92	ND	NA	NA	NA	3321.18	
MW-3	1/10/2018	3369.1	55.00	ND	47.78	ND	NA	NA	NA	3321.32	
MW-3	1/18/2018	3369.1	55.00	ND	47.36	ND	NA	NA	NA	3321.74	
MW-3	1/25/2018	3369.1	55.00	ND	47.71	ND	NA	NA	NA	3321.39	
MW-3	2/1/2018	3369.1	55.00	ND	47.4	ND	NA	NA	NA	3321.70	
MW-3	2/14/2018	3369.1	55.00	ND	47.57	ND	NA	NA	NA	3321.53	
MW-3	2/21/2018	3369.1	55.00	ND	47.65	ND	NA	NA	NA	3321.45	
MW-3	2/28/2018	3369.1	55.00	ND	47.38	ND	NA	NA	NA	3321.72	
MW-3	3/7/2018	3369.1	55.00	ND	47.57	ND	NA	NA	NA	3321.53	Sampled
MW-3	3/15/2018	3369.1	55.00	ND	47.65	ND	NA	NA	NA	3321.45	
MW-3	3/22/2018	3369.1	55.00	ND	47.53	ND	NA	NA	NA	3321.57	
MW-3	3/28/2018	3369.1	55.00	ND	47.47	ND	NA	NA	10	3321.63	
MW-3	4/4/2018	3369.1	55.00	ND	47.56	ND	NA	NA	10	3321.54	
MW-3	4/11/2018	3369.1	55.00	ND	47.6	ND	NA	NA	NA	3321.50	
MW-3	4/19/2018	3369.1	55.00	ND	47.64	ND	NA	NA	NA	3321.46	
MW-3	4/24/2018	3369.1	55.00	ND	47.65	ND	NA	NA	NA	3321.45	
MW-3	5/9/2018	3369.1	55.00	ND	47.33	ND	NA	NA	NA	3321.77	
MW-3	5/15/2018	3369.1	55.00	ND	47.31	ND	NA	NA	NA	3321.79	
MW-3	5/22/2018	3369.1	55.00	ND	47.31	ND	NA	NA	NA	3321.79	
MW-3	5/30/2018	3369.1	55.00	ND	47.26	ND	NA	NA	NA	3321.84	
MW-3	6/5/2018	3369.1	55.00	ND	47.25	ND	NA	NA	NA	3321.85	
MW-3	6/13/2018	3369.1	55.00	ND	47.28	ND	NA	NA	NA	3321.82	
MW-3	6/19/2018	3369.1	55.00	ND	47.30	ND	NA	NA	NA	3321.80	
MW-3	6/29/2018	3369.1	55.00	ND	47.28	ND	NA	NA	NA	3321.82	
MW-3	7/5/2018	3369.1	55.00	ND	47.29	ND	NA	NA	NA	3321.81	

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								PSH	H_2O		
MW-3	7/11/2018	3369.1	55.00	ND	47.31	ND	NA	NA	NA	3321.79	
MW-3	7/18/2018	3369.1	55.00	ND	47.26	ND	NA	NA	NA	3321.84	
MW-3	7/26/2018	3369.1	55.00	ND	47.24	ND	NA	NA	NA	3321.86	
MW-3	7/31/2018	3369.1	55.00	ND	47.22	ND	NA	NA	NA	3321.88	
MW-3	8/7/2018	3369.1	55.00	ND	47.21	ND	NA	NA	NA	3321.89	
MW-3	8/14/2018	3369.1	55.00	ND	47.17	ND	NA	NA	NA	3321.93	
MW-3	8/21/2018	3369.1	55.00	ND	47.15	ND	NA	NA	NA	3321.95	
MW-3	8/30/2018	3369.1	55.00	ND	47.21	ND	NA	NA	NA	3321.89	
MW-3	9/6/2018	3369.1	55.00	ND	47.26	ND	NA	NA	NA	3321.84	Sampled
MW-3	9/26/2018	3369.1	55.00	ND	47.20	ND	NA	NA	NA	3321.90	
MW-3	10/3/2018	3369.1	55.00	ND	47.20	ND	NA	NA	NA	3321.90	
MW-3	10/11/2018	3369.1	55.00	ND	47.18	ND	NA	NA	NA	3321.92	
MW-3	10/17/2018	3369.1	55.00	ND	46.72	ND	NA	NA	NA	3322.38	
MW-3	10/24/2018	3369.1	55.00	ND	47.11	ND	NA	NA	NA	3321.99	
MW-3	10/31/2018	3369.1	55.00	ND	47.12	ND	NA	NA	NA	3321.98	
MW-3	11/6/2018	3369.1	55.00	ND	47.15	ND	NA	NA	NA	3321.95	
MW-3	11/13/2018	3369.1	55.00	ND	47.18	ND	NA	NA	NA	3321.92	
MW-3	11/21/2018	3369.1	55.00	ND	47.06	ND	NA	NA	NA	3322.04	
MW-3	11/28/2018	3369.1	55.00	ND	46.96	ND	NA	NA	NA	3322.14	Sampled
MW-3	12/7/2018	3369.1	55.00	ND	46.94	ND	NA	NA	NA	3322.16	
MW-3	12/12/2018	3369.1	55.00	ND	46.95	ND	NA	NA	NA	3322.15	
MW-3	12/18/2018	3369.1	55.00	ND	46.90	ND	NA	NA	NA	3322.20	
MW-3	1/3/2019	3369.1	55.00	ND	46.90	ND	NA	NA	NA	3322.20	
MW-3	1/8/2019	3369.1	55.00	ND	46.92	ND	NA	NA	NA	3322.18	
MW-3	1/17/2019	3369.1	55.00	ND	46.89	ND	NA	NA	NA	3322.21	
MW-3	1/22/2019	3369.1	55.00	ND	46.95	ND	NA	NA	NA	3322.15	
MW-3	1/29/2019	3369.1	55.00	ND	46.92	ND	NA	NA	NA	3322.18	
MW-3	2/5/2019	3369.1	55.00	ND	46.95	ND	NA	NA	NA	3322.15	
MW-3	2/12/2019	3369.1	55.00	ND	46.88	ND	NA	NA	NA	3322.22	Sampled
MW-3	2/22/2019	3369.1	55.00	ND	46.85	ND	NA	NA	NA	3322.25	
MW-3	2/27/2019	3369.1	55.00	ND	46.94	ND	NA	NA	NA	3322.16	
MW-3	3/6/2019	3369.1	55.00	ND	46.96	ND	NA	NA	NA	3322.14	
MW-3	3/12/2019	3369.1	55.00	ND	46.97	ND	NA	NA	NA	3322.13	
MW-3	3/22/2019	3369.1	55.00	ND	46.98	ND	NA	NA	NA	3322.12	
MW-3	3/28/2019	3369.1	55.00	ND	46.81	ND	NA	NA	NA	3322.29	
MW-3	4/2/2019	3369.1	55.00	ND	46.62	ND	NA	NA	NA	3322.48	

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-3	4/10/2019	3369.1	55.00	ND	46.63	ND	NA	NA	NA	3322.47	
MW-3	4/16/2019	3369.1	55.00	ND	46.64	ND	NA	NA	NA	3322.46	
MW-3	4/24/2019	3369.1	55.00	ND	46.65	ND	NA	NA	NA	3322.45	
MW-3	5/1/2019	3369.1	55.00	ND	46.60	ND	NA	NA	NA	3322.50	
MW-3	5/9/2019	3369.1	55.00	ND	46.83	ND	NA	NA	NA	3322.27	Sampled
MW-3	5/17/2019	3369.1	55.00	ND	46.84	ND	NA	NA	NA	3322.26	
MW-3	5/24/2019	3369.1	55.00	ND	46.85	ND	NA	NA	NA	3322.25	
MW-3	6/5/2019	3369.1	55.00	ND	46.86	ND	NA	NA	NA	3322.24	
MW-3	6/14/2019	3369.1	55.00	ND	46.70	ND	NA	NA	NA	3322.40	
MW-3	6/20/2019	3369.1	55.00	ND	43.26	ND	NA	NA	NA	3325.84	
MW-3	6/25/2019	3369.1	55.00	ND	46.72	ND	NA	NA	NA	3322.38	
MW-3	7/2/2019	3369.1	55.00	ND	46.12	ND	NA	NA	NA	3322.98	
MW-3	7/10/2019	3369.1	55.00	ND	46.70	ND	NA	NA	NA	3322.40	
MW-3	7/26/2019	3369.1	55.00	ND	46.76	ND	NA	NA	NA	3322.34	
MW-3	8/11/2019	3369.1	55.00	ND	46.81	ND	NA	NA	10	3322.29	
MW-3	8/14/2019	3369.1	55.00	ND	46.88	ND	NA	NA	NA	3322.22	
MW-3	8/21/2019	3369.1	55.00	ND	46.81	ND	NA	NA	NA	3322.29	
MW-3	9/6/2019	3369.1	55.00	ND	46.86	ND	NA	NA	NA	3322.24	
MW-3	09/12/19	3369.1	55.00	ND	46.88	ND	NA	NA	NA	3322.22	
MW-3	09/19/19	3369.1	55.00	ND	46.82	ND	NA	NA	NA	3322.28	
MW-3	10/08/19	3369.1	55.00	ND	46.88	ND	NA	NA	NA	3322.22	
MW-3	10/16/19	3369.1	55.00	ND	46.93	ND	NA	NA	NA	3322.17	
MW-3	10/23/19	3369.1	55.00	ND	46.82	ND	NA	NA	NA	3322.28	
MW-3	10/31/19	3369.1	55.00	ND	46.88	ND	NA	NA	NA	3322.22	
MW-3	11/05/19	3369.1	55.00	ND	46.88	ND	NA	NA	NA	3322.22	Sampled
MW-3	11/14/19	3369.1	55.00	ND	46.89	ND	NA	NA	NA	3322.21	
MW-3	11/26/19	3369.1	55.00	ND	46.70	ND	NA	NA	NA	3322.40	
MW-3	12/04/19	3369.1	55.00	ND	46.76	ND	NA	NA	NA	3322.34	
MW-3	12/13/19	3369.1	55.00	ND	46.70	ND	NA	NA	NA	3322.40	
MW-3	12/20/19	3369.1	55.00	ND	46.73	ND	NA	NA	NA	3322.37	
MW-3	12/26/19	3369.1	55.00	ND	46.73	ND	NA	NA	NA	3322.37	
MW-3	01/02/20	3369.1	55.00	ND	46.79	ND	NA	NA	NA	3322.31	
MW-3	01/09/20	3369.1	55.00	ND	46.66	ND	NA	NA	NA	3322.44	
MW-3	01/14/20	3369.1	55.00	ND	46.70	ND	NA	NA	NA	3322.40	
MW-3	01/30/20	3369.1	55.00	ND	46.64	ND	NA	NA	NA	3322.46	
MW-3	02/07/20	3369.1	55.00	46.63	46.65	0.02	NA	sheen	10	3322.47	

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-3	02/12/20	3369.1	55.00	ND	46.59	ND	NA	NA	NA	3322.51	
MW-3	02/19/20	3369.1	55.00	ND	46.61	ND	NA	NA	NA	3322.49	
MW-3	02/26/20	3369.1	55.00	ND	46.71	ND	NA	NA	NA	3322.39	
MW-3	03/05/20	3369.1	55.00	ND	46.78	ND	NA	NA	NA	3322.32	
MW-3	03/11/20	3369.1	55.00	ND	46.58	ND	NA	NA	NA	3322.52	
MW-3	03/17/20	3369.1	55.00	sheen	46.56	sheen	NA	NA	NA	3322.54	Sampled
MW-3	03/23/20	3369.1	55.00	ND	46.58	ND	NA	NA	NA	3322.52	
MW-3	05/07/20	3369.1	55.00	ND	46.34	ND	NA	NA	NA	3322.76	
MW-3	05/20/20	3369.1	55.00	ND	46.39	ND	NA	NA	NA	3322.71	
MW-3	06/03/20	3369.1	55.00	ND	46.40	ND	NA	NA	NA	3322.70	
MW-3	06/24/20	3369.1	55.00	ND	46.55	ND	NA	NA	NA	3322.55	
MW-3	07/01/20	3369.1	55.00	ND	46.46	ND	NA	NA	NA	3322.64	
MW-3	07/14/20	3369.1	55.00	ND	46.46	ND	NA	NA	NA	3322.64	
MW-3	07/29/20	3369.1	55.00	ND	46.50	ND	NA	NA	NA	3322.60	
MW-3	08/13/20	3369.1	55.00	ND	46.55	ND	NA	NA	NA	3322.55	
MW-3	08/25/20	3369.1	55.00	ND	46.57	ND	NA	NA	NA	3322.53	
MW-3	09/16/20	3369.1	55.00	ND	46.64	ND	NA	NA	NA	3322.46	
MW-3	09/24/20	3369.1	55.00	ND	46.57	ND	NA	NA	NA	3322.53	
MW-3	10/29/20	3369.1	55.00	ND	46.70	ND	NA	NA	NA	3322.40	
MW-3	11/10/20	3369.1	55.00	ND	46.72	ND	NA	NA	NA	3322.38	
MW-3	11/24/20	3369.1	55.00	ND	46.59	ND	NA	NA	NA	3322.51	
MW-3	12/08/20	3369.1	55.00	ND	46.63	ND	NA	NA	NA	3322.47	
MW-3	12/22/20	3369.1	55.00	ND	46.52	ND	NA	NA	NA	3322.58	
MW-3	01/05/21	3369.1	55.00	ND	46.53	ND	NA	NA	15	3322.57	
MW-3	01/19/21	3369.1	55.00	ND	46.61	ND	NA	NA	NA	3322.49	
MW-3	02/02/21	3369.1	55.00	ND	46.48	ND	NA	NA	NA	3322.62	
MW-3	02/10/21	3369.1	55.00	ND	46.41	ND	NA	NA	NA	3322.69	
MW-3	02/25/21	3369.1	55.00	ND	46.50	ND	NA	NA	NA	3322.60	
MW-3	03/02/21	3369.1	55.00	ND	46.45	ND	NA	NA	NA	3322.65	
MW-3	03/16/21	3369.1	55.00	ND	46.35	ND	NA	NA	NA	3322.75	
MW-3	03/31/21	3369.1	55.00	ND	46.58	ND	NA	NA	NA	3322.52	
MW-3	04/16/21	3369.1	55.00	ND	46.42	ND	NA	NA	NA	3322.68	
MW-3	04/26/21	3369.1	55.00	ND	46.36	ND	NA	NA	NA	3322.74	
MW-3	05/14/21	3369.1	55.00	ND	46.41	ND	NA	NA	NA	3322.69	
MW-3	05/27/21	3369.1	55.00	ND	46.35	ND	NA	NA	NA	3322.75	
MW-3	06/11/21	3369.1	55.00	ND	46.33	ND	NA	NA	NA	3322.77	
MW-3	06/24/21	3369.1	55.00	ND	46.28	ND	NA	NA	NA	3322.82	

TABLE 2
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Plains Marketing, L.P.
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-3	07/08/21	3369.1	55.00	ND	46.38	ND	NA	NA	NA	3322.72	
MW-3	07/23/21	3369.1	55.00	ND	46.31	ND	NA	NA	NA	3322.79	
MW-3	08/13/21	3369.1	55.00	ND	46.31	ND	NA	NA	NA	3322.79	
MW-3	08/26/21	3369.1	55.00	ND	46.52	ND	NA	NA	NA	3322.58	
MW-3	08/31/21	3369.1	55.00	ND	46.46	ND	NA	NA	NA	3322.64	
MW-3	09/10/21	3369.1	55.00	ND	46.52	ND	NA	NA	NA	3322.58	
MW-3	09/30/21	3369.1	55.00	ND	46.49	ND	NA	NA	NA	3322.61	
MW-3	10/07/21	3369.1	55.00	ND	46.50	ND	NA	NA	NA	3322.60	
MW-3	10/21/21	3369.1	55.00	ND	46.53	ND	NA	NA	NA	3322.57	
MW-3	10/27/21	3369.1	55.00	ND	46.43	ND	NA	NA	NA	3322.67	
MW-3	11/04/21	3369.1	55.00	ND	46.55	ND	NA	NA	NA	3322.55	
MW-3	11/17/21	3369.1	55.00	ND	46.55	ND	NA	NA	NA	3322.55	
MW-3	12/03/21	3369.1	55.00	ND	46.42	ND	NA	NA	NA	3322.68	
MW-3	12/14/21	3369.1	55.00	ND	46.50	ND	NA	NA	NA	3322.60	
MW-3	12/31/21	3369.1	55.00	ND	47.81	ND	NA	NA	10	3321.29	
MW-3	01/27/22	3369.1	55.00	ND	46.41	ND	NA	NA	NA	3322.69	
MW-3	02/10/22	3369.1	55.00	ND	45.36	ND	NA	NA	NA	3323.74	
MW-3	02/25/22	3369.1	55.00	ND	46.38	ND	NA	NA	NA	3322.72	
MW-3	03/23/22	3369.1	55.00	ND	46.39	ND	NA	NA	NA	3322.71	
MW-3	03/31/22	3369.1	55.00	ND	46.25	ND	NA	NA	NA	3322.85	
MW-3	04/05/22	3369.1	55.00	ND	46.42	ND	NA	NA	NA	3322.68	
MW-3	04/13/22	3369.1	55.00	ND	46.40	ND	NA	NA	NA	3322.70	
MW-3	04/28/22	3369.1	55.00	ND	46.31	ND	NA	NA	NA	3322.79	
MW-3	05/12/22	3369.1	55.00	ND	46.38	ND	NA	NA	NA	3322.72	
MW-3	05/24/22	3369.1	55.00	ND	46.38	ND	NA	NA	NA	3322.72	
MW-3	06/17/22	3369.1	55.00	ND	46.35	ND	NA	NA	NA	3322.75	Sampled
MW-3	06/22/22	3369.1	55.00	ND	46.35	ND	NA	NA	NA	3322.75	
MW-3	07/21/22	3369.1	55.00	ND	46.54	ND	NA	NA	NA	3322.56	
MW-3	08/18/22	3369.1	55.00	ND	46.63	ND	NA	NA	NA	3322.47	
MW-3	09/21/22	3369.1	55.00	ND	46.72	ND	NA	NA	NA	3322.38	
MW-3	09/28/22	3369.1	55.00	ND	46.70	ND	NA	NA	NA	3322.40	Sampled
MW-3	10/07/22	3369.1	55.00	ND	46.74	ND	NA	NA	NA	3322.36	
MW-3	10/19/22	3369.1	55.00	ND	46.75	ND	NA	NA	NA	3322.35	
MW-3	11/15/22	3369.1	55.00	ND	46.60	ND	NA	NA	NA	3322.50	
MW-3	12/06/22	3369.1	55.00	ND	46.59	ND	NA	NA	NA	3322.51	Sampled
MW-3	12/29/22	3369.1	55.00	ND	46.53	ND	NA	NA	NA	3322.57	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-4	03/07/18	3365.12	59.48	ND	44.02	ND	NA	NA	NA	3321.10	Sampled
MW-4	06/05/18	3365.12	59.48	ND	43.73	ND	NA	NA	NA	3321.39	Sampled
MW-4	09/06/18	3365.12	59.48	ND	43.78	ND	NA	NA	NA	3321.34	Sampled
MW-4	11/28/18	3365.12	59.48	ND	43.45	ND	NA	NA	NA	3321.67	Sampled
MW-4	02/12/19	3365.12	59.48	ND	43.34	ND	NA	NA	NA	3321.78	Sampled
MW-4	05/09/19	3365.12	59.48	ND	43.31	ND	NA	NA	NA	3321.81	Sampled
MW-4	08/21/19	3365.12	59.48	ND	43.35	ND	NA	NA	NA	3321.77	Sampled
MW-4	11/05/19	3365.12	59.48	ND	43.42	ND	NA	NA	NA	3321.70	Sampled
MW-4	03/17/20	3365.12	59.48	ND	43.11	ND	NA	NA	NA	3322.01	Sampled
MW-4	06/24/20	3365.12	59.48	ND	43.06	ND	NA	NA	NA	3322.06	Sampled
MW-4	09/16/20	3365.12	59.48	ND	43.22	ND	NA	NA	NA	3321.90	Sampled
MW-4	12/08/20	3365.12	59.48	ND	43.20	ND	NA	NA	NA	3321.92	Sampled
MW-4	03/16/21	3365.12	59.48	ND	42.91	ND	NA	NA	NA	3322.21	Sampled
MW-4	06/24/21	3365.12	59.48	ND	42.95	ND	NA	NA	NA	3322.17	Sampled
MW-4	08/31/21	3365.12	59.48	ND	43.05	ND	NA	NA	NA	3322.07	Sampled
MW-4	12/14/21	3365.12	59.48	ND	43.25	ND	NA	NA	NA	3321.87	Sampled
MW-4	03/23/21	3365.12	59.48	ND	46.39	ND	NA	NA	NA	3318.73	Sampled
MW-4	06/22/22	3365.12	59.48	ND	43.29	ND	NA	NA	NA	3321.83	Sampled
MW-4	09/28/22	3365.12	59.48	ND	43.28	ND	NA	NA	NA	3321.84	Sampled
MW-4	12/06/22	3365.12	59.48	ND	4.14	ND	NA	NA	NA	3360.98	Sampled
MW-5	03/07/18	3364.74	53.14	ND	43.65	ND	NA	NA	NA	3321.09	Sampled
MW-5	06/05/18	3364.74	53.14	ND	43.30	ND	NA	NA	NA	3321.44	Sampled
MW-5	09/06/18	3364.74	53.14	ND	43.35	ND	NA	NA	NA	3321.39	Sampled
MW-5	11/28/18	3364.74	53.14	ND	42.98	ND	NA	NA	NA	3321.76	Sampled
MW-5	02/12/19	3364.74	53.14	ND	42.93	ND	NA	NA	NA	3321.81	Sampled
MW-5	05/09/19	3364.74	53.14	ND	42.90	ND	NA	NA	NA	3321.84	Sampled
MW-5	08/21/19	3364.74	53.14	ND	42.88	ND	NA	NA	NA	3321.86	Sampled
MW-5	11/05/19	3364.74	53.14	ND	42.96	ND	NA	NA	NA	3321.78	Sampled
MW-5	03/17/20	3364.74	53.14	ND	42.64	ND	NA	NA	NA	3322.10	Sampled
MW-5	06/24/20	3364.74	53.14	ND	42.59	ND	NA	NA	NA	3322.15	Sampled
MW-5	09/16/20	3364.74	53.14	ND	42.72	ND	NA	NA	NA	3322.02	Sampled
MW-5	12/08/20	3364.74	53.14	ND	42.70	ND	NA	NA	NA	3322.04	Sampled
MW-5	03/16/21	3364.74	53.14	ND	42.44	ND	NA	NA	NA	3322.30	Sampled
MW-5	06/24/21	3364.74	53.14	ND	42.46	ND	NA	NA	NA	3322.28	Sampled

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-5	08/31/21	3364.74	53.14	ND	42.54	ND	NA	NA	NA	3322.20	Sampled
MW-5	12/14/21	3364.74	53.14	ND	42.55	ND	NA	NA	NA	3322.19	Sampled
MW-5	03/23/22	3364.74	53.14	ND	42.44	ND	NA	NA	NA	3322.30	Sampled
MW-5	06/22/22	3364.74	53.14	ND	42.57	ND	NA	NA	NA	3322.17	Sampled
MW-5	09/28/22	3364.74	53.14	ND	42.75	ND	NA	NA	NA	3321.99	Sampled
MW-5	12/06/22	3364.74	53.14	ND	42.61	ND	NA	NA	NA	3322.13	Sampled
MW-6	03/07/18	3368.96	59.48	ND	47.41	ND	NA	NA	NA	3321.55	Sampled
MW-6	06/05/18	3368.96	59.48	ND	47.08	ND	NA	NA	NA	3321.88	Sampled
MW-6	09/06/18	3368.96	59.48	ND	47.09	ND	NA	NA	NA	3321.87	Sampled
MW-6	11/28/18	3368.96	59.48	ND	46.81	ND	NA	NA	NA	3322.15	Sampled
MW-6	02/12/19	3368.96	59.48	ND	46.73	ND	NA	NA	NA	3322.23	Sampled
MW-6	05/09/19	3368.96	59.48	ND	46.64	ND	NA	NA	NA	3322.32	Sampled
MW-6	08/21/19	3368.96	59.48	ND	46.69	ND	NA	NA	NA	3322.27	Sampled
MW-6	11/05/19	3368.96	59.48	ND	46.72	ND	NA	NA	NA	3322.24	Sampled
MW-6	03/17/20	3368.96	59.48	ND	46.40	ND	NA	NA	NA	3322.56	Sampled
MW-6	06/24/20	3368.96	59.48	ND	46.35	ND	NA	NA	NA	3322.61	Sampled
MW-6	09/16/20	3368.96	59.48	ND	46.51	ND	NA	NA	NA	3322.45	Sampled
MW-6	12/08/20	3368.96	59.48	ND	46.48	ND	NA	NA	NA	3322.48	Sampled
MW-6	03/16/21	3368.96	59.48	ND	46.91	ND	NA	NA	NA	3322.05	Sampled
MW-6	06/24/21	3368.96	59.48	ND	46.25	ND	NA	NA	NA	3322.71	Sampled
MW-6	08/31/21	3368.96	59.48	ND	46.32	ND	NA	NA	NA	3322.64	Sampled
MW-6	12/14/21	3368.96	59.48	ND	46.37	ND	NA	NA	NA	3322.59	Sampled
MW-6	03/23/22	3368.96	59.48	ND	46.37	ND	NA	NA	NA	3322.59	Sampled
MW-6	06/22/22	3368.96	59.48	ND	46.38	ND	NA	NA	NA	3322.58	Sampled
MW-6	09/28/22	3368.96	59.48	ND	46.58	ND	NA	NA	NA	3322.38	Sampled
MW-6	12/06/22	3368.96	59.48	ND	46.48	ND	NA	NA	NA	3322.48	Sampled
MW-7	03/07/18	3370.25	58.55	ND	48.44	ND	NA	NA	NA	3321.81	Sampled
MW-7	06/05/18	3370.25	58.55	ND	48.09	ND	NA	NA	NA	3322.16	Sampled
MW-7	09/06/18	3370.25	58.55	ND	48.09	ND	NA	NA	NA	3322.16	Sampled
MW-7	11/28/18	3370.25	58.55	ND	47.81	ND	NA	NA	NA	3322.44	Sampled
MW-7	02/12/19	3370.25	58.55	ND	47.73	ND	NA	NA	NA	3322.52	Sampled
MW-7	05/09/19	3370.25	58.55	ND	47.65	ND	NA	NA	NA	3322.60	Sampled
MW-7	08/21/19	3370.25	58.55	ND	47.63	ND	NA	NA	NA	3322.62	Sampled
MW-7	11/05/19	3370.25	58.55	ND	47.74	ND	NA	NA	NA	3322.51	Sampled

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-7	03/17/20	3370.25	58.55	ND	47.39	ND	NA	NA	NA	3322.86	Sampled
MW-7	06/24/20	3370.25	58.55	ND	47.33	ND	NA	NA	NA	3322.92	Sampled
MW-7	09/16/20	3370.25	58.55	ND	47.47	ND	NA	NA	NA	3322.78	Sampled
MW-7	12/08/20	3370.25	58.55	ND	47.45	ND	NA	NA	NA	3322.80	Sampled
MW-7	03/16/21	3370.25	58.55	ND	47.18	ND	NA	NA	NA	3323.07	Sampled
MW-7	06/24/21	3370.25	58.55	ND	47.27	ND	NA	NA	NA	3322.98	Sampled
MW-7	08/31/21	3370.25	58.55	ND	47.28	ND	NA	NA	NA	3322.97	Sampled
MW-7	12/14/21	3370.25	58.55	ND	47.33	ND	NA	NA	NA	3322.92	Sampled
MW-7	3/23/202	3370.25	58.55	ND	47.21	ND	NA	NA	NA	3323.04	Sampled
MW-7	06/22/22	3370.25	58.55	ND	47.35	ND	NA	NA	NA	3322.90	Sampled
MW-7	09/28/22	3370.25	58.55	ND	47.52	ND	NA	NA	NA	3322.73	Sampled
MW-7	12/06/22	3370.25	58.55	ND	47.42	ND	NA	NA	NA	3322.83	Sampled
MW-8	01/04/18	3365.11	59.62	ND	44.26	ND	NA	NA	NA	3320.85	
MW-8	01/10/18	3365.11	59.62	ND	44.09	ND	NA	NA	NA	3321.02	
MW-8	01/18/18	3365.11	59.62	ND	44.14	ND	NA	NA	NA	3320.97	
MW-8	01/25/18	3365.11	59.62	ND	44.02	ND	NA	NA	NA	3321.09	
MW-8	02/01/18	3365.11	59.62	ND	44.05	ND	NA	NA	NA	3321.06	
MW-8	02/14/18	3365.11	59.62	ND	43.91	ND	NA	NA	NA	3321.20	
MW-8	02/21/18	3365.11	59.62	ND	44.01	ND	NA	NA	NA	3321.10	
MW-8	02/28/18	3365.11	59.62	ND	44.10	ND	NA	NA	NA	3321.01	
MW-8	03/07/18	3365.11	59.62	ND	43.90	ND	NA	NA	NA	3321.21	Sampled
MW-8	03/15/18	3365.11	59.62	ND	43.76	ND	NA	NA	NA	3321.35	
MW-8	03/22/18	3365.11	59.62	ND	43.88	ND	NA	NA	NA	3321.23	
MW-8	03/28/18	3365.11	59.62	ND	43.88	ND	NA	NA	10.00	3321.23	
MW-8	04/04/18	3365.11	59.62	ND	43.91	ND	NA	NA	10.00	3321.20	
MW-8	04/11/18	3365.11	59.62	ND	43.94	ND	NA	NA	NA	3321.17	
MW-8	04/19/18	3365.11	59.62	ND	43.96	ND	NA	NA	NA	3321.15	
MW-8	04/24/18	3365.11	59.62	ND	43.93	ND	NA	NA	NA	3321.18	
MW-8	05/09/18	3365.11	59.62	ND	43.65	ND	NA	NA	NA	3321.46	
MW-8	05/15/18	3365.11	59.62	ND	43.63	ND	NA	NA	NA	3321.48	
MW-8	05/22/18	3365.11	59.62	ND	43.60	ND	NA	NA	NA	3321.51	
MW-8	05/30/18	3365.11	59.62	ND	43.60	ND	NA	NA	NA	3321.51	
MW-8	06/05/18	3365.11	59.62	ND	43.58	ND	NA	NA	NA	3321.53	Sampled
MW-8	06/13/18	3365.11	59.62	ND	43.60	ND	NA	NA	NA	3321.51	
MW-8	06/19/18	3365.11	59.62	ND	43.62	ND	NA	NA	NA	3321.49	

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-8	06/29/18	3365.11	59.62	ND	43.60	ND	NA	NA	NA	3321.51	
MW-8	07/05/18	3365.11	59.62	ND	43.65	ND	NA	NA	NA	3321.46	
MW-8	07/11/18	3365.11	59.62	ND	43.68	ND	NA	NA	NA	3321.43	
MW-8	07/18/18	3365.11	59.62	ND	43.58	ND	NA	NA	NA	3321.53	
MW-8	07/26/18	3365.11	59.62	ND	43.62	ND	NA	NA	NA	3321.49	
MW-8	07/31/18	3365.11	59.62	ND	43.60	ND	NA	NA	NA	3321.51	
MW-8	08/07/18	3365.11	59.62	ND	43.57	ND	NA	NA	NA	3321.54	
MW-8	08/14/18	3365.11	59.62	ND	43.52	ND	NA	NA	NA	3321.59	
MW-8	08/21/18	3365.11	59.62	ND	43.50	ND	NA	NA	NA	3321.61	
MW-8	08/30/18	3365.11	59.62	ND	43.51	ND	NA	NA	NA	3321.60	
MW-8	09/06/18	3365.11	59.62	ND	43.61	ND	NA	NA	NA	3321.50	Sampled
MW-8	09/26/18	3365.11	59.62	ND	43.55	ND	NA	NA	NA	3321.56	
MW-8	10/03/18	3365.11	59.62	ND	43.54	ND	NA	NA	NA	3321.57	
MW-8	10/11/18	3365.11	59.62	ND	43.51	ND	NA	NA	NA	3321.60	
MW-8	10/17/18	3365.11	59.62	ND	43.11	ND	NA	NA	NA	3322.00	
MW-8	10/24/18	3365.11	59.62	ND	43.45	ND	NA	NA	NA	3321.66	
MW-8	10/31/18	3365.11	59.62	ND	43.42	ND	NA	NA	NA	3321.69	
MW-8	11/06/18	3365.11	59.62	ND	43.48	ND	NA	NA	NA	3321.63	
MW-8	11/13/18	3365.11	59.62	ND	43.51	ND	NA	NA	NA	3321.60	
MW-8	11/21/18	3365.11	59.62	ND	43.40	ND	NA	NA	NA	3321.71	
MW-8	11/28/18	3365.11	59.62	ND	43.28	ND	NA	NA	NA	3321.83	Sampled
MW-8	12/07/18	3365.11	59.62	ND	43.30	ND	NA	NA	NA	3321.81	
MW-8	12/12/18	3365.11	59.62	ND	43.34	ND	NA	NA	NA	3321.77	
MW-8	12/18/18	3365.11	59.62	ND	43.35	ND	NA	NA	NA	3321.76	
MW-8	01/03/19	3365.11	59.62	ND	43.42	ND	NA	NA	NA	3321.69	
MW-8	01/08/19	3365.11	59.62	ND	43.45	ND	NA	NA	NA	3321.66	
MW-8	01/17/19	3365.11	59.62	ND	43.21	ND	NA	NA	NA	3321.90	
MW-8	01/22/19	3365.11	59.62	ND	43.30	ND	NA	NA	NA	3321.81	
MW-8	01/29/19	3365.11	59.62	ND	43.26	ND	NA	NA	NA	3321.85	
MW-8	02/05/19	3365.11	59.62	ND	43.31	ND	NA	NA	NA	3321.80	
MW-8	02/12/19	3365.11	59.62	ND	43.23	ND	NA	NA	NA	3321.88	Sampled
MW-8	02/22/19	3365.11	59.62	ND	43.19	ND	NA	NA	NA	3321.92	
MW-8	02/27/19	3365.11	59.62	ND	43.33	ND	NA	NA	NA	3321.78	
MW-8	03/06/19	3365.11	59.62	ND	43.38	ND	NA	NA	NA	3321.73	
MW-8	03/12/19	3365.11	59.62	ND	43.40	ND	NA	NA	NA	3321.71	
MW-8	03/22/19	3365.11	59.62	ND	43.41	ND	NA	NA	NA	3321.70	

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-8	03/28/19	3365.11	59.62	ND	43.29	ND	NA	NA	NA	3321.82	
MW-8	04/02/19	3365.11	59.62	ND	42.90	ND	NA	NA	NA	3322.21	
MW-8	04/10/19	3365.11	59.62	ND	42.96	ND	NA	NA	NA	3322.15	
MW-8	04/16/19	3365.11	59.62	ND	42.98	ND	NA	NA	NA	3322.13	
MW-8	04/24/19	3365.11	59.62	ND	42.98	ND	NA	NA	NA	3322.13	
MW-8	05/01/19	3365.11	59.62	ND	42.89	ND	NA	NA	NA	3322.22	Sampled
MW-8	05/09/19	3365.11	59.62	ND	43.18	ND	NA	NA	NA	3321.93	
MW-8	05/17/19	3365.11	59.62	ND	43.20	ND	NA	NA	NA	3321.91	
MW-8	05/24/19	3365.11	59.62	ND	43.19	ND	NA	NA	NA	3321.92	
MW-8	06/05/19	3365.11	59.62	ND	43.23	ND	NA	NA	NA	3321.88	
MW-8	06/14/19	3365.11	59.62	ND	43.09	ND	NA	NA	NA	3322.02	
MW-8	06/20/19	3365.11	59.62	ND	43.26	ND	NA	NA	NA	3321.85	
MW-8	06/25/19	3365.11	59.62	ND	43.10	ND	NA	NA	NA	3322.01	
MW-8	07/02/19	3365.11	59.62	ND	43.12	ND	NA	NA	NA	3321.99	
MW-8	07/10/19	3365.11	59.62	ND	43.13	ND	NA	NA	NA	3321.98	
MW-8	07/26/19	3365.11	59.62	ND	43.15	ND	NA	NA	NA	3321.96	Sampled
MW-8	08/11/19	3365.11	59.62	ND	43.22	ND	NA	NA	NA	3321.89	
MW-8	08/14/19	3365.11	59.62	ND	43.24	ND	NA	NA	NA	3321.87	
MW-8	08/21/19	3365.11	59.62	ND	43.18	ND	NA	NA	NA	3321.93	
MW-8	09/06/19	3365.11	59.62	ND	43.20	ND	NA	NA	NA	3321.91	
MW-8	09/12/19	3365.11	59.62	ND	43.25	ND	NA	NA	NA	3321.86	
MW-8	09/19/19	3365.11	59.62	ND	43.24	ND	NA	NA	NA	3321.87	
MW-8	10/08/19	3365.11	59.62	ND	43.24	ND	NA	NA	NA	3321.87	
MW-8	10/16/19	3365.11	59.62	ND	43.28	ND	NA	NA	NA	3321.83	
MW-8	10/23/19	3365.11	59.62	ND	43.20	ND	NA	NA	NA	3321.91	
MW-8	10/31/19	3365.11	59.62	ND	43.23	ND	NA	NA	NA	3321.88	
MW-8	11/05/19	3365.11	59.62	ND	43.25	ND	NA	NA	NA	3321.86	Sampled
MW-8	11/14/19	3365.11	59.62	ND	43.28	ND	NA	NA	NA	3321.83	
MW-8	11/26/19	3365.11	59.62	ND	43.06	ND	NA	NA	NA	3322.05	
MW-8	12/04/19	3365.11	59.62	ND	43.12	ND	NA	NA	NA	3321.99	
MW-8	12/13/19	3365.11	59.62	ND	43.09	ND	NA	NA	NA	3322.02	
MW-8	12/20/19	3365.11	59.62	ND	43.13	ND	NA	NA	NA	3321.98	
MW-8	12/26/19	3365.11	59.62	ND	43.10	ND	NA	NA	NA	3322.01	
MW-8	01/02/20	3365.11	59.62	ND	43.18	ND	NA	NA	NA	3321.93	
MW-8	01/09/20	3365.11	59.62	ND	43.02	ND	NA	NA	NA	3322.09	
MW-8	01/14/20	3365.11	59.62	ND	43.07	ND	NA	NA	NA	3322.04	

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-8	01/30/20	3365.11	59.62	ND	43.00	ND	NA	NA	NA	3322.11	
MW-8	02/07/20	3365.11	59.62	ND	42.89	ND	NA	NA	NA	3322.22	
MW-8	02/12/20	3365.11	59.62	ND	42.94	ND	NA	NA	NA	3322.17	
MW-8	02/19/20	3365.11	59.62	ND	42.97	ND	NA	NA	NA	3322.14	
MW-8	02/26/20	3365.11	59.62	ND	43.08	ND	NA	NA	NA	3322.03	
MW-8	03/05/20	3365.11	59.62	ND	43.10	ND	NA	NA	NA	3322.01	
MW-8	03/11/20	3365.11	59.62	ND	42.92	ND	NA	NA	NA	3322.19	
MW-8	03/17/20	3365.11	59.62	ND	42.93	ND	NA	NA	NA	3322.18	Sampled
MW-8	03/23/20	3365.11	59.62	ND	42.90	ND	NA	NA	NA	3322.21	
MW-8	05/07/20	3365.11	59.62	ND	42.89	ND	NA	NA	NA	3322.22	
MW-8	05/20/20	3365.11	59.62	ND	42.75	ND	NA	NA	NA	3322.36	
MW-8	06/03/20	3365.11	59.62	ND	42.74	ND	NA	NA	NA	3322.37	
MW-8	06/24/20	3365.11	59.62	ND	43.06	ND	NA	NA	NA	3322.05	
MW-8	07/01/20	3365.11	59.62	ND	42.84	ND	NA	NA	NA	3322.27	
MW-8	07/14/20	3365.11	59.62	ND	42.84	ND	NA	NA	NA	3322.27	
MW-8	07/29/20	3365.11	59.62	ND	42.82	ND	NA	NA	NA	3322.29	
MW-8	08/13/20	3365.11	59.62	ND	42.80	ND	NA	NA	NA	3322.31	
MW-8	08/25/20	3365.11	59.62	ND	42.95	ND	NA	NA	NA	3322.16	
MW-8	09/16/20	3365.11	59.62	ND	43.04	ND	NA	NA	NA	3322.07	
MW-8	09/24/20	3365.11	59.62	ND	42.95	ND	NA	NA	NA	3322.16	
MW-8	10/29/20	3365.11	59.62	ND	43.08	ND	NA	NA	NA	3322.03	
MW-8	11/10/20	3365.11	59.62	ND	43.05	ND	NA	NA	NA	3322.06	
MW-8	11/24/20	3365.11	59.62	ND	42.97	ND	NA	NA	NA	3322.14	
MW-8	12/08/20	3365.11	59.62	ND	43.02	ND	NA	NA	NA	3322.09	
MW-8	12/22/20	3365.11	59.62	ND	42.90	ND	NA	NA	NA	3322.21	
MW-8	01/19/21	3365.11	59.62	ND	43.02	ND	NA	NA	NA	3322.09	
MW-8	02/02/21	3365.11	59.62	ND	42.85	ND	NA	NA	NA	3322.26	
MW-8	02/10/21	3365.11	59.62	ND	42.86	ND	NA	NA	NA	3322.25	
MW-8	02/25/21	3365.11	59.62	ND	42.81	ND	NA	NA	NA	3322.30	
MW-8	03/02/21	3365.11	59.62	ND	42.84	ND	NA	NA	NA	3322.27	
MW-8	03/16/21	3365.11	59.62	ND	42.73	ND	NA	NA	NA	3322.38	
MW-8	03/31/21	3365.11	59.62	ND	42.96	ND	NA	NA	NA	3322.15	
MW-8	04/16/21	3365.11	59.62	ND	42.81	ND	NA	NA	NA	3322.30	
MW-8	04/26/21	3365.11	59.62	ND	42.89	ND	NA	NA	NA	3322.22	
MW-8	05/14/21	3365.11	59.62	ND	43.01	ND	NA	NA	NA	3322.10	
MW-8	05/27/21	3365.11	59.62	ND	42.38	ND	NA	NA	NA	3322.73	

TABLE 2
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Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-8	06/11/21	3365.11	59.62	ND	42.72	ND	NA	NA	NA	3322.39	
MW-8	06/24/21	3365.11	59.62	ND	42.69	ND	NA	NA	NA	3322.42	
MW-8	07/08/21	3365.11	59.62	ND	42.81	ND	NA	NA	NA	3322.30	
MW-8	07/23/21	3365.11	59.62	ND	42.78	ND	NA	NA	NA	3322.33	
MW-8	08/13/21	3365.11	59.62	ND	42.70	ND	NA	NA	NA	3322.41	
MW-8	08/26/21	3365.11	59.62	ND	42.88	ND	NA	NA	NA	3322.23	
MW-8	08/31/21	3365.11	59.62	ND	42.84	ND	NA	NA	NA	3322.27	
MW-8	09/10/21	3365.11	59.62	ND	42.70	ND	NA	NA	NA	3322.41	
MW-8	09/30/21	3365.11	59.62	ND	42.88	ND	NA	NA	NA	3322.23	
MW-8	10/07/21	3365.11	59.62	ND	42.86	ND	NA	NA	NA	3322.25	
MW-8	10/21/21	3365.11	59.62	ND	42.93	ND	NA	NA	NA	3322.18	
MW-8	10/27/21	3365.11	59.62	ND	42.82	ND	NA	NA	NA	3322.29	
MW-8	11/04/21	3365.11	59.62	ND	42.88	ND	NA	NA	NA	3322.23	
MW-8	11/17/21	3365.11	59.62	ND	42.82	ND	NA	NA	NA	3322.29	
MW-8	12/03/21	3365.11	59.62	ND	42.78	ND	NA	NA	NA	3322.33	
MW-8	12/14/21	3365.11	59.62	ND	42.86	ND	NA	NA	NA	3322.25	
MW-8	12/31/21	3365.11	59.62	ND	42.84	ND	NA	NA	NA	3322.27	
MW-8	01/27/22	3365.11	59.62	ND	42.78	ND	NA	NA	NA	3322.33	
MW-8	02/10/22	3365.11	59.62	ND	42.76	ND	NA	NA	NA	3322.35	
MW-8	02/25/22	3365.11	59.62	ND	42.76	ND	NA	NA	NA	3322.35	
MW-8	03/23/22	3365.11	59.62	ND	42.75	ND	NA	NA	NA	3322.36	
MW-8	03/31/22	3365.11	59.62	ND	42.60	ND	NA	NA	NA	3322.51	
MW-8	04/05/22	3365.11	59.62	ND	42.79	ND	NA	NA	NA	3322.32	
MW-8	04/13/22	3365.11	59.62	ND	42.75	ND	NA	NA	NA	3322.36	
MW-8	04/28/22	3365.11	59.62	ND	42.68	ND	NA	NA	NA	3322.43	
MW-8	05/12/22	3365.11	59.62	ND	42.72	ND	NA	NA	NA	3322.39	
MW-8	05/24/22	3365.11	59.62	ND	42.73	ND	NA	NA	NA	3322.38	
MW-8	06/17/22	3365.11	59.62	ND	42.82	ND	NA	NA	NA	3322.29	
MW-8	06/22/22	3365.11	59.62	ND	42.83	ND	NA	NA	NA	3322.28	Sampled
MW-8	07/21/22	3365.11	59.62	ND	42.88	ND	NA	NA	NA	3322.23	
MW-8	08/18/22	3365.11	59.62	ND	43.02	ND	NA	NA	NA	3322.09	
MW-8	09/21/22	3365.11	59.62	ND	43.08	ND	NA	NA	NA	3322.03	
MW-8	09/28/22	3365.11	59.62	ND	43.08	ND	NA	NA	NA	3322.03	Sampled
MW-8	10/07/22	3365.11	59.62	ND	43.11	ND	NA	NA	NA	3322.00	
MW-8	10/19/22	3365.11	59.62	ND	43.12	ND	NA	NA	NA	3321.99	
MW-8	11/15/22	3365.11	59.62	ND	43.15	ND	NA	NA	NA	3321.96	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-8	12/06/22	3365.11	59.62	ND	42.95	ND	NA	NA	NA	3322.16	
MW-8	12/29/22	3365.11	59.62	ND	42.94	ND	NA	NA	NA	3322.17	Sampled
MW-9	03/07/18	3364.69	62.60	ND	43.27	ND	NA	NA	NA	3321.42	Sampled
MW-9	06/05/18	3364.69	62.60	ND	42.95	ND	NA	NA	NA	3321.74	Sampled
MW-9	09/06/18	3364.69	62.60	ND	42.98	ND	NA	NA	NA	3321.71	Sampled
MW-9	11/28/18	3364.69	62.60	ND	42.64	ND	NA	NA	NA	3322.05	Sampled
MW-9	02/12/19	3364.69	62.60	ND	42.60	ND	NA	NA	NA	3322.09	Sampled
MW-9	05/09/19	3364.69	62.60	ND	42.56	ND	NA	NA	NA	3322.13	Sampled
MW-9	08/21/19	3364.69	62.60	ND	42.56	ND	NA	NA	NA	3322.13	Sampled
MW-9	11/05/19	3364.69	62.60	ND	42.63	ND	NA	NA	NA	3322.06	Sampled
MW-9	03/17/20	3364.69	62.60	ND	42.31	ND	NA	NA	NA	3322.38	Sampled
MW-9	06/24/20	3364.69	62.60	ND	42.25	ND	NA	NA	NA	3322.44	Sampled
MW-9	09/16/20	3364.69	62.60	ND	42.40	ND	NA	NA	NA	3322.29	Sampled
MW-9	12/08/20	3364.69	62.60	ND	42.40	ND	NA	NA	NA	3322.29	Sampled
MW-9	03/16/21	3364.69	62.60	ND	42.10	ND	NA	NA	NA	3322.59	Sampled
MW-9	06/24/21	3364.69	62.60	ND	42.15	ND	NA	NA	NA	3322.54	Sampled
MW-9	08/31/21	3364.69	62.60	ND	42.20	ND	NA	NA	NA	3322.49	Sampled
MW-9	12/14/21	3364.69	62.60	ND	42.22	ND	NA	NA	NA	3322.47	Sampled
MW-9	03/23/22	3364.69	62.60	ND	42.11	ND	NA	NA	NA	3322.58	Sampled
MW-9	06/22/22	3364.69	62.60	ND	42.30	ND	NA	NA	NA	3322.39	Sampled
MW-9	09/28/22	3364.69	62.60	ND	42.42	ND	NA	NA	NA	3322.27	Sampled
MW-9	12/06/22	3364.69	62.60	ND	42.30	ND	NA	NA	NA	3322.39	Sampled
RW-1	01/04/18	3368.12	58.70	Sheen	47.12	Sheen	NA	Sheen	10.00	3321.00	
RW-1	01/10/18	3368.12	58.70	NA	46.92	NA	NA	NA	NA	3321.20	
RW-1	01/18/18	3368.12	58.70	NA	47.35	NA	NA	NA	NA	3320.77	
RW-1	01/25/18	3368.12	58.70	Sheen	46.89	Sheen	NA	NA	NA	3321.23	
RW-1	02/01/18	3368.12	58.70	NA	46.86	NA	NA	NA	NA	3321.26	
RW-1	02/14/18	3368.12	58.70	NA	46.73	NA	NA	NA	NA	3321.39	
RW-1	02/21/18	3368.12	58.70	NA	46.77	NA	NA	NA	NA	3321.35	
RW-1	02/28/18	3368.12	58.70	Sheen	46.61	Sheen	NA	Sheen	10.00	3321.51	
RW-1	03/07/18	3368.12	58.70	46.70	46.74	0.04	NA	NA	NA	3321.41	
RW-1	03/15/18	3368.12	58.70	Sheen	46.61	Sheen	NA	Sheen	10.00	3321.51	
RW-1	03/22/18	3368.12	58.70	Sheen	46.71	Sheen	NA	NA	NA	3321.41	
RW-1	03/28/18	3368.12	58.70	NA	46.63	NA	NA	NA	10.00	3321.49	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	04/04/18	3368.12	58.70	NA	46.75	NA	NA	NA	10.00	3321.37	
RW-1	04/11/18	3368.12	58.70	NA	46.78	NA	NA	NA	NA	3321.34	
RW-1	04/19/18	3368.12	58.70	NA	46.79	NA	NA	NA	NA	3321.33	
RW-1	04/24/18	3368.12	58.70	NA	46.78	NA	NA	NA	NA	3321.34	
RW-1	05/09/18	3368.12	58.70	Sheen	46.55	Sheen	NA	Sheen	10.00	3321.57	
RW-1	05/15/18	3368.12	58.70	Sheen	46.50	Sheen	NA	NA	10.00	3321.62	
RW-1	05/22/18	3368.12	58.70	Sheen	46.48	Sheen	NA	Sheen	10.00	3321.64	
RW-1	05/30/18	3368.12	58.70	Sheen	46.41	Sheen	NA	Sheen	10.00	3321.71	
RW-1	06/05/18	3368.12	58.70	NA	46.42	NA	NA	Sheen	25.00	3321.70	Sampled
RW-1	06/13/18	3368.12	58.70	NA	46.45	NA	NA	NA	NA	3321.67	
RW-1	06/19/18	3368.12	58.70	NA	46.44	NA	NA	NA	NA	3321.68	
RW-1	06/29/18	3368.12	58.70	Sheen	46.43	Sheen	NA	Sheen	10.00	3321.69	
RW-1	07/05/18	3368.12	58.70	NA	46.44	NA	NA	Sheen	10.00	3321.68	
RW-1	07/11/18	3368.12	58.70	Sheen	46.45	Sheen	NA	Sheen	10.00	3321.67	
RW-1	07/18/18	3368.12	58.70	Sheen	46.44	Sheen	NA	Sheen	10.00	3321.68	
RW-1	07/26/18	3368.12	58.70	Sheen	46.42	Sheen	NA	Sheen	10.00	3321.70	
RW-1	07/31/18	3368.12	58.70	Sheen	46.41	Sheen	NA	Sheen	10.00	3321.71	
RW-1	08/07/18	3368.12	58.70	Sheen	46.40	Sheen	NA	Sheen	10.00	3321.72	
RW-1	08/14/18	3368.12	58.70	Sheen	46.61	Sheen	NA	Sheen	10.00	3321.51	
RW-1	08/21/18	3368.12	58.70	46.35	46.37	0.02	NA	Sheen	10.00	3321.77	
RW-1	08/30/18	3368.12	58.70	46.40	46.41	0.01	NA	Sheen	10.00	3321.72	
RW-1	09/06/18	3368.12	58.70	46.33	46.35	0.02	NA	Sheen	10.00	3321.79	
RW-1	09/26/18	3368.12	58.70	Sheen	46.35	Sheen	NA	Sheen	10.00	3321.77	
RW-1	10/03/18	3368.12	58.70	Sheen	46.34	Sheen	NA	Sheen	10.00	3321.78	
RW-1	10/11/18	3368.12	58.70	ND	46.39	ND	NA	NA	NA	3321.73	
RW-1	10/17/18	3368.12	58.70	ND	45.94	ND	NA	Sheen	10.00	3322.18	
RW-1	10/24/18	3368.12	58.70	Sheen	46.30	Sheen	NA	Sheen	10.00	3321.82	
RW-1	10/31/18	3368.12	58.70	Sheen	46.21	Sheen	NA	Sheen	10.00	3321.91	
RW-1	11/06/18	3368.12	58.70	Sheen	46.30	Sheen	NA	Sheen	10.00	3321.82	
RW-1	11/13/18	3368.12	58.70	ND	46.33	ND	NA	Sheen	10.00	3321.79	
RW-1	11/21/18	3368.12	58.70	46.20	46.21	0.01	NA	Sheen	10.00	3321.92	
RW-1	11/28/18	3368.12	58.70	46.11	46.13	0.02	NA	Sheen	10.00	3322.01	
RW-1	12/07/18	3368.12	58.70	43.13	43.14	0.01	NA	Sheen	10.00	3324.99	
RW-1	12/12/18	3368.12	58.70	Sheen	46.16	Sheen	NA	Sheen	10.00	3321.96	
RW-1	12/18/18	3368.12	58.70	Sheen	46.18	Sheen	NA	Sheen	10.00	3321.94	
RW-1	01/03/19	3368.12	58.70	Sheen	46.22	Sheen	NA	Sheen	10.00	3321.90	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	01/08/19	3368.12	58.70	46.77	46.78	0.01	NA	Sheen	10.00	3321.35	
RW-1	01/17/19	3368.12	58.70	46.06	46.07	0.01	NA	ND	10.00	3322.06	
RW-1	01/22/19	3368.12	58.70	Sheen	46.12	Sheen	NA	Sheen	10.00	3322.00	
RW-1	01/29/19	3368.12	58.70	Sheen	46.08	Sheen	NA	Sheen	10.00	3322.04	
RW-1	02/05/19	3368.12	58.70	Sheen	46.21	Sheen	NA	Sheen	10.00	3321.91	
RW-1	02/12/19	3368.12	58.70	46.05	46.07	0.02	NA	NA	NA	3322.07	
RW-1	02/22/19	3368.12	58.70	ND	46.03	ND	NA	NA	10.00	3322.09	
RW-1	02/27/19	3368.12	58.70	ND	46.10	ND	NA	Sheen	10.00	3322.02	
RW-1	03/06/19	3368.12	58.70	ND	46.12	ND	NA	NA	NA	3322.00	
RW-1	03/12/19	3368.12	58.70	Sheen	43.41	Sheen	NA	Sheen	10.00	3324.71	
RW-1	03/22/19	3368.12	58.70	Sheen	43.42	Sheen	NA	Sheen	10.00	3324.70	
RW-1	03/28/19	3368.12	58.70	44.11	44.12	0.01	NA	Sheen	10.00	3324.01	
RW-1	04/02/19	3368.12	58.70	Sheen	45.81	Sheen	NA	Sheen	10.00	3322.31	
RW-1	04/10/19	3368.12	58.70	Sheen	45.77	Sheen	NA	NA	10.00	3322.35	
RW-1	04/16/19	3368.12	58.70	Sheen	45.80	Sheen	NA	NA	NA	3322.32	
RW-1	04/24/19	3368.12	58.70	Sheen	45.82	Sheen	NA	Sheen	10.00	3322.30	
RW-1	05/01/19	3368.12	58.70	Sheen	45.64	Sheen	NA	NA	NA	3322.48	
RW-1	05/09/19	3368.12	58.70	Sheen	46.00	Sheen	NA	Sheen	10.00	3322.12	Sampled
RW-1	05/17/19	3368.12	58.70	Sheen	46.06	Sheen	NA	na	10.00	3322.06	
RW-1	05/24/19	3368.12	58.70	Sheen	46.06	Sheen	NA	NA	10.00	3322.06	
RW-1	06/05/19	3368.12	58.70	Sheen	46.10	Sheen	NA	Sheen	10.00	3322.02	
RW-1	06/14/19	3368.12	58.70	ND	45.85	ND	NA	Sheen	10.00	3322.27	
RW-1	06/20/19	3368.12	58.70	Sheen	46.12	Sheen	NA	Sheen	10.00	3322.00	
RW-1	06/25/19	3368.12	58.70	ND	45.90	ND	NA	ND	10.00	3322.22	
RW-1	07/02/19	3368.12	58.70	Sheen	45.89	Sheen	NA	ND	10.00	3322.23	
RW-1	07/10/19	3368.12	58.70	ND	45.98	ND	NA	ND	10.00	3322.14	
RW-1	07/26/19	3368.12	58.70	Sheen	45.86	Sheen	NA	ND	10.00	3322.26	
RW-1	08/11/19	3368.12	58.70	Sheen	45.93	Sheen	NA	Sheen	10.00	3322.19	
RW-1	08/14/19	3368.12	58.70	Sheen	46.06	Sheen	NA	Sheen	10.00	3322.06	
RW-1	08/21/19	3368.12	58.70	Sheen	45.98	Sheen	NA	Sheen	10.00	3322.14	
RW-1	09/06/19	3368.12	58.70	Sheen	46.51	Sheen	NA	Sheen	10.00	3321.61	
RW-1	09/12/19	3368.12	58.70	ND	46.05	ND	NA	Sheen	10.00	3322.07	
RW-1	09/19/19	3368.12	58.70	Sheen	46.05	Sheen	NA	Sheen	10.00	3322.07	
RW-1	10/08/19	3368.12	58.70	ND	46.04	ND	NA	NA	NA	3322.08	
RW-1	10/16/19	3368.12	58.70	ND	46.10	ND	NA	NA	NA	3322.02	
RW-1	10/23/19	3368.12	58.70	ND	46.00	ND	NA	NA	NA	3322.12	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	10/31/19	3368.12	58.70	ND	46.06	ND	NA	NA	NA	3322.06	
RW-1	11/05/19	3368.12	58.70	46.05	46.06	0.01	NA	Sheen	10.00	3322.07	
RW-1	11/14/19	3368.12	58.70	46.46	46.47	0.01	NA	Sheen	10	3321.66	
RW-1	11/26/19	3368.12	58.70	ND	45.87	ND	NA	NA	NA	3322.25	
RW-1	12/04/19	3368.12	58.70	ND	45.93	ND	NA	NA	NA	3322.19	
RW-1	12/13/19	3368.12	58.70	ND	45.87	ND	NA	NA	NA	3322.25	
RW-1	12/20/19	3368.12	58.70	ND	45.95	ND	NA	NA	NA	3322.17	
RW-1	12/26/19	3368.12	58.70	ND	45.91	ND	NA	NA	NA	3322.21	
RW-1	01/02/20	3368.12	58.70	ND	45.99	ND	NA	NA	NA	3322.13	
RW-1	01/09/20	3368.12	58.70	ND	45.84	ND	NA	NA	NA	3322.28	
RW-1	01/14/20	3368.12	58.70	Sheen	45.88	Sheen	NA	Sheen	10.00	3322.24	
RW-1	01/30/20	3368.12	58.70	Sheen	45.80	Sheen	NA	NA	NA	3322.32	
RW-1	02/07/20	3368.12	58.70	Sheen	45.78	Sheen	NA	NA	NA	3322.34	
RW-1	02/12/20	3368.12	58.70	Sheen	45.75	Sheen	NA	Sheen	10	3322.37	
RW-1	02/19/20	3368.12	58.70	Sheen	45.68	Sheen	NA	Sheen	10	3322.44	
RW-1	02/26/20	3368.12	58.70	Sheen	45.91	Sheen	NA	Sheen	10.00	3322.21	
RW-1	03/05/20	3368.12	58.70	Sheen	45.90	Sheen	NA	Sheen	10	3322.22	
RW-1	03/11/20	3368.12	58.70	Sheen	46.08	Sheen	NA	Sheen	10	3322.04	
RW-1	03/17/20	3368.12	58.70	Sheen	45.76	Sheen	NA	NA	NA	3322.36	Sampled
RW-1	03/23/20	3368.12	58.70	Sheen	45.90	Sheen	NA	Sheen	10	3322.22	
RW-1	05/07/20	3368.12	58.70	Sheen	46.01	Sheen	NA	Sheen	10	3322.11	
RW-1	05/20/20	3368.12	58.70	45.56	45.58	0.02	NA	Sheen	10	3322.56	
RW-1	06/03/20	3368.12	58.70	45.61	45.65	0.04	NA	Sheen	10	3322.50	
RW-1	06/24/20	3368.12	58.70	Sheen	45.68	Sheen	NA	Sheen	10	3322.44	
RW-1	07/01/20	3368.12	58.70	ND	45.65	ND	NA	Sheen	10	3322.47	
RW-1	07/14/20	3368.12	58.70	Sheen	45.64	Sheen	NA	Sheen	10	3322.48	
RW-1	07/29/20	3368.12	58.70	ND	45.62	ND	NA	NA	NA	3322.50	
RW-1	08/13/20	3368.12	58.70	ND	45.65	ND	NA	NA	NA	3322.47	
RW-1	08/25/20	3368.12	58.70	45.72	45.76	0.04	NA	Sheen	10	3322.39	
RW-1	09/16/20	3368.12	58.70	45.83	45.84	0.01	NA	NA	NA	3322.29	
RW-1	09/24/20	3368.12	58.70	Sheen	45.70	Sheen	NA	Sheen	10	3322.42	
RW-1	10/29/20	3368.12	58.70	Sheen	45.85	Sheen	NA	Sheen	10	3322.27	
RW-1	11/10/20	3368.12	58.70	Sheen	45.84	Sheen	NA	Sheen	10	3322.28	
RW-1	11/24/20	3368.12	58.70	Sheen	45.78	Sheen	NA	Sheen	10	3322.34	
RW-1	12/08/20	3368.12	58.70	45.79	45.80	0.01	NA	Sheen	10	3322.33	
RW-1	12/22/20	3368.12	58.70	Sheen	45.72	Sheen	NA	Sheen	10	3322.40	

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								PSH	H_2O		
RW-1	01/05/21	3368.12	58.70	ND	45.72	ND	NA	Sheen	10	3322.40	
RW-1	01/19/21	3368.12	58.70	Sheen	45.86	Sheen	NA	Sheen	10	3322.26	
RW-1	02/02/21	3368.12	58.70	Sheen	45.66	Sheen	NA	Sheen	10	3322.46	
RW-1	02/10/21	3368.12	58.70	ND	45.67	ND	NA	NA	NA	3322.45	
RW-1	02/25/21	3368.12	58.70	ND	45.70	ND	NA	Sheen	10	3322.42	
RW-1	03/02/21	3368.12	58.70	ND	45.63	ND	NA	Sheen	10	3322.49	
RW-1	03/16/21	3368.12	58.70	ND	45.51	ND	NA	Sheen	10	3322.61	Sampled
RW-1	03/31/21	3368.12	58.70	ND	45.77	ND	NA	NA	NA	3322.35	
RW-1	04/16/21	3368.12	58.70	ND	45.63	ND	NA	Sheen	10	3322.49	
RW-1	04/26/21	3368.12	58.70	ND	45.52	ND	NA	Sheen	10	3322.60	
RW-1	05/14/21	3368.12	58.70	ND	45.59	ND	NA	Sheen	10	3322.53	
RW-1	05/27/21	3368.12	58.70	ND	45.49	ND	NA	Sheen	10	3322.63	
RW-1	06/11/21	3368.12	58.70	ND	45.52	ND	NA	Sheen	10	3322.60	
RW-1	06/24/21	3368.12	58.70	ND	45.48	ND	NA	Sheen	10	3322.64	
RW-1	07/08/21	3368.12	58.70	ND	45.48	ND	NA	Sheen	10	3322.64	
RW-1	07/23/21	3368.12	58.70	ND	45.51	ND	NA	Sheen	10	3322.61	
RW-1	08/13/21	3368.12	58.70	ND	45.57	ND	NA	Sheen	10	3322.55	
RW-1	08/26/21	3368.12	58.70	Sheen	45.68	Sheen	NA	Sheen	10	3322.44	
RW-1	08/31/21	3368.12	58.70	Sheen	45.63	Sheen	NA	Sheen	10	3322.49	
RW-1	09/10/21	3368.12	58.70	ND	46.68	ND	NA	Sheen	10	3321.44	
RW-1	09/30/21	3368.12	58.70	ND	45.66	ND	NA	Sheen	10	3322.46	
RW-1	10/07/21	3368.12	58.70	ND	45.66	ND	NA	Sheen	10	3322.46	
RW-1	10/21/21	3368.12	58.70	ND	45.70	ND	NA	Sheen	10	3322.42	
RW-1	10/27/21	3368.12	58.70	ND	45.62	ND	NA	Sheen	10	3322.50	
RW-1	11/04/21	3368.12	58.70	ND	45.68	ND	NA	Sheen	10	3322.44	
RW-1	11/17/21	3368.12	58.70	ND	45.59	ND	NA	Sheen	10	3322.53	
RW-1	12/03/21	3368.12	58.70	ND	45.58	ND	NA	Sheen	10	3322.54	
RW-1	12/14/21	3368.12	58.70	45.66	45.67	0.01	NA	Sheen	10	3322.46	
RW-1	12/31/21	3368.12	58.70	45.58	45.60	0.02	NA	0.25	9.75	3322.54	
RW-1	01/27/22	3368.12	58.70	ND	45.59	ND	NA	Sheen	10	3322.53	
RW-1	02/10/22	3368.12	58.70	ND	45.51	ND	NA	Sheen	10	3322.61	
RW-1	02/25/22	3368.12	58.70	ND	45.56	ND	NA	Sheen	10	3322.56	
RW-1	03/23/22	3368.12	58.70	Sheen	45.56	Sheen	NA	Sheen	10	3322.56	
RW-1	03/31/22	3368.12	58.70	ND	45.40	ND	NA	ND	ND	3322.72	
RW-1	04/05/22	3368.12	58.70	ND	45.61	ND	NA	ND	ND	3322.51	
RW-1	04/13/22	3368.12	58.70	Sheen	45.57	Sheen	NA	Sheen	10	3322.55	

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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	04/28/22	3368.12	58.70	ND	45.48	ND	NA	ND	ND	3322.64	
RW-1	05/12/22	3368.12	58.70	ND	45.55	ND	NA	ND	ND	3322.57	
RW-1	05/24/22	3368.12	58.70	ND	45.52	ND	NA	Sheen	10	3322.60	
RW-1	06/17/22	3368.12	58.70	ND	45.48	ND	NA	Sheen	10	3322.64	
RW-1	06/22/22	3368.12	58.70	ND	45.49	ND	NA	Sheen	10	3322.63	Sampled
RW-1	07/21/22	3368.12	58.70	ND	45.65	ND	NA	Sheen	10	3322.47	
RW-1	08/18/22	3368.12	58.70	Sheen	45.80	Sheen	NA	Sheen	10	3322.32	
RW-1	09/21/22	3368.12	58.70	ND	45.86	ND	NA	Sheen	10	3322.26	
RW-1	09/28/22	3368.12	58.70	45.85	45.86	0.01	NA	0.25	9.75	3322.27	
RW-1	10/07/22	3368.12	58.70	Sheen	45.88	Sheen	NA	0.25	9.75	3322.24	
RW-1	10/19/22	3368.12	58.70	Sheen	45.89	Sheen	NA	Sheen	10	3322.23	
RW-1	11/15/22	3368.12	58.70	ND	45.76	ND	NA	NA	NA	3322.36	
RW-1	12/06/22	3368.12	58.70	ND	45.76	ND	NA	0.25	9.75	3322.36	Sampled
RW-1	12/29/22	3368.12	58.70	ND	45.69	ND	NA	NA	NA	3322.43	
RW-2	01/04/18	3368.32	48.98	Sheen	47.38	Sheen	NA	Sheen	10.00	3320.94	
RW-2	01/10/18	3368.32	48.98	Sheen	47.19	Sheen	NA	Sheen	10.00	3321.13	
RW-2	01/18/18	3368.32	48.98	ND	44.72	ND	NA	NA	NA	3323.60	
RW-2	01/25/18	3368.32	48.98	Sheen	47.12	Sheen	NA	NA	NA	3321.20	
RW-2	02/01/18	3368.32	48.98	ND	47.63	ND	NA	NA	NA	3320.69	
RW-2	02/14/18	3368.32	48.98	ND	47.01	ND	NA	NA	NA	3321.31	
RW-2	02/21/18	3368.32	48.98	ND	47.16	ND	NA	NA	NA	3321.16	
RW-2	02/28/18	3368.32	48.98	Sheen	46.85	Sheen	NA	Sheen	10.00	3321.47	
RW-2	03/07/18	3368.32	48.98	ND	46.91	ND	NA	NA	NA	3321.41	Sampled
RW-2	03/15/18	3368.32	48.98	Sheen	46.84	Sheen	NA	Sheen	10.00	3321.48	
RW-2	03/22/18	3368.32	48.98	Sheen	46.96	Sheen	NA	NA	NA	3321.36	
RW-2	03/28/18	3368.32	48.98	Sheen	46.90	Sheen	NA	NA	10.00	3321.42	
RW-2	04/04/18	3368.32	48.98	Sheen	47.02	Sheen	NA	Sheen	10.00	3321.30	
RW-2	04/11/18	3368.32	48.98	Sheen	47.08	Sheen	NA	Sheen	10.00	3321.24	
RW-2	04/19/18	3368.32	48.98	Sheen	47.04	Sheen	NA	Sheen	10.00	3321.28	
RW-2	04/24/18	3368.32	48.98	Sheen	47.10	Sheen	NA	Sheen	10.00	3321.22	
RW-2	05/09/18	3368.32	48.98	ND	46.75	ND	NA	NA	NA	3321.57	
RW-2	05/15/18	3368.32	48.98	Sheen	46.72	Sheen	NA	NA	10.00	3321.60	
RW-2	05/22/18	3368.32	48.98	ND	46.68	ND	NA	NA	NA	3321.64	
RW-2	05/30/18	3368.32	48.98	Sheen	46.68	Sheen	NA	Sheen	10.00	3321.64	
RW-2	06/05/18	3368.32	48.98	Sheen	46.69	Sheen	NA	NA	NA	3321.63	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	06/13/18	3368.32	48.98	Sheen	46.72	Sheen	NA	Sheen	10.00	3321.60	
RW-2	06/19/18	3368.32	48.98	Sheen	46.74	Sheen	NA	Sheen	10.00	3321.58	
RW-2	06/29/18	3368.32	48.98	Sheen	46.70	Sheen	NA	Sheen	10.00	3321.62	
RW-2	07/05/18	3368.32	48.98	ND	46.89	ND	NA	NA	NA	3321.43	
RW-2	07/11/18	3368.32	48.98	ND	46.74	ND	NA	NA	NA	3321.58	
RW-2	07/18/18	3368.32	48.98	Sheen	46.70	Sheen	NA	Sheen	10.00	3321.62	
RW-2	07/26/18	3368.32	48.98	ND	46.69	ND	NA	NA	NA	3321.63	
RW-2	07/31/18	3368.32	48.98	ND	46.65	ND	NA	NA	NA	3321.67	
RW-2	08/07/18	3368.32	48.98	ND	46.64	ND	NA	NA	NA	3321.68	
RW-2	08/14/18	3368.32	48.98	Sheen	46.61	Sheen	NA	Sheen	10.00	3321.71	
RW-2	08/21/18	3368.32	48.98	ND	46.59	ND	NA	NA	NA	3321.73	
RW-2	08/30/18	3368.32	48.98	ND	46.63	ND	NA	NA	NA	3321.69	
RW-2	09/06/18	3368.32	48.98	46.68	46.69	0.01	NA	NA	NA	3321.64	
RW-2	09/26/18	3368.32	48.98	Sheen	46.61	Sheen	NA	NA	NA	3321.71	
RW-2	10/03/18	3368.32	48.98	Sheen	46.62	Sheen	NA	Sheen	10.00	3321.70	
RW-2	10/11/18	3368.32	48.98	Sheen	46.65	Sheen	NA	Sheen	10.00	3321.67	
RW-2	10/17/18	3368.32	48.98	Sheen	46.02	Sheen	NA	Sheen	10.00	3322.30	
RW-2	10/24/18	3368.32	48.98	Sheen	46.55	Sheen	NA	Sheen	10.00	3321.77	
RW-2	10/31/18	3368.32	48.98	ND	46.55	ND	NA	NA	NA	3321.77	
RW-2	11/06/18	3368.32	48.98	Sheen	46.61	Sheen	NA	Sheen	10.00	3321.71	
RW-2	11/13/18	3368.32	48.98	ND	46.64	ND	NA	NA	NA	3321.68	
RW-2	11/21/18	3368.32	48.98	Sheen	46.44	Sheen	NA	NA	NA	3321.88	
RW-2	11/28/18	3368.32	48.98	46.32	46.33	0.01	NA	Sheen	10.00	3322.00	
RW-2	12/07/18	3368.32	48.98	46.35	46.37	0.02	NA	Sheen	10.00	3321.97	
RW-2	12/12/18	3368.32	48.98	ND	46.39	ND	NA	NA	NA	3321.93	
RW-2	12/18/18	3368.32	48.98	ND	46.40	ND	NA	NA	NA	3321.92	
RW-2	01/03/19	3368.32	48.98	ND	46.94	ND	NA	NA	NA	3321.38	
RW-2	01/08/19	3368.32	48.98	ND	46.48	ND	NA	NA	10.00	3321.84	
RW-2	01/17/19	3368.32	48.98	ND	46.34	ND	NA	NA	NA	3321.98	
RW-2	01/22/19	3368.32	48.98	Sheen	46.40	Sheen	NA	Sheen	10.00	3321.92	
RW-2	01/29/19	3368.32	48.98	ND	46.32	ND	NA	NA	NA	3322.00	
RW-2	02/05/19	3368.32	48.98	ND	46.36	ND	NA	Sheen	10.00	3321.96	
RW-2	02/12/19	3368.32	48.98	46.30	46.32	0.02	NA	Sheen	10.00	3322.02	
RW-2	02/22/19	3368.32	48.98	ND	46.28	ND	NA	Sheen	10.00	3322.04	
RW-2	02/27/19	3368.32	48.98	ND	46.20	ND	NA	NA	NA	3322.12	
RW-2	03/06/19	3368.32	48.98	ND	46.18	ND	NA	NA	NA	3322.14	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	03/12/19	3368.32	48.98	Sheen	46.19	Sheen	NA	Sheen	10.00	3322.13	
RW-2	03/22/19	3368.32	48.98	Sheen	46.22	Sheen	NA	Sheen	10.00	3322.10	
RW-2	03/28/19	3368.32	48.98	Sheen	46.16	Sheen	NA	Sheen	10.00	3322.16	
RW-2	04/02/19	3368.32	48.98	ND	46.16	ND	NA	NA	NA	3322.16	
RW-2	04/10/19	3368.32	48.98	ND	46.06	ND	NA	NA	NA	3322.26	
RW-2	04/16/19	3368.32	48.98	ND	46.09	ND	NA	NA	NA	3322.23	
RW-2	04/24/19	3368.32	48.98	ND	46.11	ND	NA	NA	NA	3322.21	
RW-2	05/01/19	3368.32	48.98	ND	46.01	ND	NA	NA	NA	3322.31	
RW-2	05/09/19	3368.32	48.98	Sheen	46.25	Sheen	NA	NA	NA	3322.07	Sampled
RW-2	05/17/19	3368.32	48.98	Sheen	46.28	Sheen	NA	NA	10.00	3322.04	
RW-2	05/24/19	3368.32	48.98	Sheen	46.27	Sheen	NA	NA	10.00	3322.05	
RW-2	06/05/19	3368.32	48.98	ND	46.28	ND	NA	NA	NA	3322.04	
RW-2	06/14/19	3368.32	48.98	ND	46.15	ND	NA	NA	NA	3322.17	
RW-2	06/20/19	3368.32	48.98	Sheen	46.29	Sheen	NA	NA	10.00	3322.03	
RW-2	06/25/19	3368.32	48.98	ND	46.20	ND	NA	NA	10.00	3322.12	
RW-2	07/02/19	3368.32	48.98	ND	46.18	ND	NA	NA	10.00	3322.14	
RW-2	07/10/19	3368.32	48.98	ND	46.78	ND	NA	NA	10.00	3321.54	
RW-2	07/26/19	3368.32	48.98	ND	46.13	ND	NA	NA	10.00	3322.19	
RW-2	08/11/19	3368.32	48.98	ND	46.25	ND	NA	NA	10.00	3322.07	
RW-2	08/14/19	3368.32	48.98	ND	46.32	ND	NA	NA	NA	3322.00	
RW-2	08/21/19	3368.32	48.98	Sheen	46.25	Sheen	NA	NA	NA	3322.07	
RW-2	09/06/19	3368.32	48.98	ND	46.34	ND	NA	NA	NA	3321.98	
RW-2	09/12/19	3368.32	48.98	ND	46.32	ND	NA	NA	NA	3322.00	
RW-2	09/19/19	3368.32	58.70	ND	46.29	ND	NA	NA	NA	3322.03	
RW-2	10/08/19	3368.32	58.70	ND	46.31	ND	NA	NA	NA	3322.01	
RW-2	10/16/19	3368.32	58.70	ND	46.35	ND	NA	NA	NA	3321.97	
RW-2	10/23/19	3368.32	58.70	ND	46.25	ND	NA	NA	NA	3322.07	
RW-2	10/31/19	3368.32	58.70	ND	46.34	ND	NA	NA	NA	3321.98	
RW-2	11/05/19	3368.32	48.98	Sheen	46.32	Sheen	NA	Sheen	10.00	3322.00	
RW-2	11/14/19	3368.32	58.70	46.46	46.53	0.07	NA	NA	NA	3321.85	
RW-2	11/26/19	3368.32	58.70	ND	46.15	ND	NA	NA	NA	3322.17	
RW-2	12/04/19	3368.32	58.70	ND	46.20	ND	NA	NA	NA	3322.12	
RW-2	12/13/19	3368.32	58.70	ND	46.14	ND	NA	NA	NA	3322.18	
RW-2	12/20/19	3368.32	58.70	ND	46.21	ND	NA	NA	NA	3322.11	
RW-2	12/26/19	3368.32	58.70	ND	46.22	ND	NA	NA	NA	3322.10	
RW-2	01/02/20	3368.32	48.98	ND	46.25	ND	NA	NA	NA	3322.07	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	01/09/20	3368.32	48.98	ND	46.02	ND	NA	NA	NA	3322.30	
RW-2	01/14/20	3368.32	58.70	ND	46.14	ND	NA	NA	NA	3322.18	
RW-2	01/30/20	3368.32	58.70	Sheen	46.10	Sheen	NA	NA	NA	3322.22	
RW-2	02/07/20	3368.32	58.70	Sheen	46.12	Sheen	NA	NA	NA	3322.20	
RW-2	02/12/20	3368.32	58.70	ND	46.02	ND	NA	NA	NA	3322.30	
RW-2	02/19/20	3368.32	58.70	ND	46.08	ND	NA	NA	NA	3322.24	
RW-2	02/26/20	3368.32	48.98	Sheen	46.16	Sheen	NA	Sheen	10.00	3322.16	
RW-2	03/05/20	3368.32	58.70	Sheen	46.20	Sheen	NA	NA	NA	3322.12	
RW-2	03/11/20	3368.32	58.70	Sheen	46.02	Sheen	NA	Sheen	10	3322.30	
RW-2	03/17/20	3368.32	58.70	Sheen	46.02	Sheen	NA	NA	NA	3322.30	Sampled
RW-2	03/23/20	3368.32	58.70	Sheen	46.05	Sheen	NA	NA	NA	3322.27	
RW-2	05/07/20	3368.32	58.70	Sheen	46.12	Sheen	NA	Sheen	10	3322.20	
RW-2	05/20/20	3368.32	58.70	ND	46.32	ND	NA	NA	NA	3322.00	
RW-2	06/03/20	3368.32	58.70	Sheen	46.28	Sheen	NA	Sheen	10	3322.04	
RW-2	06/24/20	3368.32	58.70	ND	45.94	ND	NA	NA	NA	3322.38	
RW-2	07/01/20	3368.32	58.70	ND	45.91	ND	NA	Sheen	10	3322.41	
RW-2	07/14/20	3368.32	58.70	ND	45.92	ND	NA	NA	NA	3322.40	
RW-2	07/29/20	3368.32	58.70	ND	45.90	ND	NA	NA	NA	3322.42	
RW-2	08/13/20	3368.32	58.70	ND	45.95	ND	NA	NA	NA	3322.37	
RW-2	08/25/20	3368.32	58.70	ND	46.02	ND	NA	NA	NA	3322.30	
RW-2	09/16/20	3368.32	58.70	Sheen	46.10	Sheen	NA	Sheen	10	3322.22	
RW-2	09/24/20	3368.32	58.70	Sheen	46.02	Sheen	NA	Sheen	10	3322.30	
RW-2	10/29/20	3368.32	58.70	ND	46.11	ND	NA	NA	NA	3322.21	
RW-2	11/10/20	3368.32	58.70	ND	46.14	ND	NA	NA	NA	3322.18	
RW-2	11/24/20	3368.32	58.70	ND	46.05	ND	NA	NA	NA	3322.27	
RW-2	12/08/20	3368.32	58.70	ND	46.10	ND	NA	NA	NA	3322.22	
RW-2	12/22/20	3368.32	58.70	ND	45.98	ND	NA	NA	NA	3322.34	
RW-2	01/05/21	3368.32	58.70	ND	45.98	ND	NA	NA	15	3322.34	
RW-2	01/19/21	3368.32	58.70	ND	46.08	ND	NA	NA	10	3322.24	
RW-2	02/02/21	3368.32	58.70	ND	45.93	ND	NA	NA	NA	3322.39	
RW-2	02/10/21	3368.32	58.70	Sheen	45.91	Sheen	NA	Sheen	10	3322.41	
RW-2	02/25/21	3368.32	58.70	ND	45.95	ND	NA	NA	NA	3322.37	
RW-2	03/02/21	3368.32	58.70	ND	45.92	ND	NA	NA	NA	3322.40	
RW-2	03/16/21	3368.32	58.70	Sheen	45.80	Sheen	NA	NA	NA	3322.52	Sampled
RW-2	03/31/21	3368.32	58.70	Sheen	46.03	Sheen	NA	Sheen	10	3322.29	
RW-2	04/16/21	3368.32	58.70	ND	45.90	ND	NA	NA	10	3322.42	

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								PSH	H_2O		
RW-2	04/26/21	3368.32	58.70	ND	45.93	ND	NA	NA	10	3322.39	
RW-2	05/14/21	3368.32	58.70	ND	45.81	ND	NA	NA	10	3322.51	
RW-2	05/27/21	3368.32	58.70	ND	45.80	ND	NA	NA	NA	3322.52	
RW-2	06/11/21	3368.32	58.70	Sheen	45.78	Sheen	NA	NA	10	3322.54	
RW-2	06/24/21	3368.32	58.70	Sheen	45.72	Sheen	NA	NA	NA	3322.60	
RW-2	07/08/21	3368.32	58.70	ND	45.82	ND	NA	NA	10	3322.50	
RW-2	07/23/21	3368.32	58.70	ND	45.78	ND	NA	NA	NA	3322.54	
RW-2	08/13/21	3368.32	58.70	ND	45.78	ND	NA	NA	NA	3322.54	
RW-2	08/26/21	3368.32	58.70	Sheen	45.99	Sheen	NA	NA	NA	3322.33	
RW-2	08/31/21	3368.32	58.70	45.88	45.90	0.02	NA	NA	NA	3322.44	
RW-2	09/10/21	3368.32	58.70	Sheen	45.91	Sheen	NA	NA	NA	3322.41	
RW-2	09/30/21	3368.32	58.70	45.95	46.03	0.08	NA	Sheen	10	3322.36	
RW-2	10/07/21	3368.32	58.70	Sheen	45.94	Sheen	NA	Sheen	10	3322.38	
RW-2	10/21/21	3368.32	58.70	Sheen	46.00	Sheen	NA	Sheen	10	3322.32	
RW-2	10/27/21	3368.32	58.70	45.78	45.81	0.03	NA	Sheen	10	3322.54	
RW-2	11/04/21	3368.32	58.70	45.95	46.02	0.07	NA	NA	NA	3322.36	
RW-2	11/17/21	3368.32	58.70	45.91	46.10	0.19	NA	2	8	3322.38	
RW-2	12/03/21	3368.32	58.70	45.85	46.10	0.25	NA	2	8	3322.43	
RW-2	12/14/21	3368.32	58.70	45.95	46.07	0.12	NA	NA	NA	3322.35	
RW-2	12/31/21	3368.32	58.70	45.89	46.10	0.21	NA	2	8	3322.40	
RW-2	01/27/22	3368.32	58.70	45.88	45.95	0.07	NA	Sheen	10	3322.43	
RW-2	02/10/22	3368.32	58.70	45.84	45.96	0.12	NA	Sheen	10	3322.46	
RW-2	02/25/22	3368.32	58.70	45.84	46.05	0.21	NA	0.25	9.75	3322.45	
RW-2	03/23/22	3368.32	58.70	45.82	45.89	0.07	NA	NA	NA	3322.49	
RW-2	03/31/22	3368.32	58.70	45.66	45.69	0.03	NA	0.25	9.75	3322.66	
RW-2	04/05/22	3368.32	58.70	45.88	45.90	0.02	NA	Sheen	10	3322.44	
RW-2	04/13/22	3368.32	58.70	Sheen	45.85	Sheen	NA	ND	10	3322.47	
RW-2	04/28/22	3368.32	58.70	Sheen	45,75	Sheen	NA	ND	10	45,75	
RW-2	05/12/22	3368.32	58.70	Sheen	45.80	Sheen	NA	ND	10	3322.52	
RW-2	05/24/22	3368.32	58.70	Sheen	45.80	Sheen	NA	2	8	3322.52	
RW-2	06/17/22	3368.32	58.70	Sheen	45.77	Sheen	NA	NA	NA	3322.55	
RW-2	06/22/22	3368.32	58.70	Sheen	46.44	Sheen	NA	Sheen	10	3321.88	Sampled
RW-2	07/21/22	3368.32	58.70	45.93	45.95	0.02	NA	Sheen	10	3322.39	
RW-2	08/18/22	3368.32	58.70	Sheen	46.09	Sheen	NA	NA	NA	3322.23	
RW-2	09/21/22	3368.32	58.70	ND	46.15	ND	NA	NA	10	3322.17	
RW-2	09/28/22	3368.32	58.70	46.14	46.16	0.02	NA	2	8	3322.18	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	10/07/22	3368.32	58.70	Sheen	46.18	Sheen	NA	2	8	3322.14	
RW-2	10/19/22	3368.32	58.70	Sheen	46.24	Sheen	NA	Sheen	10	3322.08	
RW-2	11/15/22	3368.32	58.70	ND	46.15	ND	NA	ND	10	3322.17	
RW-2	12/06/22	3368.32	58.70	46.01	46.03	0.02	NA	2	8	3322.31	
RW-2	12/29/22	3368.32	58.70	46.03	46.05	0.02	NA	ND	10	3322.29	
RW-3	01/04/18	3369.05	59.57	Sheen	47.85	Sheen	NA	NA	NA	3321.20	
RW-3	01/10/18	3369.05	59.57	Sheen	47.40	Sheen	NA	NA	NA	3321.65	
RW-3	01/18/18	3369.05	59.57	Sheen	47.73	Sheen	NA	NA	NA	3321.32	
RW-3	01/25/18	3369.05	59.57	Sheen	47.63	Sheen	NA	NA	NA	3321.42	
RW-3	02/01/18	3369.05	59.57	ND	47.15	ND	NA	NA	NA	3321.90	
RW-3	02/14/18	3369.05	59.57	ND	47.51	ND	NA	NA	NA	3321.54	
RW-3	02/21/18	3369.05	59.57	ND	47.60	ND	NA	NA	NA	3321.45	
RW-3	02/28/18	3369.05	59.57	ND	47.30	ND	NA	NA	NA	3321.75	
RW-3	03/07/18	3369.05	59.57	47.10	47.12	0.02	NA	NA	NA	3321.95	
RW-3	03/15/18	3369.05	59.57	Sheen	47.37	Sheen	NA	NA	NA	3321.68	
RW-3	03/22/18	3369.05	59.57	Sheen	47.50	Sheen	NA	NA	NA	3321.55	
RW-3	03/28/18	3369.05	59.57	Sheen	47.39	Sheen	NA	NA	NA	3321.66	
RW-3	04/04/18	3369.05	59.57	Sheen	47.49	Sheen	NA	NA	NA	3321.56	
RW-3	04/11/18	3369.05	59.57	Sheen	47.49	Sheen	NA	NA	NA	3321.56	
RW-3	04/19/18	3369.05	59.57	Sheen	47.44	Sheen	NA	NA	NA	3321.61	
RW-3	04/24/18	3369.05	59.57	Sheen	47.50	Sheen	NA	NA	NA	3321.55	
RW-3	05/09/18	3369.05	59.57	Sheen	47.32	Sheen	NA	NA	NA	3321.73	
RW-3	05/15/18	3369.05	59.57	Sheen	47.25	Sheen	NA	NA	NA	3321.80	
RW-3	05/22/18	3369.05	59.57	Sheen	47.22	Sheen	NA	NA	NA	3321.83	
RW-3	05/30/18	3369.05	59.57	Sheen	47.17	Sheen	NA	NA	NA	3321.88	
RW-3	06/05/18	3369.05	59.57	Sheen	47.17	Sheen	NA	Sheen	25.00	3321.88	Sampled
RW-3	06/13/18	3369.05	59.57	Sheen	47.20	Sheen	NA	NA	NA	3321.85	
RW-3	06/19/18	3369.05	59.57	Sheen	47.18	Sheen	NA	NA	NA	3321.87	
RW-3	06/29/18	3369.05	59.57	Sheen	47.20	Sheen	NA	NA	NA	3321.85	
RW-3	07/05/18	3369.05	59.57	ND	47.22	ND	NA	NA	NA	3321.83	
RW-3	07/11/18	3369.05	59.57	Sheen	47.20	Sheen	NA	NA	NA	3321.85	
RW-3	07/18/18	3369.05	59.57	Sheen	47.13	Sheen	NA	NA	NA	3321.92	
RW-3	07/26/18	3369.05	59.57	Sheen	47.18	Sheen	NA	NA	NA	3321.87	
RW-3	07/31/18	3369.05	59.57	47.19	47.20	0.01	NA	NA	NA	3321.86	
RW-3	08/07/18	3369.05	59.57	47.16	47.17	0.01	NA	NA	NA	3321.89	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	08/14/18	3369.05	59.57	47.15	47.16	0.01	NA	Sheen	10.00	3321.90	
RW-3	08/21/18	3369.05	59.57	Sheen	47.16	Sheen	NA	NA	NA	3321.89	
RW-3	08/30/18	3369.05	59.57	Sheen	47.21	Sheen	NA	NA	NA	3321.84	
RW-3	09/06/18	3369.05	59.57	Sheen	47.18	Sheen	NA	NA	NA	3321.87	
RW-3	09/26/18	3369.05	59.57	47.16	47.18	0.02	NA	Sheen	10.00	3321.89	
RW-3	10/03/18	3369.05	59.57	47.18	47.19	0.01	NA	Sheen	10.00	3321.87	
RW-3	10/11/18	3369.05	59.57	47.19	47.20	0.01	NA	NA	NA	3321.86	
RW-3	10/17/18	3369.05	59.57	46.77	46.79	0.02	NA	NA	NA	3322.28	
RW-3	10/24/18	3369.05	59.57	Sheen	46.81	Sheen	NA	NA	NA	3322.24	
RW-3	10/31/18	3369.05	59.57	Sheen	47.06	Sheen	NA	NA	NA	3321.99	
RW-3	11/06/18	3369.05	59.57	47.10	47.11	0.01	NA	NA	NA	3321.95	
RW-3	11/13/18	3369.05	59.57	47.13	47.14	0.01	NA	Sheen	10.00	3321.92	
RW-3	11/21/18	3369.05	59.57	47.04	47.05	0.01	NA	Sheen	10.00	3322.01	
RW-3	11/28/18	3369.05	59.57	46.85	46.86	0.01	NA	Sheen	10.00	3322.20	
RW-3	12/07/18	3369.05	59.57	46.87	46.90	0.03	NA	Sheen	10.00	3322.18	
RW-3	12/12/18	3369.05	59.57	46.88	46.89	0.01	NA	Sheen	10.00	3322.17	
RW-3	12/18/18	3369.05	59.57	Sheen	46.90	Sheen	NA	NA	NA	3322.15	
RW-3	01/03/19	3369.05	59.57	46.91	46.92	0.01	NA	Sheen	10.00	3322.14	
RW-3	01/08/19	3369.05	59.57	46.93	46.94	0.01	NA	NA	NA	3322.12	
RW-3	01/17/19	3369.05	59.57	ND	46.83	ND	NA	NA	NA	3322.22	
RW-3	01/22/19	3369.05	59.57	ND	46.90	ND	NA	NA	NA	3322.15	
RW-3	01/29/19	3369.05	59.57	Sheen	46.84	Sheen	NA	NA	NA	3322.21	
RW-3	02/05/19	3369.05	59.57	46.90	46.91	0.01	NA	NA	NA	3322.15	
RW-3	02/12/19	3369.05	59.57	46.79	46.80	0.01	NA	NA	NA	3322.26	
RW-3	02/22/19	3369.05	59.57	ND	46.82	ND	NA	NA	NA	3322.23	
RW-3	02/27/19	3369.05	59.57	46.88	46.89	0.01	NA	NA	NA	3322.17	
RW-3	03/06/19	3369.05	59.57	46.90	46.91	0.01	NA	NA	NA	3322.15	
RW-3	03/12/19	3369.05	59.57	46.91	46.92	0.01	NA	NA	NA	3322.14	
RW-3	03/22/19	3369.05	59.57	46.90	46.91	0.01	NA	NA	NA	3322.15	
RW-3	03/28/19	3369.05	59.57	46.68	46.69	0.01	NA	NA	NA	3322.37	
RW-3	04/02/19	3369.05	59.57	Sheen	46.55	Sheen	NA	NA	NA	3322.50	
RW-3	04/10/19	3369.05	59.57	Sheen	46.53	Sheen	NA	NA	NA	3322.52	
RW-3	04/16/19	3369.05	59.57	Sheen	46.58	Sheen	NA	NA	NA	3322.47	
RW-3	04/24/19	3369.05	59.57	Sheen	26.61	Sheen	NA	Sheen	10.00	3342.44	
RW-3	05/01/19	3369.05	59.57	Sheen	46.56	Sheen	NA	NA	NA	3322.49	
RW-3	05/09/19	3369.05	59.57	Sheen	46.74	Sheen	NA	Sheen	10.00	3322.31	Sampled

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	05/17/19	3369.05	59.57	Sheen	46.78	Sheen	NA	NA	NA	3322.27	
RW-3	05/24/19	3369.05	59.57	Sheen	46.80	Sheen	NA	NA	NA	3322.25	
RW-3	06/05/19	3369.05	59.57	Sheen	46.82	Sheen	NA	NA	NA	3322.23	PUMP
RW-3	06/14/19	3369.05	59.57	ND	46.61	ND	NA	NA	NA	3322.44	PUMP
RW-3	06/20/19	3369.05	59.57	Sheen	46.85	Sheen	NA	NA	NA	3322.20	PUMP
RW-3	06/25/19	3369.05	59.57	ND	46.62	ND	NA	NA	NA	3322.43	PUMP
RW-3	07/02/19	3369.05	59.57	ND	46.64	ND	NA	NA	NA	3322.41	PUMP
RW-3	07/10/19	3369.05	59.57	ND	46.60	ND	NA	NA	NA	3322.45	PUMP
RW-3	07/26/19	3369.05	59.57	46.61	46.62	0.01	NA	NA	NA	3322.44	PUMP
RW-3	08/11/19	3369.05	59.57	46.77	46.79	0.02	NA	NA	NA	3322.28	PUMP
RW-3	08/14/19	3369.05	59.57	Sheen	46.83	Sheen	NA	NA	NA	3322.22	PUMP
RW-3	08/21/19	3369.05	59.57	46.77	46.78	0.01	NA	NA	NA	3322.28	PUMP
RW-3	09/06/19	3369.05	59.57	Sheen	46.90	Sheen	NA	NA	NA	3322.15	PUMP
RW-3	09/12/19	3369.05	59.57	46.88	46.89	0.01	NA	NA	NA	3322.17	PUMP
RW-3	09/19/19	3369.05	59.57	Sheen	46.85	Sheen	NA	NA	NA	3322.20	PUMP
RW-3	10/08/19	3369.05	59.57	Sheen	46.78	Sheen	NA	NA	NA	3322.27	PUMP
RW-3	10/16/19	3369.05	59.57	Sheen	46.81	Sheen	NA	NA	NA	3322.24	PUMP
RW-3	10/23/19	3369.05	59.57	46.70	46.72	0.02	NA	NA	NA	3322.35	PUMP
RW-3	10/31/19	3369.05	59.57	46.81	46.82	0.01	NA	NA	NA	3322.24	PUMP
RW-3	11/05/19	3369.05	59.57	46.76	46.77	0.01	NA	Sheen	10.00	3322.29	
RW-3	11/14/19	3369.05	59.57	46.81	46.82	0.01	NA	NA	NA	3322.24	PUMP
RW-3	11/26/19	3369.05	59.57	46.80	46.83	0.03	NA	NA	NA	3322.25	PUMP
RW-3	12/04/19	3369.05	59.57	46.84	46.85	0.01	NA	NA	NA	3322.21	PUMP
RW-3	12/13/19	3369.05	59.57	46.61	46.65	0.04	NA	NA	NA	3322.43	PUMP
RW-3	12/20/19	3369.05	59.57	46.68	46.72	0.04	NA	NA	NA	3322.36	PUMP
RW-3	12/26/19	3369.05	59.57	46.65	46.71	0.06	NA	NA	NA	3322.39	PUMP
RW-3	01/02/20	3369.05	59.57	46.72	46.76	0.04	NA	NA	NA	3322.32	PUMP
RW-3	01/09/20	3369.05	59.57	46.56	46.60	0.04	NA	NA	NA	3322.48	PUMP
RW-3	01/14/20	3369.05	59.57	46.52	46.58	0.06	NA	NA	NA	3322.52	PUMP
RW-3	01/30/20	3369.05	59.57	Sheen	46.61	Sheen	NA	NA	NA	3322.44	PUMP
RW-3	02/07/20	3369.05	59.57	Sheen	46.58	Sheen	NA	NA	NA	3322.47	PUMP
RW-3	02/12/20	3369.05	59.57	46.51	46.52	0.01	NA	NA	NA	3322.54	PUMP
RW-3	02/19/20	3369.05	59.57	46.51	46.52	0.01	NA	NA	NA	3322.54	PUMP
RW-3	02/26/20	3369.05	59.57	46.68	46.72	0.04	NA	Sheen	10.00	3322.36	
RW-3	03/05/20	3369.05	59.57	46.60	46.72	0.12	NA	NA	NA	3322.43	PUMP
RW-3	03/11/20	3369.05	59.57	46.60	46.72	0.12	NA	NA	NA	3322.43	PUMP

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	03/17/20	3369.05	59.57	46.54	46.72	0.18	NA	NA	NA	3322.48	PUMP
RW-3	03/23/20	3369.05	59.57	Sheen	46.44	Sheen	NA	NA	NA	3322.61	PUMP
RW-3	05/07/20	3369.05	59.57	46.10	46.32	0.22	NA	NA	NA	3322.92	PUMP
RW-3	05/20/20	3369.05	59.57	46.26	46.38	0.12	NA	NA	NA	3322.77	PUMP
RW-3	06/03/20	3369.05	59.57	46.25	46.33	0.08	NA	NA	NA	3322.79	PUMP
RW-3	06/24/20	3369.05	59.57	Sheen	46.46	Sheen	NA	NA	NA	3322.59	PUMP
RW-3	07/01/20	3369.05	59.57	46.23	46.30	0.07	NA	NA	NA	3322.81	PUMP
RW-3	07/14/20	3369.05	59.57	Sheen	46.40	Sheen	NA	NA	NA	3322.65	PUMP
RW-3	07/29/20	3369.05	59.57	Sheen	46.36	Sheen	NA	NA	NA	3322.69	PUMP
RW-3	08/13/20	3369.05	59.57	Sheen	46.40	Sheen	NA	NA	NA	3322.65	PUMP
RW-3	08/25/20	3369.05	59.57	ND	46.36	ND	NA	NA	NA	3322.69	PUMP
RW-3	09/16/20	3369.05	59.57	sheen	46.61	sheen	NA	NA	NA	3322.44	PUMP
RW-3	09/24/20	3369.05	59.57	Sheen	46.53	Sheen	NA	NA	NA	3322.52	PUMP
RW-3	10/29/20	3369.05	59.57	46.58	46.61	0.03	NA	NA	NA	3322.47	PUMP
RW-3	11/10/20	3369.05	59.57	46.60	46.62	0.02	NA	NA	NA	3322.45	PUMP
RW-3	11/24/20	3369.05	59.57	46.42	46.48	0.06	NA	NA	NA	3322.62	PUMP
RW-3	12/08/20	3369.05	59.57	46.48	46.59	0.11	NA	NA	NA	3322.55	PUMP
RW-3	12/22/20	3369.05	59.57	46.32	46.48	0.16	NA	NA	NA	3322.71	PUMP
RW-3	01/05/21	3369.05	59.57	46.45	46.49	0.04	NA	Sheen	15	3322.59	PUMP
RW-3	01/19/21	3369.05	59.57	46.36	46.62	0.26	NA	NA	NA	3322.65	PUMP
RW-3	02/02/21	3369.05	59.57	46.41	46.42	0.01	NA	NA	NA	3322.64	PUMP
RW-3	02/10/21	3369.05	59.57	46.32	46.38	0.06	NA	NA	NA	3322.72	PUMP
RW-3	02/25/21	3369.05	59.57	46.30	46.42	0.12	NA	NA	NA	3322.73	PUMP
RW-3	03/02/21	3369.05	59.57	46.28	46.31	0.03	NA	NA	NA	3322.77	PUMP
RW-3	03/16/21	3369.05	59.57	46.20	46.29	0.09	NA	Sheen	10	3322.84	PUMP
RW-3	03/31/21	3369.05	59.57	Sheen	46.50	Sheen	NA	NA	NA	3322.55	PUMP
RW-3	04/16/21	3369.05	59.57	Sheen	46.40	Sheen	NA	NA	NA	3322.65	PUMP
RW-3	04/26/21	3369.05	59.57	Sheen	46.38	Sheen	NA	NA	NA	3322.67	PUMP
RW-3	05/14/21	3369.05	59.57	ND	46.41	ND	NA	NA	NA	3322.64	PUMP
RW-3	05/27/21	3369.05	59.57	ND	46.37	ND	NA	NA	NA	3322.68	PUMP
RW-3	06/11/21	3369.05	59.57	46.19	47.25	1.06	NA	NA	NA	3322.70	PUMP
RW-3	06/24/21	3369.05	59.57	46.23	46.32	0.09	NA	NA	NA	3322.81	PUMP
RW-3	07/08/21	3369.05	59.57	Sheen	46.26	Sheen	NA	NA	NA	3322.79	PUMP
RW-3	07/23/21	3369.05	59.57	ND	46.40	ND	NA	NA	NA	3322.65	PUMP
RW-3	08/13/21	3369.05	59.57	Sheen	46.42	Sheen	NA	NA	NA	3322.63	PUMP
RW-3	08/26/21	3369.05	59.57	46.44	46.50	0.06	NA	NA	NA	3322.60	PUMP

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	08/31/21	3369.05	59.57	46.35	46.37	0.02	NA	NA	NA	3322.70	PUMP
RW-3	09/10/21	3369.05	59.57	46.37	46.38	0.01	NA	NA	NA	3322.68	PUMP
RW-3	09/30/21	3369.05	59.57	46.40	46.48	0.08	NA	NA	NA	3322.64	PUMP
RW-3	10/07/21	3369.05	59.57	46.43	46.44	0.01	NA	NA	NA	3322.62	PUMP
RW-3	10/21/21	3369.05	59.57	46.44	46.46	0.02	NA	NA	NA	3322.61	PUMP
RW-3	10/27/21	3369.05	59.57	46.38	46.45	0.07	NA	NA	NA	3322.66	PUMP
RW-3	11/04/21	3369.05	59.57	46.55	46.56	0.01	NA	NA	NA	3322.50	PUMP
RW-3	11/17/21	3369.05	59.57	46.48	46.50	0.02	NA	NA	NA	3322.57	PUMP
RW-3	12/03/21	3369.05	59.57	46.30	46.38	0.08	NA	NA	NA	3322.74	PUMP
RW-3	12/14/21	3369.05	59.57	46.46	46.47	0.01	NA	NA	NA	3322.59	PUMP
RW-3	12/31/21	3369.05	59.57	ND	46.49	ND	NA	NA	NA	3322.56	PUMP
RW-3	01/27/22	3369.05	59.57	46.35	46.37	0.02	NA	NA	NA	3322.70	PUMP
RW-3	02/10/22	3369.05	59.57	46.38	46.41	0.03	NA	NA	NA	3322.67	PUMP
RW-3	02/25/22	3369.05	59.57	46.30	46.84	0.54	NA	NA	NA	3322.67	PUMP
RW-3	03/23/22	3369.05	59.57	46.34	46.40	0.06	NA	NA	NA	3322.70	PUMP
RW-3	03/31/22	3369.05	59.57	46.24	46.78	0.54	NA	NA	NA	3322.73	PUMP
RW-3	04/05/22	3369.05	59.57	46.38	46.40	0.02	NA	NA	NA	3322.67	PUMP
RW-3	04/13/22	3369.05	59.57	46.34	46.45	0.11	NA	NA	NA	3322.69	PUMP
RW-3	04/28/22	3369.05	59.57	46.25	46.34	0.09	NA	NA	NA	3322.79	PUMP
RW-3	05/12/22	3369.05	59.57	46.42	46.47	0.05	NA	NA	NA	3322.62	PUMP
RW-3	05/24/22	3369.05	59.57	46.38	46.44	0.06	NA	NA	NA	3322.66	PUMP
RW-3	06/17/22	3369.05	59.57	46.41	46.48	0.07	NA	NA	NA	3322.63	PUMP
RW-3	06/22/22	3369.05	59.57	46.39	46.44	0.05	NA	NA	NA	3322.65	PUMP
RW-3	07/21/22	3369.05	59.57	46.40	46.42	0.02	NA	NA	NA	3322.65	PUMP
RW-3	08/18/22	3369.05	59.57	46.46	46.49	0.03	NA	NA	NA	3322.59	PUMP
RW-3	09/21/22	3369.05	59.57	46.59	46.62	0.03	NA	NA	NA	3322.46	PUMP
RW-3	09/28/22	3369.05	59.57	46.51	46.54	0.03	NA	NA	NA	3322.54	PUMP
RW-3	10/07/22	3369.05	59.57	46.68	46.69	0.01	NA	NA	NA	3322.37	PUMP
RW-3	10/19/22	3369.05	59.57	46.66	46.71	0.05	NA	NA	NA	3322.38	PUMP
RW-3	11/15/22	3369.05	59.57	46.51	46.59	0.08	NA	NA	NA	3322.53	PUMP
RW-3	12/06/22	3369.05	59.57	46.53	46.56	0.03	NA	NA	NA	3322.52	PUMP
RW-3	12/29/22	3369.05	59.57	ND	46.56	ND	NA	NA	NA	3322.49	PUMP
RW-4	01/04/18	3367.11	57.63	Sheen	46.53	Sheen	NA	Sheen	10.00	3320.58	
RW-4	01/10/18	3367.11	57.63	ND	46.36	ND	NA	NA	NA	3320.75	
RW-4	01/18/18	3367.11	57.63	Sheen	46.39	Sheen	NA	NA	NA	3320.72	

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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-4	01/25/18	3367.11	57.63	Sheen	46.28	Sheen	NA	NA	NA	3320.83	
RW-4	02/01/18	3367.11	57.63	Sheen	46.30	Sheen	NA	NA	NA	3320.81	
RW-4	02/14/18	3367.11	57.63	Sheen	46.15	Sheen	NA	NA	NA	3320.96	
RW-4	02/21/18	3367.11	57.63	Sheen	46.20	Sheen	NA	Sheen	10.00	3320.91	
RW-4	02/28/18	3367.11	57.63	Sheen	46.05	Sheen	NA	Sheen	10.00	3321.06	
RW-4	03/07/18	3367.11	57.63	ND	46.10	ND	NA	NA	NA	3321.01	Sampled
RW-4	03/15/18	3367.11	57.63	Sheen	46.02	Sheen	NA	NA	10.00	3321.09	
RW-4	03/22/18	3367.11	57.63	Sheen	46.14	Sheen	NA	NA	NA	3320.97	
RW-4	03/28/18	3367.11	57.63	ND	46.06	ND	NA	NA	10.00	3321.05	
RW-4	04/04/18	3367.11	57.63	ND	46.19	ND	NA	NA	10.00	3320.92	
RW-4	04/11/18	3367.11	57.63	ND	46.10	ND	NA	NA	NA	3321.01	
RW-4	04/19/18	3367.11	57.63	ND	46.15	ND	NA	NA	NA	3320.96	
RW-4	04/24/18	3367.11	57.63	ND	46.18	ND	NA	NA	NA	3320.93	
RW-4	05/09/18	3367.11	57.63	ND	46.02	ND	NA	NA	NA	3321.09	
RW-4	05/15/18	3367.11	57.63	Sheen	45.90	Sheen	NA	NA	10.00	3321.21	
RW-4	05/22/18	3367.11	57.63	ND	45.86	ND	NA	NA	NA	3321.25	
RW-4	05/30/18	3367.11	57.63	ND	45.84	ND	NA	NA	NA	3321.27	
RW-4	06/05/18	3367.11	57.63	Sheen	45.87	Sheen	NA	Sheen	24.00	3321.24	Sampled
RW-4	06/13/18	3367.11	57.63	ND	45.91	ND	NA	NA	NA	3321.20	
RW-4	06/19/18	3367.11	57.63	ND	45.90	ND	NA	NA	NA	3321.21	
RW-4	06/29/18	3367.11	57.63	Sheen	45.87	Sheen	NA	NA	10.00	3321.24	
RW-4	07/05/18	3367.11	57.63	ND	45.92	ND	NA	NA	NA	3321.19	
RW-4	07/11/18	3367.11	57.63	ND	45.88	ND	NA	NA	NA	3321.23	
RW-4	07/18/18	3367.11	57.63	ND	45.85	ND	NA	NA	NA	3321.26	
RW-4	07/26/18	3367.11	57.63	ND	45.85	ND	NA	NA	NA	3321.26	
RW-4	07/31/18	3367.11	57.63	ND	45.82	ND	NA	NA	NA	3321.29	
RW-4	08/07/18	3367.11	57.63	ND	45.82	ND	NA	NA	NA	3321.29	
RW-4	08/14/18	3367.11	57.63	Sheen	45.80	Sheen	NA	Sheen	10.00	3321.31	
RW-4	08/21/18	3367.11	57.63	ND	45.80	ND	NA	NA	NA	3321.31	
RW-4	08/30/18	3367.11	57.63	Sheen	45.84	Sheen	NA	NA	NA	3321.27	
RW-4	09/06/18	3367.11	57.63	45.85	45.86	0.01	NA	NA	NA	3321.26	
RW-4	09/26/18	3367.11	57.63	Sheen	45.84	Sheen	NA	NA	NA	3321.27	
RW-4	10/03/18	3367.11	57.63	Sheen	45.85	Sheen	NA	Sheen	10.00	3321.26	
RW-4	10/11/18	3367.11	57.63	ND	45.86	ND	NA	NA	NA	3321.25	
RW-4	10/17/18	3367.11	57.63	Sheen	45.32	Sheen	NA	Sheen	10.00	3321.79	
RW-4	10/24/18	3367.11	57.63	Sheen	45.71	Sheen	NA	Sheen	10.00	3321.40	

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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-4	10/31/18	3367.11	57.63	ND	45.68	ND	NA	NA	NA	3321.43	
RW-4	11/06/18	3367.11	57.63	ND	45.75	ND	NA	NA	NA	3321.36	
RW-4	11/13/18	3367.11	57.63	Sheen	45.78	Sheen	NA	Sheen	10.00	3321.33	
RW-4	11/21/18	3367.11	57.63	Sheen	45.63	Sheen	NA	NA	NA	3321.48	
RW-4	11/28/18	3367.11	57.63	ND	45.51	ND	NA	NA	NA	3321.60	
RW-4	12/07/18	3367.11	57.63	Sheen	45.50	Sheen	NA	NA	NA	3321.61	
RW-4	12/12/18	3367.11	57.63	ND	45.52	ND	NA	NA	NA	3321.59	
RW-4	12/18/18	3367.11	57.63	ND	45.50	ND	NA	NA	NA	3321.61	
RW-4	01/03/19	3367.11	57.63	ND	45.53	ND	NA	NA	NA	3321.58	
RW-4	01/08/19	3367.11	57.63	45.60	45.61	0.01	NA	Sheen	10.00	3321.51	
RW-4	01/17/19	3367.11	57.63	ND	45.49	ND	NA	NA	10.00	3321.62	
RW-4	01/22/19	3367.11	57.63	ND	45.58	ND	NA	NA	10.00	3321.53	
RW-4	01/29/19	3367.11	57.63	Sheen	45.51	Sheen	NA	Sheen	10.00	3321.60	
RW-4	02/05/19	3367.11	57.63	ND	45.56	ND	NA	NA	NA	3321.55	
RW-4	02/12/19	3367.11	57.63	45.45	45.47	0.02	NA	NA	NA	3321.66	
RW-4	02/22/19	3367.11	57.63	ND	45.48	ND	NA	NA	NA	3321.63	
RW-4	02/27/19	3367.11	57.63	ND	45.50	ND	NA	NA	NA	3321.61	
RW-4	03/05/19	3367.11	57.63	Sheen	45.56	Sheen	NA	NA	10.00	3321.55	
RW-4	03/12/19	3367.11	57.63	Sheen	45.58	Sheen	NA	NA	NA	3321.53	
RW-4	03/22/19	3367.11	57.63	46.60	46.61	0.01	NA	Sheen	10.00	3320.51	
RW-4	03/28/19	3367.11	57.63	45.38	45.39	0.01	NA	Sheen	10.00	3321.73	
RW-4	04/02/19	3367.11	57.63	Sheen	45.30	Sheen	NA	NA	NA	3321.81	
RW-4	04/10/19	3367.11	57.63	Sheen	45.22	Sheen	NA	NA	NA	3321.89	
RW-4	04/16/19	3367.11	57.63	Sheen	45.25	Sheen	NA	NA	NA	3321.86	
RW-4	04/24/19	3367.11	57.63	ND	45.27	ND	NA	NA	NA	3321.84	
RW-4	05/01/19	3367.11	57.63	Sheen	45.12	Sheen	NA	NA	NA	3321.99	
RW-4	05/09/19	3367.11	57.63	ND	45.46	ND	NA	NA	NA	3321.65	
RW-4	05/17/19	3367.11	57.63	ND	45.50	ND	NA	NA	NA	3321.61	
RW-4	05/24/19	3367.11	57.63	ND	45.49	ND	NA	NA	NA	3321.62	
RW-4	06/05/19	3367.11	57.63	ND	45.49	ND	NA	NA	NA	3321.62	
RW-4	06/14/19	3367.11	57.63	ND	45.30	ND	NA	NA	NA	3321.81	
RW-4	06/20/19	3367.11	57.63	Sheen	45.50	Sheen	NA	NA	10.00	3321.61	
RW-4	06/25/19	3367.11	57.63	ND	45.34	ND	NA	NA	NA	3321.77	
RW-4	07/02/19	3367.11	57.63	Sheen	45.35	Sheen	NA	NA	10.00	3321.76	
RW-4	07/10/19	3367.11	57.63	ND	45.40	ND	NA	NA	10.00	3321.71	
RW-4	07/26/19	3367.11	57.63	ND	45.30	ND	NA	NA	NA	3321.81	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-4	08/11/19	3367.11	57.63	Sheen	45.46	Sheen	NA	Sheen	10.00	3321.65	
RW-4	08/14/19	3367.11	57.63	Sheen	45.52	Sheen	NA	Sheen	10.00	3321.59	
RW-4	08/21/19	3367.11	57.63	Sheen	45.40	Sheen	NA	NA	NA	3321.71	
RW-4	09/06/19	3367.11	57.63	ND	45.48	ND	NA	NA	NA	3321.63	
RW-4	09/12/19	3367.11	57.63	ND	45.51	ND	NA	NA	NA	3321.60	
RW-4	09/19/19	3367.11	57.63	ND	43.48	ND	NA	NA	NA	3323.63	
RW-4	10/08/19	3367.11	57.63	Sheen	45.48	Sheen	NA	NA	NA	3321.63	
RW-4	10/16/19	3367.11	57.63	ND	45.53	ND	NA	NA	NA	3321.58	
RW-4	10/23/19	3367.11	57.63	ND	45.42	ND	NA	NA	NA	3321.69	
RW-4	10/31/19	3367.11	57.63	ND	45.49	ND	NA	NA	NA	3321.62	
RW-4	11/05/19	3367.11	57.63	ND	45.50	ND	NA	NA	NA	3321.61	
RW-4	11/14/19	3367.11	57.63	45.50	45.52	0.02	NA	Sheen	10	3321.61	
RW-4	11/26/19	3367.11	57.63	ND	45.31	ND	NA	NA	NA	3321.80	
RW-4	12/04/19	3367.11	57.63	45.36	45.37	0.01	NA	Sheen	10	3321.75	
RW-4	12/13/19	3367.11	57.63	ND	45.31	ND	NA	NA	NA	3321.80	
RW-4	12/20/19	3367.11	57.63	ND	45.39	ND	NA	NA	NA	3321.72	
RW-4	12/26/19	3367.11	57.63	ND	45.35	ND	NA	NA	NA	3321.76	
RW-4	01/02/20	3367.11	57.63	ND	45.38	ND	NA	NA	NA	3321.73	
RW-4	01/09/20	3367.11	57.63	ND	45.28	ND	NA	NA	NA	3321.83	
RW-4	01/14/20	3367.11	57.63	ND	45.32	ND	NA	NA	NA	3321.79	
RW-4	01/30/20	3367.11	57.63	ND	45.25	ND	NA	NA	NA	3321.86	
RW-4	02/07/20	3367.11	57.63	ND	45.28	ND	NA	NA	NA	3321.83	
RW-4	02/12/20	3367.11	57.63	ND	45.20	ND	NA	NA	NA	3321.91	
RW-4	02/19/20	3367.11	57.63	Sheen	45.22	Sheen	NA	Sheen	10	3321.89	
RW-4	02/26/20	3367.11	57.63	Sheen	45.35	Sheen	NA	Sheen	10.00	3321.76	
RW-4	03/05/20	3367.11	57.63	Sheen	45.28	Sheen	NA	Sheen	10	3321.83	
RW-4	03/11/20	3367.11	57.63	Sheen	45.20	Sheen	NA	Sheen	10	3321.91	
RW-4	03/17/20	3367.11	57.63	Sheen	45.21	Sheen	NA	Sheen	10	3321.90	Sampled
RW-4	03/23/20	3367.11	57.63	Sheen	45.21	Sheen	NA	Sheen	10	3321.90	
RW-4	05/07/20	3367.11	57.63	Sheen	45.14	Sheen	NA	Sheen	10	3321.97	
RW-4	05/20/20	3367.11	57.63	ND	45.02	ND	NA	NA	NA	3322.09	
RW-4	06/03/20	3367.11	57.63	Sheen	45.02	Sheen	NA	Sheen	10	3322.09	
RW-4	06/24/20	3367.11	57.63	Sheen	45.13	Sheen	NA	NA	NA	3321.98	
RW-4	07/01/20	3367.11	57.63	ND	45.12	ND	NA	Sheen	10	3321.99	
RW-4	07/14/20	3367.11	57.63	ND	45.09	ND	NA	Sheen	10	3322.02	
RW-4	07/29/20	3367.11	57.63	ND	45.05	ND	NA	NA	NA	3322.06	

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								PSH	H_2O		
RW-4	08/13/20	3367.11	57.63	ND	45.10	ND	NA	NA	NA	3322.01	
RW-4	08/25/20	3367.11	57.63	ND	45.20	ND	NA	NA	NA	3321.91	
RW-4	09/16/20	3367.11	57.63	Sheen	45.28	Sheen	NA	Sheen	10	3321.83	
RW-4	09/24/20	3367.11	57.63	Sheen	45.19	Sheen	NA	Sheen	10	3321.92	
RW-4	10/29/20	3367.11	57.63	45.30	45.31	0.01	NA	Sheen	10	3321.81	
RW-4	11/10/20	3367.11	57.63	45.34	45.35	0.01	NA	Sheen	10	3321.77	
RW-4	11/24/20	3367.11	57.63	Sheen	45.22	Sheen	NA	Sheen	10	3321.89	
RW-4	12/08/20	3367.11	57.63	Sheen	45.26	Sheen	NA	Sheen	10	3321.85	
RW-4	12/22/20	3367.11	57.63	Sheen	45.15	Sheen	NA	Sheen	10	3321.96	
RW-4	01/05/21	3367.11	57.63	Sheen	45.16	Sheen	NA	Sheen	15	3321.95	
RW-4	01/19/21	3367.11	57.63	ND	45.27	ND	NA	NA	10	3321.84	
RW-4	02/02/21	3367.11	57.63	Sheen	45.10	Sheen	NA	NA	NA	3322.01	
RW-4	02/10/21	3367.11	57.63	ND	45.07	ND	NA	Sheen	10	3322.04	
RW-4	02/25/21	3367.11	57.63	ND	45.12	ND	NA	Sheen	10	3321.99	
RW-4	03/02/21	3367.11	57.63	ND	45.08	ND	NA	Sheen	10	3322.03	
RW-4	03/16/21	3367.11	57.63	Sheen	44.98	Sheen	NA	Sheen	10	3322.13	Sampled
RW-4	03/31/21	3367.11	57.63	Sheen	45.22	Sheen	NA	Sheen	10	3321.89	
RW-4	04/16/21	3367.11	57.63	ND	45.08	ND	NA	NA	10	3322.03	
RW-4	04/26/21	3367.11	57.63	ND	45.12	ND	NA	NA	10	3321.99	
RW-4	05/14/21	3367.11	57.63	ND	45.19	ND	NA	NA	10	3321.92	
RW-4	05/27/21	3367.11	57.63	ND	45.20	ND	NA	NA	10	3321.91	
RW-4	06/11/21	3367.11	57.63	Sheen	44.96	Sheen	NA	NA	10	3322.15	
RW-4	06/24/21	3367.11	57.63	Sheen	44.92	Sheen	NA	NA	10	3322.19	
RW-4	07/08/21	3367.11	57.63	ND	45.28	ND	NA	NA	10	3321.83	
RW-4	07/23/21	3367.11	57.63	ND	45.34	ND	NA	NA	10	3321.77	
RW-4	08/13/21	3367.11	57.63	ND	45.27	ND	NA	NA	10	3321.84	
RW-4	08/26/21	3367.11	57.63	Sheen	45.12	Sheen	NA	NA	10	3321.99	
RW-4	08/31/21	3367.11	57.63	Sheen	45.08	Sheen	NA	NA	10	3322.03	
RW-4	09/10/21	3367.11	57.63	ND	45.12	ND	NA	NA	10	3321.99	
RW-4	09/30/21	3367.11	57.63	ND	45.10	ND	NA	NA	10	3322.01	
RW-4	10/07/21	3367.11	57.63	ND	45.10	ND	NA	NA	10	3322.01	
RW-4	10/21/21	3367.11	57.63	ND	45.16	ND	NA	NA	10	3321.95	
RW-4	10/27/21	3367.11	57.63	ND	45.07	ND	NA	NA	10	3322.04	
RW-4	11/04/21	3367.11	57.63	ND	45.15	ND	NA	NA	10	3321.96	
RW-4	11/17/21	3367.11	57.63	ND	45.19	ND	NA	NA	10	3321.92	
RW-4	12/03/21	3367.11	57.63	ND	45.01	ND	NA	NA	10	3322.10	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-4	12/14/21	3367.11	57.63	Sheen	45.10	Sheen	NA	NA	10	3322.01	
RW-4	12/31/21	3367.11	57.63	ND	45.13	ND	NA	NA	10	3321.98	
RW-4	01/27/22	3367.11	57.63	Sheen	45.01	Sheen	NA	Sheen	10	3322.10	
RW-4	02/10/22	3367.11	57.63	Sheen	45.06	Sheen	NA	NA	10	3322.05	
RW-4	02/25/22	3367.11	57.63	ND	45.00	ND	NA	NA	NA	3322.11	
RW-4	03/23/22	3367.11	57.63	44.99	45.00	0.01	NA	NA	10	3322.12	
RW-4	03/31/22	3367.11	57.63	ND	44.83	ND	NA	NA	10	3322.28	
RW-4	04/05/22	3367.11	57.63	ND	45.04	ND	NA	NA	10	3322.07	
RW-4	04/13/22	3367.11	57.63	Sheen	45.01	Sheen	NA	NA	10	3322.10	
RW-4	04/28/22	3367.11	57.63	ND	44.90	ND	NA	NA	10	3322.21	
RW-4	05/12/22	3367.11	57.63	ND	44.97	ND	NA	NA	10	3322.14	
RW-4	05/24/22	3367.11	57.63	Sheen	44.95	Sheen	NA	NA	10	3322.16	
RW-4	06/17/22	3367.11	57.63	Sheen	45.02	Sheen	NA	NA	10	3322.09	
RW-4	06/22/22	3367.11	57.63	Sheen	46.46	Sheen	NA	NA	NA	3320.65	Sampled
RW-4	07/21/22	3367.11	57.63	ND	45.09	ND	NA	NA	NA	3322.02	
RW-4	08/18/22	3367.11	57.63	ND	45.24	ND	NA	NA	NA	3321.87	
RW-4	09/21/22	3367.11	57.63	ND	45.31	ND	NA	NA	NA	3321.80	
RW-4	09/28/22	3367.11	57.63	ND	45.30	ND	NA	NA	NA	3321.81	Sampled
RW-4	10/07/22	3367.11	57.63	ND	45.33	ND	NA	NA	10	3321.78	
RW-4	10/19/22	3367.11	57.63	ND	45.35	ND	NA	NA	NA	3321.76	
RW-4	11/15/22	3367.11	57.63	ND	45.34	ND	NA	NA	NA	3321.77	
RW-4	12/06/22	3367.11	57.63	ND	45.18	ND	NA	NA	NA	3321.93	Sampled
RW-4	12/29/22	3367.11	57.63	ND	45.23	ND	NA	NA	NA	3321.88	Sampled
RW-5	01/04/18	3368.34	59.73	Sheen	47.35	Sheen	NA	Sheen	10.00	3320.99	
RW-5	01/10/18	3368.34	59.73	ND	47.20	ND	NA	NA	NA	3321.14	
RW-5	01/18/18	3368.34	59.73	Sheen	48.19	Sheen	NA	NA	NA	3320.15	
RW-5	01/25/18	3368.34	59.73	Sheen	47.10	Sheen	NA	NA	NA	3321.24	
RW-5	02/01/18	3368.34	59.73	ND	47.10	ND	NA	NA	NA	3321.24	
RW-5	02/14/18	3368.34	59.73	Sheen	46.96	Sheen	NA	NA	NA	3321.38	
RW-5	02/21/18	3368.34	59.73	Sheen	47.03	Sheen	NA	Sheen	10.00	3321.31	
RW-5	02/28/18	3368.34	59.73	Sheen	46.80	Sheen	NA	NA	NA	3321.54	
RW-5	03/07/18	3368.34	59.73	Sheen	46.40	Sheen	NA	NA	NA	3321.94	Sampled
RW-5	03/15/18	3368.34	59.73	Sheen	46.82	Sheen	NA	NA	10.00	3321.52	
RW-5	03/22/18	3368.34	59.73	Sheen	46.95	Sheen	NA	NA	NA	3321.39	
RW-5	03/28/18	3368.34	59.73	Sheen	46.88	Sheen	NA	NA	10.00	3321.46	

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-5	04/04/18	3368.34	59.73	Sheen	46.99	Sheen	NA	NA	10.00	3321.35	
RW-5	04/11/18	3368.34	59.73	Sheen	46.92	Sheen	NA	Sheen	10.00	3321.42	
RW-5	04/19/18	3368.34	59.73	Sheen	47.03	Sheen	NA	Sheen	10.00	3321.31	
RW-5	04/24/18	3368.34	59.73	Sheen	46.98	Sheen	NA	Sheen	10.00	3321.36	
RW-5	05/09/18	3368.34	59.73	ND	46.80	ND	NA	NA	NA	3321.54	
RW-5	05/15/18	3368.34	59.73	ND	46.72	ND	NA	NA	NA	3321.62	
RW-5	05/22/18	3368.34	59.73	ND	46.70	ND	NA	NA	NA	3321.64	
RW-5	05/30/18	3368.34	59.73	ND	46.65	ND	NA	NA	NA	3321.69	
RW-5	06/05/18	3368.34	59.73	Sheen	46.67	Sheen	NA	Sheen	26.00	3321.67	Sampled
RW-5	06/13/18	3368.34	59.73	Sheen	46.70	Sheen	NA	Sheen	10.00	3321.64	
RW-5	06/19/18	3368.34	59.73	ND	46.68	ND	NA	NA	NA	3321.66	
RW-5	06/29/18	3368.34	59.73	Sheen	46.67	Sheen	NA	Sheen	10.00	3321.67	
RW-5	07/05/18	3368.34	59.73	ND	46.73	ND	NA	Sheen	10.00	3321.61	
RW-5	07/11/18	3368.34	59.73	ND	46.70	ND	NA	NA	NA	3321.64	
RW-5	07/18/18	3368.34	59.73	Sheen	46.65	Sheen	NA	Sheen	10.00	3321.69	
RW-5	07/26/18	3368.34	59.73	ND	46.68	ND	NA	NA	NA	3321.66	
RW-5	07/31/18	3368.34	59.73	ND	46.67	ND	NA	NA	NA	3321.67	
RW-5	08/07/18	3368.34	59.73	ND	46.65	ND	NA	NA	NA	3321.69	
RW-5	08/14/18	3368.34	59.73	ND	46.60	ND	NA	NA	10.00	3321.74	
RW-5	08/21/18	3368.34	59.73	ND	46.58	ND	NA	NA	NA	3321.76	
RW-5	08/30/18	3368.34	59.73	Sheen	46.61	Sheen	NA	NA	NA	3321.73	
RW-5	09/06/18	3368.34	59.73	Sheen	46.67	Sheen	NA	NA	NA	3321.67	
RW-5	09/26/18	3368.34	59.73	ND	46.62	ND	NA	NA	NA	3321.72	
RW-5	10/03/18	3368.34	59.73	Sheen	46.61	Sheen	NA	Sheen	10.00	3321.73	
RW-5	10/11/18	3368.34	59.73	ND	46.65	ND	NA	NA	NA	3321.69	
RW-5	10/17/18	3368.34	59.73	ND	46.11	ND	NA	NA	NA	3322.23	
RW-5	10/24/18	3368.34	59.73	Sheen	46.54	Sheen	NA	Sheen	10.00	3321.80	
RW-5	10/31/18	3368.34	59.73	ND	46.53	ND	NA	NA	NA	3321.81	
RW-5	11/06/18	3368.34	59.73	ND	46.55	ND	NA	NA	NA	3321.79	
RW-5	11/13/18	3368.34	59.73	ND	46.60	ND	NA	NA	NA	3321.74	
RW-5	11/21/18	3368.34	59.73	Sheen	46.42	Sheen	NA	NA	NA	3321.92	
RW-5	11/28/18	3368.34	59.73	ND	46.33	ND	NA	NA	NA	3322.01	
RW-5	12/07/18	3368.34	59.73	ND	46.30	ND	NA	NA	NA	3322.04	
RW-5	12/12/18	3368.34	59.73	ND	46.30	ND	NA	NA	NA	3322.04	
RW-5	12/18/18	3368.34	59.73	ND	46.33	ND	NA	NA	NA	3322.01	
RW-5	01/03/19	3368.34	59.73	ND	46.38	ND	NA	NA	NA	3321.96	
RW-5	01/08/19	3368.34	59.73	ND	46.48	ND	NA	NA	NA	3321.86	

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-5	01/17/19	3368.34	59.73	ND	46.30	ND	NA	NA	10.00	3322.04	
RW-5	01/22/19	3368.34	59.73	ND	46.40	ND	NA	NA	10.00	3321.94	
RW-5	01/29/19	3368.34	59.73	ND	46.33	ND	NA	NA	NA	3322.01	
RW-5	02/05/19	3368.34	59.73	ND	46.38	ND	NA	NA	NA	3321.96	
RW-5	02/12/19	3368.34	59.73	46.28	46.29	0.01	NA	NA	NA	3322.06	
RW-5	02/22/19	3368.34	59.73	ND	46.28	ND	NA	Sheen	10.00	3322.06	
RW-5	02/27/19	3368.34	59.73	ND	46.30	ND	NA	NA	NA	3322.04	
RW-5	03/06/19	3368.34	59.73	Sheen	46.35	Sheen	NA	NA	10.00	3321.99	
RW-5	03/12/19	3368.34	59.73	Sheen	46.39	Sheen	NA	NA	NA	3321.95	
RW-5	03/22/19	3368.34	59.73	46.40	46.41	0.01	NA	Sheen	10.00	3321.94	
RW-5	03/28/19	3368.34	59.73	Sheen	46.21	Sheen	NA	NA	NA	3322.13	
RW-5	04/02/19	3368.34	59.73	Sheen	46.10	Sheen	NA	NA	NA	3322.24	
RW-5	04/10/19	3368.34	59.73	ND	46.01	ND	NA	NA	NA	3322.33	
RW-5	04/16/19	3368.34	59.73	Sheen	46.06	Sheen	NA	NA	NA	3322.28	
RW-5	04/24/19	3368.34	59.73	ND	46.10	ND	NA	NA	NA	3322.24	
RW-5	05/01/19	3368.34	59.73	Sheen	46.00	Sheen	NA	NA	NA	3322.34	
RW-5	05/09/19	3368.34	59.73	Sheen	46.25	Sheen	NA	NA	NA	3322.09	
RW-5	05/17/19	3368.34	59.73	ND	46.29	ND	NA	Sheen	10.00	3322.05	
RW-5	05/24/19	3368.34	59.73	ND	46.32	ND	NA	NA	NA	3322.02	
RW-5	06/05/19	3368.34	59.73	ND	46.34	ND	NA	NA	NA	3322.00	
RW-5	06/14/19	3368.34	59.73	ND	46.13	ND	NA	NA	10.00	3322.21	
RW-5	06/20/19	3368.34	59.73	ND	46.35	ND	NA	NA	NA	3321.99	
RW-5	06/25/19	3368.34	59.73	ND	46.16	ND	NA	NA	10.00	3322.18	
RW-5	07/02/19	3368.34	59.73	ND	46.18	ND	NA	NA	NA	3322.16	
RW-5	07/10/19	3368.34	59.73	ND	46.20	ND	NA	NA	NA	3322.14	
RW-5	07/26/19	3368.34	59.73	ND	46.10	ND	NA	NA	NA	3322.24	
RW-5	08/11/19	3368.34	59.73	Sheen	46.21	Sheen	NA	Sheen	10.00	3322.13	
RW-5	08/14/19	3368.34	59.73	Sheen	46.32	Sheen	NA	Sheen	10.00	3322.02	
RW-5	08/21/19	3368.34	59.73	Sheen	46.23	Sheen	NA	NA	NA	3322.11	
RW-5	09/06/19	3368.34	59.73	ND	46.31	ND	NA	NA	NA	3322.03	
RW-5	09/12/19	3368.34	59.73	ND	46.32	ND	NA	NA	NA	3322.02	
RW-5	09/19/19	3368.34	59.73	ND	46.35	ND	NA	NA	NA	3321.99	
RW-5	10/08/19	3368.34	59.73	Sheen	46.29	Sheen	NA	NA	NA	3322.05	
RW-5	10/16/19	3368.34	59.73	Sheen	46.33	Sheen	NA	NA	NA	3322.01	
RW-5	10/23/19	3368.34	59.73	ND	46.23	ND	NA	NA	NA	3322.11	
RW-5	10/31/19	3368.34	59.73	ND	46.31	ND	NA	NA	NA	3322.03	
RW-5	11/05/19	3368.34	59.73	ND	56.31	ND	NA	NA	NA	3312.03	

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2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS

Plains Marketing, L.P.

Vacuum to Jal 14" Mainline #3

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-5	11/14/19	3368.34	59.73	ND	46.30	ND	NA	NA	NA	3322.04	
RW-5	11/26/19	3368.34	59.73	ND	46.13	ND	NA	NA	NA	3322.21	
RW-5	12/04/19	3368.34	59.73	ND	46.18	ND	NA	NA	NA	3322.16	
RW-5	12/13/19	3368.34	59.73	ND	46.12	ND	NA	NA	NA	3322.22	
RW-5	12/20/19	3368.34	59.73	ND	46.19	ND	NA	NA	NA	3322.15	
RW-5	12/26/19	3368.34	59.73	ND	46.16	ND	NA	NA	NA	3322.18	
RW-5	01/02/20	3368.34	59.73	ND	46.25	ND	NA	NA	NA	3322.09	
RW-5	01/09/20	3368.34	59.73	ND	46.08	ND	NA	NA	NA	3322.26	
RW-5	01/14/20	3368.34	59.73	ND	46.02	ND	NA	NA	NA	3322.32	
RW-5	01/30/20	3368.34	59.73	ND	46.08	ND	NA	NA	NA	3322.26	
RW-5	02/07/20	3368.34	59.73	46.05	46.09	0.04	NA	Sheen	10.00	3322.28	
RW-5	02/12/20	3368.34	59.73	ND	46.01	ND	NA	NA	NA	3322.33	
RW-5	02/19/20	3368.34	59.73	ND	46.08	ND	NA	NA	NA	3322.26	
RW-5	02/26/20	3368.34	59.73	Sheen	46.14	Sheen	NA	Sheen	10	3322.20	
RW-5	03/05/20	3368.34	59.73	Sheen	46.10	Sheen	NA	Sheen	10	3322.24	
RW-5	03/11/20	3368.34	59.73	ND	45.98	ND	NA	NA	NA	3322.36	
RW-5	03/17/20	3368.34	59.73	ND	46.01	ND	NA	NA	NA	3322.33	Sampled
RW-5	03/23/20	3368.34	59.73	ND	46.02	ND	NA	NA	NA	3322.32	
RW-5	05/07/20	3368.34	59.73	46.08	46.12	0.04	NA	Sheen	10	3322.25	
RW-5	05/20/20	3368.34	59.73	ND	45.82	ND	NA	NA	NA	3322.52	
RW-5	06/03/20	3368.34	59.73	ND	45.79	ND	NA	NA	NA	3322.55	
RW-5	06/24/20	3368.34	59.73	Sheen	45.93	Sheen	NA	NA	NA	3322.41	
RW-5	07/01/20	3368.34	59.73	Sheen	45.90	Sheen	NA	Sheen	10	3322.44	
RW-5	07/14/20	3368.34	59.73	Sheen	45.90	Sheen	NA	Sheen	10	3322.44	
RW-5	07/29/20	3368.34	59.73	ND	45.87	ND	NA	NA	NA	3322.47	
RW-5	08/13/20	3368.34	59.73	ND	45.90	ND	NA	NA	NA	3322.44	
RW-5	08/25/20	3368.34	59.73	Sheen	46.00	Sheen	NA	Sheen	10	3322.34	
RW-5	09/16/20	3368.34	59.73	Sheen	46.11	Sheen	NA	Sheen	10	3322.23	
RW-5	09/24/20	3368.34	59.73	Sheen	46.08	Sheen	NA	Sheen	10	3322.26	
RW-5	10/29/20	3368.34	59.73	Sheen	46.12	Sheen	NA	Sheen	10	3322.22	
RW-5	11/10/20	3368.34	59.73	Sheen	46.13	Sheen	NA	Sheen	10	3322.21	
RW-5	11/24/20	3368.34	59.73	Sheen	46.03	Sheen	NA	Sheen	10	3322.31	
RW-5	12/08/20	3368.34	59.73	Sheen	46.08	Sheen	NA	Sheen	10	3322.26	
RW-5	12/22/20	3368.34	59.73	Sheen	45.96	Sheen	NA	Sheen	10	3322.38	
RW-5	01/05/21	3368.34	59.73	Sheen	45.97	Sheen	NA	Sheen	15	3322.37	
RW-5	01/19/21	3368.34	59.73	ND	46.10	ND	NA	NA	10	3322.24	

TABLE 2
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-5	02/02/21	3368.34	59.73	Sheen	45.92	Sheen	NA	NA	10	3322.42	
RW-5	02/10/21	3368.34	59.73	ND	45.93	ND	NA	Sheen	10	3322.41	
RW-5	02/25/21	3368.34	59.73	ND	45.94	ND	NA	Sheen	10	3322.40	
RW-5	03/02/21	3368.34	59.73	ND	45.89	ND	NA	Sheen	20	3322.45	
RW-5	03/16/21	3368.34	59.73	Sheen	45.80	Sheen	NA	Sheen	10	3322.54	Sampled
RW-5	03/31/21	3368.34	59.73	ND	46.04	ND	NA	Sheen	10	3322.30	
RW-5	04/16/21	3368.34	59.73	ND	45.89	ND	NA	Sheen	10	3322.45	
RW-5	04/26/21	3368.34	59.73	ND	45.91	ND	NA	Sheen	10	3322.43	
RW-5	05/14/21	3368.34	59.73	ND	45.81	ND	NA	NA	NA	3322.53	
RW-5	05/27/21	3368.34	59.73	ND	45.78	ND	NA	NA	NA	3322.56	
RW-5	06/11/21	3368.34	59.73	ND	45.65	ND	NA	Sheen	10	3322.69	
RW-5	06/24/21	3368.34	59.73	ND	45.58	ND	NA	Sheen	10	3322.76	
RW-5	07/08/21	3368.34	59.73	ND	45.91	ND	NA	NA	NA	3322.43	
RW-5	07/23/21	3368.34	59.73	ND	45.84	ND	NA	NA	NA	3322.50	
RW-5	08/13/21	3368.34	59.73	Sheen	45.78	Sheen	NA	Sheen	10	3322.56	
RW-5	08/26/21	3368.34	59.73	Sheen	45.95	Sheen	NA	Sheen	10	3322.39	
RW-5	08/31/21	3368.34	59.73	Sheen	45.80	Sheen	NA	Sheen	10	3322.54	
RW-5	09/10/21	3368.34	59.73	ND	45.78	ND	NA	Sheen	10	3322.56	
RW-5	09/30/21	3368.34	59.73	ND	45.93	ND	NA	NA	NA	3322.41	
RW-5	10/07/21	3368.34	59.73	ND	45.93	ND	NA	NA	NA	3322.41	
RW-5	10/21/21	3368.34	59.73	ND	45.98	ND	NA	NA	NA	3322.36	
RW-5	10/27/21	3368.34	59.73	ND	45.87	ND	NA	NA	NA	3322.47	
RW-5	11/04/21	3368.34	59.73	ND	45.95	ND	NA	Sheen	10	3322.39	
RW-5	11/17/21	3368.34	59.73	ND	45.91	ND	NA	NA	NA	3322.43	
RW-5	12/03/21	3368.34	59.73	Sheen	45.73	Sheen	NA	Sheen	10	3322.61	
RW-5	12/14/21	3368.34	59.73	45.93	45.94	0.01	NA	Sheen	10	3322.41	
RW-5	12/31/21	3368.34	59.73	45.91	45.92	0.01	NA	Sheen	10	3322.43	
RW-5	01/27/22	3368.34	59.73	Sheen	45.85	Sheen	NA	Sheen	10	3322.49	
RW-5	02/10/22	3368.34	59.73	Sheen	45.81	Sheen	NA	NA	10	3322.53	
RW-5	02/25/22	3368.34	59.73	ND	45.76	ND	NA	NA	NA	3322.58	
RW-5	03/23/22	3368.34	59.73	45.81	45.84	0.03	NA	Sheen	10	3322.53	
RW-5	03/31/22	3368.34	59.73	Sheen	45.66	Sheen	NA	Sheen	10	3322.68	
RW-5	04/05/22	3368.34	59.73	Sheen	45.86	Sheen	NA	Sheen	10	3322.48	
RW-5	04/13/22	3368.34	59.73	ND	45.84	ND	NA	Sheen	10	3322.50	
RW-5	04/28/22	3368.34	59.73	Sheen	45.73	Sheen	NA	ND	10	3322.61	
RW-5	05/12/22	3368.34	59.73	ND	45.80	ND	NA	ND	10	3322.54	

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-5	05/24/22	3368.34	59.73	ND	45.77	ND	NA	Sheen	10	3322.57	
RW-5	06/17/22	3368.34	59.73	ND	45.74	ND	NA	Sheen	10	3322.60	
RW-5	06/22/22	3368.34	59.73	ND	45.49	ND	NA	Sheen	10	3322.85	Sampled
RW-5	07/21/22	3368.34	59.73	ND	45.92	ND	NA	Sheen	10	3322.42	
RW-5	08/18/22	3368.34	59.73	ND	46.06	ND	NA	NA	NA	3322.28	
RW-5	09/21/22	3368.34	59.73	ND	46.13	ND	NA	Sheen	10	3322.21	Sampled
RW-5	09/28/22	3368.34	59.73	ND	46.14	ND	NA	Sheen	10	3322.20	
RW-5	10/07/22	3368.34	59.73	ND	46.17	ND	NA	Sheen	10	3322.17	
RW-5	10/19/22	3368.34	59.73	ND	46.19	ND	NA	Sheen	10	3322.15	
RW-5	11/15/22	3368.34	59.73	ND	46.29	ND	NA	Sheen	10	3322.05	
RW-5	12/6/222	3368.34	59.73	ND	46.02	ND	NA	Sheen	10	3322.32	Sampled
RW-5	12/29/22	3368.34	59.73	ND	46.08	ND	NA	NA	NA	3322.26	
IW-1	01/04/18	3368.53	64.00	47.65	47.80	0.15	NA	NA	NA	3320.86	
IW-1	01/10/18	3368.53	64.00	47.44	47.66	0.22	NA	NA	NA	3321.06	
IW-1	01/18/18	3368.53	64.00	47.42	47.50	0.08	NA	NA	NA	3321.10	
IW-1	01/25/18	3368.53	64.00	47.40	47.45	0.05	NA	NA	NA	3321.12	
IW-1	02/01/18	3368.53	64.00	47.40	47.45	0.05	NA	NA	NA	3321.12	
IW-1	02/14/18	3368.53	64.00	Sheen	47.26	Sheen	NA	NA	NA	3321.27	
IW-1	02/21/18	3368.53	64.00	Sheen	47.37	Sheen	NA	NA	NA	3321.16	
IW-1	02/28/18	3368.53	64.00	Sheen	47.12	Sheen	NA	NA	NA	3321.41	
IW-1	03/07/18	3368.53	64.00	Sheen	47.14	Sheen	NA	NA	NA	3321.39	sampled
IW-1	03/15/18	3368.53	64.00	Sheen	47.13	Sheen	NA	NA	NA	3321.40	
IW-1	03/22/18	3368.53	64.00	Sheen	47.21	Sheen	NA	NA	NA	3321.32	
IW-1	03/28/18	3368.53	64.00	Sheen	47.17	Sheen	NA	NA	NA	3321.36	
IW-1	04/04/18	3368.53	64.00	Sheen	47.26	Sheen	NA	NA	NA	3321.27	
IW-1	04/11/18	3368.53	64.00	Sheen	47.21	Sheen	NA	NA	NA	3321.32	
IW-1	04/19/18	3368.53	64.00	Sheen	47.26	Sheen	NA	NA	NA	3321.27	
IW-1	04/24/18	3368.53	64.00	Sheen	47.28	Sheen	NA	NA	NA	3321.25	
IW-1	05/09/18	3368.53	64.00	Sheen	47.00	Sheen	NA	NA	NA	3321.53	
IW-1	05/15/18	3368.53	64.00	Sheen	47.02	Sheen	NA	NA	NA	3321.51	
IW-1	05/22/18	3368.53	64.00	Sheen	47.00	Sheen	NA	NA	NA	3321.53	
IW-1	05/30/18	3368.53	64.00	Sheen	46.93	Sheen	NA	NA	NA	3321.60	
IW-1	06/05/18	3368.53	64.00	ND	46.96	ND	NA	Sheen	34.00	3321.57	sampled
IW-1	06/13/18	3368.53	64.00	Sheen	46.99	Sheen	NA	NA	NA	3321.54	
IW-1	06/19/18	3368.53	64.00	Sheen	47.01	Sheen	NA	NA	NA	3321.52	

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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-1	06/29/18	3368.53	64.00	Sheen	46.99	Sheen	NA	NA	NA	3321.54	
IW-1	07/05/18	3368.53	64.00	ND	46.98	ND	NA	NA	NA	3321.55	
IW-1	07/11/18	3368.53	64.00	46.99	47.01	0.02	NA	NA	NA	3321.54	
IW-1	07/18/18	3368.53	64.00	46.95	46.96	0.01	NA	NA	NA	3321.58	
IW-1	07/26/18	3368.53	64.00	46.95	46.97	0.02	NA	NA	NA	3321.58	
IW-1	07/31/18	3368.53	64.00	Sheen	46.95	Sheen	NA	NA	NA	3321.58	
IW-1	08/07/18	3368.53	64.00	Sheen	46.92	Sheen	NA	NA	NA	3321.61	
IW-1	08/14/18	3368.53	64.00	46.90	46.91	0.01	NA	NA	NA	3321.63	pump
IW-1	08/21/18	3368.53	64.00	46.88	46.89	0.01	NA	NA	NA	3321.65	pump
IW-1	08/30/18	3368.53	64.00	46.91	46.93	0.02	NA	NA	NA	3321.62	pump
IW-1	09/06/18	3368.53	64.00	Sheen	46.95	Sheen	NA	NA	NA	3321.58	pump
IW-1	09/26/18	3368.53	64.00	46.94	46.95	0.01	NA	NA	NA	3321.59	pump
IW-1	10/03/18	3368.53	64.00	46.91	46.93	0.02	NA	NA	NA	3321.62	pump
IW-1	10/11/18	3368.53	64.00	46.96	46.97	0.01	NA	NA	NA	3321.57	pump
IW-1	10/17/18	3368.53	64.00	46.48	46.50	0.02	NA	NA	NA	3322.05	pump
IW-1	10/24/18	3368.53	64.00	46.62	46.63	0.01	NA	NA	NA	3321.91	pump
IW-1	10/31/18	3368.53	64.00	46.77	46.78	0.01	NA	NA	NA	3321.76	pump
IW-1	11/06/18	3368.53	64.00	46.83	46.85	0.02	NA	NA	NA	3321.70	pump
IW-1	11/13/18	3368.53	64.00	46.89	46.90	0.01	NA	NA	NA	3321.64	pump
IW-1	11/21/18	3368.53	64.00	46.72	46.74	0.02	NA	NA	NA	3321.81	pump
IW-1	11/28/18	3368.53	64.00	46.65	46.67	0.02	NA	NA	NA	3321.88	pump
IW-1	12/07/18	3368.53	64.00	46.66	46.67	0.01	NA	NA	NA	3321.87	pump
IW-1	12/12/18	3368.53	64.00	46.69	46.71	0.02	NA	NA	NA	3321.84	pump
IW-1	12/18/18	3368.53	64.00	46.72	46.74	0.02	NA	NA	NA	3321.81	pump
IW-1	01/03/19	3368.53	64.00	46.75	46.77	0.02	NA	NA	NA	3321.78	
IW-1	01/08/19	3368.53	64.00	46.77	46.78	0.01	NA	NA	NA	3321.76	
IW-1	01/17/19	3368.53	64.00	Sheen	46.58	Sheen	NA	NA	NA	3321.95	
IW-1	01/22/19	3368.53	64.00	ND	46.62	ND	NA	NA	NA	3321.91	
IW-1	01/29/19	3368.53	64.00	46.60	46.61	0.01	NA	NA	NA	3321.93	
IW-1	02/05/09	3368.53	64.00	46.65	46.66	0.01	NA	NA	NA	3321.88	
IW-1	02/12/19	3368.53	64.00	46.63	46.64	0.01	NA	NA	NA	3321.90	
IW-1	02/22/19	3368.53	64.00	ND	46.55	ND	NA	NA	NA	3321.98	
IW-1	02/27/19	3368.53	64.00	Sheen	46.61	Sheen	NA	NA	NA	3321.92	
IW-1	03/06/19	3368.53	64.00	46.64	46.65	0.01	NA	NA	NA	3321.89	
IW-1	03/12/19	3368.53	64.00	46.65	46.67	0.02	NA	NA	NA	3321.88	
IW-1	03/22/19	3368.53	64.00	46.65	46.67	0.02	NA	NA	NA	3321.88	

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-1	03/28/19	3368.53	64.00	46.40	46.41	0.01	NA	NA	NA	3322.13	
IW-1	04/02/19	3368.53	64.00	Sheen	46.44	Sheen	NA	NA	NA	3322.09	
IW-1	04/10/19	3368.53	64.00	Sheen	46.31	Sheen	NA	NA	NA	3322.22	pump
IW-1	04/16/19	3368.53	64.00	Sheen	46.37	Sheen	NA	NA	NA	3322.16	pump
IW-1	04/24/19	3368.53	64.00	46.38	46.39	0.01	NA	NA	NA	3322.15	pump
IW-1	05/01/19	3368.53	64.00	46.31	46.32	0.01	NA	NA	NA	3322.22	pump
IW-1	05/09/19	3368.53	64.00	46.50	46.52	0.02	NA	NA	NA	3322.03	pump
IW-1	05/17/19	3368.53	64.00	Sheen	46.55	Sheen	NA	NA	NA	3321.98	pump
IW-1	05/24/19	3368.53	64.00	46.57	46.58	0.01	NA	NA	NA	3321.96	pump
IW-1	06/05/19	3368.53	64.00	46.58	46.59	0.01	NA	NA	NA	3321.95	pump
IW-1	06/14/19	3368.53	64.00	ND	46.39	ND	NA	NA	NA	3322.14	pump
IW-1	06/20/19	3368.53	64.00	Sheen	46.65	Sheen	NA	NA	NA	3321.88	pump
IW-1	06/25/19	3368.53	64.00	ND	46.41	ND	NA	NA	NA	3322.12	pump
IW-1	07/02/19	3368.53	64.00	46.44	46.45	0.01	NA	NA	NA	3322.09	pump
IW-1	07/10/19	3368.53	64.00	ND	46.39	ND	NA	NA	NA	3322.14	pump
IW-1	07/26/19	3368.53	64.00	46.47	46.48	0.01	NA	NA	NA	3322.06	pump
IW-1	08/11/19	3368.53	64.00	46.50	46.52	0.02	NA	NA	NA	3322.03	pump
IW-1	08/14/19	3368.53	64.00	46.57	46.63	0.06	NA	NA	NA	3321.95	pump
IW-1	08/21/19	3368.53	64.00	46.55	46.56	0.01	NA	NA	NA	3321.98	pump
IW-1	09/06/19	3368.53	64.00	46.48	46.52	0.04	NA	NA	NA	3322.04	pump
IW-1	09/12/19	3368.53	64.00	46.52	46.58	0.06	NA	NA	NA	3322.00	pump
IW-1	09/19/19	3368.53	64.00	46.57	46.63	0.06	NA	NA	NA	3321.95	pump
IW-1	10/08/19	3368.53	64.00	46.59	46.60	0.01	NA	NA	NA	3321.94	pump
IW-1	10/16/19	3368.53	64.00	46.62	46.63	0.01	NA	NA	NA	3321.91	pump
IW-1	10/23/19	3368.53	64.00	46.57	46.60	0.03	NA	NA	NA	3321.96	pump
IW-1	10/31/19	3368.53	64.00	46.56	46.58	0.02	NA	NA	NA	3321.97	pump
IW-1	11/05/19	3368.53	64.00	ND	46.65	ND	NA	NA	NA	3321.88	pump
IW-1	11/14/19	3368.53	64.00	46.58	46.60	0.02	NA	NA	NA	3321.95	pump
IW-1	11/26/19	3368.53	64.00	46.60	46.64	0.04	NA	NA	NA	3321.92	pump
IW-1	12/04/19	3368.53	64.00	46.62	46.66	0.04	NA	NA	NA	3321.90	pump
IW-1	12/13/19	3368.53	64.00	46.39	46.40	0.01	NA	NA	NA	3322.14	pump
IW-1	12/20/19	3368.53	64.00	46.38	46.42	0.04	NA	NA	NA	3322.14	pump
IW-1	12/26/19	3368.53	64.00	46.40	46.44	0.04	NA	NA	NA	3322.12	pump
IW-1	01/02/20	3368.53	64.00	46.51	46.58	0.07	NA	NA	NA	3322.01	pump
IW-1	01/09/20	3368.53	64.00	46.51	46.58	0.07	NA	NA	NA	3322.01	pump
IW-1	01/14/20	3368.53	64.00	46.35	46.38	0.03	NA	NA	NA	3322.18	pump

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-1	01/30/20	3368.53	64.00	46.32	46.36	0.04	NA	NA	NA	3322.20	pump
IW-1	02/07/20	3368.53	64.00	Sheen	46.35	Sheen	NA	NA	NA	3322.18	pump
IW-1	02/12/20	3368.53	64.00	Sheen	46.32	Sheen	NA	NA	NA	3322.21	pump
IW-1	02/19/20	3368.53	64.00	46.26	46.28	0.02	NA	NA	NA	3322.27	pump
IW-1	02/26/20	3368.53	64.00	46.37	46.39	0.02	NA	NA	NA	3322.16	pump
IW-1	03/05/20	3368.53	64.00	46.29	46.32	0.03	NA	NA	NA	3322.24	pump
IW-1	03/11/20	3368.53	64.00	46.25	46.36	0.11	NA	NA	NA	3322.26	pump
IW-1	03/17/20	3368.53	64.00	46.26	46.29	0.03	NA	NA	NA	3322.27	pump
IW-1	03/23/20	3368.53	64.00	Sheen	46.27	Sheen	NA	NA	NA	3322.26	pump
IW-1	05/07/20	3368.53	64.00	46.28	46.39	0.11	NA	NA	NA	3322.23	pump
IW-1	05/20/20	3368.53	64.00	45.98	46.10	0.12	NA	NA	NA	3322.53	pump
IW-1	06/03/20	3368.53	64.00	45.92	46.08	0.16	NA	NA	NA	3322.59	pump
IW-1	06/24/20	3368.53	64.00	46.20	46.21	0.01	NA	NA	NA	3322.33	pump
IW-1	07/01/20	3368.53	64.00	46.00	46.18	0.18	NA	NA	NA	3322.50	pump
IW-1	07/14/20	3368.53	64.00	Sheen	46.18	Sheen	NA	NA	NA	3322.35	pump
IW-1	07/29/20	3368.53	64.00	Sheen	46.15	Sheen	NA	NA	NA	3322.38	pump
IW-1	08/13/20	3368.53	64.00	Sheen	46.20	Sheen	NA	NA	NA	3322.33	pump
IW-1	08/25/20	3368.53	64.00	46.12	46.17	0.05	NA	NA	NA	3322.40	pump
IW-1	09/16/20	3368.53	64.00	46.38	46.41	0.03	NA	NA	NA	3322.15	pump
IW-1	09/24/20	3368.53	64.00	46.30	46.37	0.07	NA	NA	NA	3322.22	pump
IW-1	10/29/20	3368.53	64.00	46.39	46.42	0.03	NA	NA	NA	3322.14	pump
IW-1	11/10/20	3368.53	64.00	46.40	46.41	0.01	NA	NA	NA	3322.13	pump
IW-1	11/24/20	3368.53	64.00	46.30	46.38	0.08	NA	NA	NA	3322.22	pump
IW-1	12/08/20	3368.53	64.00	46.42	46.44	0.02	NA	NA	NA	3322.11	pump
IW-1	12/22/20	3368.53	64.00	46.48	46.51	0.03	NA	NA	NA	3322.05	pump
IW-1	01/19/21	3368.53	64.00	46.52	46.58	0.06	NA	NA	NA	3322.00	pump
IW-1	02/02/21	3368.53	64.00	46.20	46.26	0.06	NA	NA	NA	3322.32	pump
IW-1	02/10/21	3368.53	64.00	46.17	46.24	0.07	NA	NA	NA	3322.35	pump
IW-1	02/25/21	3368.53	64.00	46.20	46.28	0.08	NA	NA	NA	3322.32	pump
IW-1	03/02/21	3368.53	64.00	46.13	46.21	0.08	NA	NA	NA	3322.39	pump
IW-1	03/16/21	3368.53	64.00	46.00	46.06	0.06	NA	NA	NA	3322.52	pump
IW-1	03/31/21	3368.53	64.00	46.34	46.48	0.14	NA	NA	NA	3322.17	pump
IW-1	04/16/21	3368.53	64.00	46.18	46.19	0.01	NA	NA	NA	3322.35	pump
IW-1	04/26/21	3368.53	64.00	46.23	46.26	0.03	NA	NA	NA	3322.30	pump
IW-1	05/14/21	3368.53	64.00	46.28	46.31	0.03	NA	NA	NA	3322.25	pump
IW-1	05/27/21	3368.53	64.00	46.31	46.32	0.01	NA	NA	NA	3322.22	pump
IW-1	06/11/21	3368.53	64.00	46.10	46.18	0.08	NA	NA	NA	3322.42	pump

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-1	06/24/21	3368.53	64.00	46.20	46.22	0.02	NA	NA	NA	3322.33	pump
IW-1	07/08/21	3368.53	64.00	46.19	46.23	0.04	NA	NA	NA	3322.33	pump
IW-1	07/23/21	3368.53	64.00	46.21	46.24	0.03	NA	NA	NA	3322.32	pump
IW-1	08/13/21	3368.53	64.00	46.26	46.31	0.05	NA	NA	NA	3322.26	pump
IW-1	08/26/21	3368.53	64.00	Sheen	46.24	Sheen	NA	NA	NA	3322.29	pump
IW-1	08/31/21	3368.53	64.00	46.13	46.14	0.01	NA	NA	NA	3322.40	pump
IW-1	09/10/21	3368.53	64.00	46.27	46.31	0.04	NA	NA	NA	3322.25	pump
IW-1	09/30/21	3368.53	64.00	46.15	46.22	0.07	NA	NA	NA	3322.37	pump
IW-1	10/07/21	3368.53	64.00	46.20	46.21	0.01	NA	NA	NA	3322.33	pump
IW-1	10/21/21	3368.53	64.00	46.23	46.50	0.27	NA	NA	NA	3322.26	pump
IW-1	10/27/21	3368.53	64.00	Sheen	46.15	Sheen	NA	NA	NA	3322.38	pump
IW-1	11/04/21	3368.53	64.00	46.26	46.29	0.03	NA	NA	NA	3322.27	pump
IW-1	11/17/21	3368.53	64.00	46.31	46.33	0.02	NA	NA	NA	3322.22	pump
IW-1	12/03/21	3368.53	64.00	46.20	47.55	1.35	NA	NA	NA	3322.13	pump
IW-1	12/14/21	3368.53	64.00	45.66	45.67	0.01	NA	NA	NA	3322.87	pump
IW-1	12/31/21	3368.53	64.00	46.18	46.42	0.24	NA	NA	NA	3322.31	pump
IW-1	01/27/22	3368.53	64.00	46.13	46.20	0.07	NA	NA	NA	3322.39	pump
IW-1	02/10/22	3368.53	64.00	46.18	46.23	0.05	NA	NA	NA	3322.34	pump
IW-1	02/25/22	3368.53	64.00	46.09	46.28	0.19	NA	NA	NA	3322.41	pump
IW-1	03/23/22	3368.53	64.00	46.12	46.28	0.16	NA	NA	NA	3322.39	pump
IW-1	03/31/22	3368.53	64.00	46.15	46.36	0.21	NA	NA	NA	3322.35	pump
IW-1	04/05/22	3368.53	64.00	Sheen	46.12	Sheen	NA	NA	NA	3322.41	pump
IW-1	04/13/22	3368.53	64.00	46.20	46.30	0.10	NA	NA	NA	3322.32	pump
IW-1	04/28/22	3368.53	64.00	46.04	46.11	0.07	NA	NA	NA	3322.48	pump
IW-1	05/12/22	3368.53	64.00	46.23	46.34	0.11	NA	NA	NA	3322.28	pump
IW-1	05/24/22	3368.53	64.00	46.18	46.22	0.04	NA	NA	NA	3322.34	pump
IW-1	06/17/22	3368.53	64.00	46.22	46.27	0.05	NA	NA	NA	3322.30	pump
IW-1	07/21/22	3368.53	64.00	46.25	46.28	0.03	NA	NA	NA	3322.28	pump
IW-1	08/18/22	3368.53	64.00	46.30	46.32	0.02	NA	NA	NA	3322.23	pump
IW-1	09/21/22	3368.53	64.00	46.29	46.40	0.11	NA	NA	NA	3322.22	pump
IW-1	10/07/22	3368.53	64.00	46.41	46.56	0.15	NA	NA	NA	3322.10	pump
IW-1	10/19/22	3368.53	64.00	46.38	46.53	0.15	NA	NA	NA	3322.13	pump
IW-1	11/15/22	3368.53	64.00	46.34	46.39	0.05	NA	NA	NA	3322.18	pump
IW-1	12/06/22	3368.53	64.00	46.24	46.41	0.17	NA	NA	NA	3322.26	pump
IW-1	12/29/22	3368.53	64.00	46.20	46.36	0.16	NA	NA	NA	3322.31	pump

TABLE 2
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Vacuum to Jal 14" Mainline #3
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-2	01/04/18	3368.63	64.05	Sheen	47.63	Sheen	NA	NA	NA	3321.00	
IW-2	01/10/18	3368.63	64.05	Sheen	47.49	Sheen	NA	NA	NA	3321.14	
IW-2	01/18/18	3368.63	64.05	Sheen	47.43	Sheen	NA	NA	NA	3321.20	
IW-2	01/25/18	3368.63	64.05	Sheen	47.44	Sheen	NA	NA	NA	3321.19	
IW-2	02/01/18	3368.63	64.05	ND	47.40	ND	NA	NA	NA	3321.23	
IW-2	02/14/18	3368.63	64.05	Sheen	47.39	Sheen	NA	NA	NA	3321.24	
IW-2	02/21/18	3368.63	64.05	ND	47.40	ND	NA	NA	NA	3321.23	
IW-2	02/28/18	3368.63	64.05	ND	47.14	ND	NA	NA	NA	3321.49	
IW-2	03/07/18	3368.63	64.05	Sheen	47.22	Sheen	NA	NA	NA	3321.41	sampled
IW-2	03/15/18	3368.63	64.05	Sheen	47.13	Sheen	NA	NA	NA	3321.50	
IW-2	03/22/18	3368.63	64.05	Sheen	47.26	Sheen	NA	NA	NA	3321.37	
IW-2	03/28/18	3368.63	64.05	Sheen	47.19	Sheen	NA	NA	NA	3321.44	
IW-2	04/04/18	3368.63	64.05	Sheen	47.28	Sheen	NA	NA	NA	3321.35	
IW-2	04/11/18	3368.63	64.05	Sheen	47.30	Sheen	NA	NA	NA	3321.33	
IW-2	04/19/18	3368.63	64.05	Sheen	47.36	Sheen	NA	NA	NA	3321.27	
IW-2	04/24/18	3368.63	64.05	Sheen	47.38	Sheen	NA	NA	NA	3321.25	
IW-2	05/09/18	3368.63	64.05	Sheen	47.18	Sheen	NA	NA	NA	3321.45	
IW-2	05/15/18	3368.63	64.05	Sheen	47.03	Sheen	NA	NA	NA	3321.60	
IW-2	05/22/18	3368.63	64.05	Sheen	46.99	Sheen	NA	NA	NA	3321.64	
IW-2	05/30/18	3368.63	64.05	Sheen	46.97	Sheen	NA	NA	NA	3321.66	
IW-2	06/05/18	3368.63	64.05	ND	46.94	ND	NA	Sheen	34.00	3321.69	sampled
IW-2	06/13/18	3368.63	64.05	Sheen	46.97	Sheen	NA	NA	NA	3321.66	
IW-2	06/19/18	3368.63	64.05	Sheen	46.97	Sheen	NA	NA	NA	3321.66	
IW-2	06/29/18	3368.63	64.05	Sheen	47.01	Sheen	NA	NA	NA	3321.62	
IW-2	07/05/18	3368.63	64.05	ND	46.96	ND	NA	NA	NA	3321.67	
IW-2	07/11/18	3368.63	64.05	47.00	47.05	0.05	NA	NA	NA	3321.62	
IW-2	07/18/18	3368.63	64.05	46.97	46.99	0.02	NA	NA	NA	3321.66	
IW-2	07/26/18	3368.63	64.05	46.97	46.99	0.02	NA	NA	NA	3321.66	
IW-2	07/31/18	3368.63	64.05	Sheen	46.96	Sheen	NA	NA	NA	3321.67	
IW-2	08/07/18	3368.63	64.05	Sheen	46.93	Sheen	NA	NA	NA	3321.70	
IW-2	08/14/18	3368.63	64.05	Sheen	46.89	Sheen	NA	NA	NA	3321.74	pump
IW-2	08/21/18	3368.63	64.05	Sheen	46.86	Sheen	NA	NA	NA	3321.77	pump
IW-2	08/30/18	3368.63	64.05	46.90	46.91	0.01	NA	NA	NA	3321.73	pump
IW-2	09/06/18	3368.63	64.05	46.95	46.97	0.02	NA	NA	NA	3321.68	pump
IW-2	09/26/18	3368.63	64.05	Sheen	46.90	Sheen	NA	NA	NA	3321.73	pump
IW-2	10/03/18	3368.63	64.05	Sheen	46.92	Sheen	NA	NA	NA	3321.71	pump

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-2	10/11/18	3368.63	64.05	46.92	46.93	0.01	NA	NA	NA	3321.71	pump
IW-2	10/17/18	3368.63	64.05	46.50	46.51	0.01	NA	NA	NA	3322.13	pump
IW-2	10/24/18	3368.63	64.05	46.65	46.66	0.01	NA	NA	NA	3321.98	pump
IW-2	10/31/18	3368.63	64.05	46.80	46.81	0.01	NA	NA	NA	3321.83	pump
IW-2	11/06/18	3368.63	64.05	46.84	46.85	0.01	NA	NA	NA	3321.79	pump
IW-2	11/13/18	3368.63	64.05	46.91	46.92	0.01	NA	NA	NA	3321.72	pump
IW-2	11/21/18	3368.63	64.05	46.81	46.82	0.01	NA	NA	NA	3321.82	pump
IW-2	11/28/18	3368.63	64.05	nd	46.72	nd	NA	NA	NA	3321.91	pump
IW-2	12/07/18	3368.63	64.05	Sheen	46.75	Sheen	NA	NA	NA	3321.88	pump
IW-2	12/12/18	3368.63	64.05	46.76	46.78	0.02	NA	NA	NA	3321.87	pump
IW-2	12/18/18	3368.63	64.05	Sheen	46.88	Sheen	NA	NA	NA	3321.75	pump
IW-2	01/03/19	3368.63	64.05	46.81	46.82	0.01	NA	NA	NA	3321.82	
IW-2	01/08/19	3368.63	64.05	46.80	46.81	0.01	NA	NA	NA	3321.83	
IW-2	01/17/19	3368.63	64.05	ND	46.72	ND	NA	NA	NA	3321.91	
IW-2	01/22/19	3368.63	64.05	ND	46.77	ND	NA	NA	NA	3321.86	
IW-2	01/29/19	3368.63	64.05	Sheen	46.62	Sheen	NA	NA	NA	3322.01	
IW-2	02/05/19	3368.63	64.05	46.71	46.72	0.01	NA	NA	NA	3321.92	
IW-2	02/12/19	3368.63	64.05	46.62	46.63	0.01	NA	NA	NA	3322.01	
IW-2	02/22/19	3368.63	64.05	ND	46.70	ND	NA	NA	NA	3321.93	
IW-2	02/27/19	3368.63	64.05	46.70	46.71	0.01	NA	NA	NA	3321.93	
IW-2	03/06/19	3368.63	64.05	46.75	46.77	0.02	NA	NA	NA	3321.88	
IW-2	03/12/19	3368.63	64.05	46.77	46.80	0.03	NA	NA	NA	3321.86	
IW-2	03/22/19	3368.63	64.05	46.76	46.77	0.01	NA	NA	NA	3321.87	
IW-2	03/28/19	3368.63	64.05	46.41	46.42	0.01	NA	NA	NA	3322.22	
IW-2	04/02/19	3368.63	64.05	46.41	46.42	0.01	NA	NA	NA	3322.22	
IW-2	04/10/19	3368.63	64.05	Sheen	46.32	Sheen	NA	NA	NA	3322.31	pump
IW-2	04/16/19	3368.63	64.05	Sheen	46.38	Sheen	NA	NA	NA	3322.25	pump
IW-2	04/24/19	3368.63	64.05	Sheen	46.40	Sheen	NA	NA	NA	3322.23	pump
IW-2	05/01/19	3368.63	64.05	46.32	46.34	0.02	NA	NA	NA	3322.31	pump
IW-2	05/09/19	3368.63	64.05	Sheen	46.54	Sheen	NA	NA	NA	3322.09	pump
IW-2	05/17/19	3368.63	64.05	ND	46.61	ND	NA	NA	NA	3322.02	pump
IW-2	05/24/19	3368.63	64.05	Sheen	46.62	Sheen	NA	NA	NA	3322.01	pump
IW-2	06/05/19	3368.63	64.05	Sheen	46.65	Sheen	NA	NA	NA	3321.98	pump
IW-2	06/14/19	3368.63	64.05	ND	46.40	ND	NA	NA	NA	3322.23	pump
IW-2	06/20/19	3368.63	64.05	Sheen	46.69	Sheen	NA	NA	NA	3321.94	pump
IW-2	06/25/19	3368.63	64.05	ND	46.41	ND	NA	NA	NA	3322.22	pump

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-2	07/02/19	3368.63	64.05	Sheen	46.45	Sheen	NA	NA	NA	3322.18	pump
IW-2	07/10/19	3368.63	64.05	ND	46.39	ND	NA	NA	NA	3322.24	pump
IW-2	07/26/19	3368.63	64.05	46.49	46.50	0.01	NA	NA	NA	3322.14	pump
IW-2	08/11/19	3368.63	64.05	Sheen	46.51	Sheen	NA	NA	NA	3322.12	pump
IW-2	08/14/19	3368.63	64.05	ND	46.64	ND	NA	NA	NA	3321.99	pump
IW-2	08/21/19	3368.63	64.05	Sheen	46.64	Sheen	NA	NA	NA	3321.99	pump
IW-2	09/06/19	3368.63	64.05	ND	46.68	ND	NA	NA	NA	3321.95	pump
IW-2	09/19/19	3368.63	64.05	ND	46.53	ND	NA	NA	NA	3322.10	pump
IW-2	09/12/19	3368.63	64.05	ND	46.48	ND	NA	NA	NA	3322.15	pump
IW-2	10/08/19	3368.63	64.05	ND	46.68	ND	NA	NA	NA	3321.95	pump
IW-2	10/16/19	3368.63	64.05	ND	46.65	ND	NA	NA	NA	3321.98	pump
IW-2	10/23/19	3368.63	64.05	ND	46.69	ND	NA	NA	NA	3321.94	pump
IW-2	10/31/19	3368.63	64.05	ND	46.59	ND	NA	NA	NA	3322.04	pump
IW-2	11/05/19	3368.63	64.05	46.75	46.78	0.03	NA	NA	NA	3321.88	pump
IW-2	11/14/19	3368.63	64.05	ND	46.58	ND	NA	NA	NA	3322.05	pump
IW-2	11/26/19	3368.63	64.05	ND	46.42	ND	NA	NA	NA	3322.21	pump
IW-2	12/04/19	3368.63	64.05	ND	46.45	ND	NA	NA	NA	3322.18	pump
IW-2	12/13/19	3368.63	64.05	ND	46.40	ND	NA	NA	NA	3322.23	pump
IW-2	12/20/19	3368.63	64.05	ND	46.41	ND	NA	NA	NA	3322.22	pump
IW-2	12/26/19	3368.63	64.05	ND	46.38	ND	NA	NA	NA	3322.25	pump
IW-2	01/02/20	3368.63	64.05	ND	46.52	ND	NA	NA	NA	3322.11	pump
IW-2	01/09/20	3368.63	64.05	ND	46.38	ND	NA	NA	NA	3322.25	pump
IW-2	01/14/20	3368.63	64.05	ND	46.39	ND	NA	NA	NA	3322.24	pump
IW-2	01/30/20	3368.63	64.05	ND	46.38	ND	NA	NA	NA	3322.25	pump
IW-2	02/07/20	3368.63	64.05	Sheen	46.30	Sheen	NA	NA	NA	3322.33	pump
IW-2	02/12/20	3368.63	64.05	46.27	46.28	0.01	NA	NA	NA	3322.36	pump
IW-2	02/19/20	3368.63	64.05	46.25	46.27	0.02	NA	NA	NA	3322.38	pump
IW-2	02/26/20	3368.63	64.05	Sheen	46.42	Sheen	NA	NA	NA	3322.21	pump
IW-2	03/05/20	3368.63	64.05	Sheen	46.38	Sheen	NA	NA	NA	3322.25	pump
IW-2	03/11/20	3368.63	64.05	ND	46.28	ND	NA	NA	NA	3322.35	pump
IW-2	03/17/20	3368.63	64.05	46.29	46.30	0.01	NA	NA	NA	3322.34	pump
IW-2	03/23/20	3368.63	64.05	Sheen	46.30	Sheen	NA	NA	NA	3322.33	pump
IW-2	05/07/20	3368.63	64.05	Sheen	46.28	Sheen	NA	NA	NA	3322.35	pump
IW-2	05/20/20	3368.63	64.05	Sheen	46.10	Sheen	NA	NA	NA	3322.53	pump
IW-2	06/03/20	3368.63	64.05	Sheen	46.08	Sheen	NA	NA	NA	3322.55	pump
IW-2	06/24/20	3368.63	64.05	Sheen	46.34	Sheen	NA	NA	NA	3322.29	pump

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-2	07/01/20	3368.63	64.05	ND	46.20	ND	NA	NA	NA	3322.43	pump
IW-2	07/14/20	3368.63	64.05	ND	46.18	ND	NA	NA	NA	3322.45	pump
IW-2	07/29/20	3368.63	64.05	Sheen	46.18	Sheen	NA	NA	NA	3322.45	pump
IW-2	08/13/20	3368.63	64.05	Sheen	46.23	Sheen	NA	NA	NA	3322.40	pump
IW-2	08/25/20	3368.63	64.05	Sheen	46.30	Sheen	NA	NA	NA	3322.33	pump
IW-2	09/16/20	3368.63	64.05	ND	46.44	ND	NA	NA	NA	3322.19	pump
IW-2	09/24/20	3368.63	64.05	Sheen	46.38	Sheen	NA	NA	NA	3322.25	pump
IW-2	10/29/20	3368.63	64.05	Sheen	46.46	Sheen	NA	NA	NA	3322.17	pump
IW-2	11/10/20	3368.63	64.05	46.45	46.46	0.01	NA	NA	NA	3322.18	pump
IW-2	11/24/20	3368.63	64.05	Sheen	46.48	Sheen	NA	NA	NA	3322.15	pump
IW-2	12/08/20	3368.63	64.05	46.36	46.38	0.02	NA	NA	NA	3322.27	pump
IW-2	12/22/20	3368.63	64.05	ND	46.25	ND	NA	NA	NA	3322.38	pump
IW-2	01/19/21	3368.63	64.05	ND	46.38	ND	NA	NA	NA	3322.25	pump
IW-2	02/02/21	3368.63	64.05	Sheen	46.25	Sheen	NA	NA	NA	3322.38	pump
IW-2	02/10/21	3368.63	64.05	ND	46.20	ND	NA	NA	NA	3322.43	pump
IW-2	02/25/21	3368.63	64.05	ND	46.23	ND	NA	NA	NA	3322.40	pump
IW-2	03/02/21	3368.63	64.05	ND	46.19	ND	NA	NA	NA	3322.44	pump
IW-2	03/16/21	3368.63	64.05	Sheen	46.11	Sheen	NA	NA	NA	3322.52	pump
IW-2	03/31/21	3368.63	64.05	ND	46.31	ND	NA	NA	NA	3322.32	pump
IW-2	04/16/21	3368.63	64.05	ND	46.25	ND	NA	NA	NA	3322.38	pump
IW-2	04/26/21	3368.63	64.05	ND	46.27	ND	NA	NA	NA	3322.36	pump
IW-2	05/14/21	3368.63	64.05	ND	46.32	ND	NA	NA	NA	3322.31	pump
IW-2	05/27/21	3368.63	64.05	ND	46.28	ND	NA	NA	NA	3322.35	pump
IW-2	06/11/21	3368.63	64.05	ND	46.04	ND	NA	NA	NA	3322.59	pump
IW-2	06/24/21	3368.63	64.05	ND	46.08	ND	NA	NA	NA	3322.55	pump
IW-2	07/08/21	3368.63	64.05	ND	46.19	ND	NA	NA	NA	3322.44	pump
IW-2	07/23/21	3368.63	64.05	ND	46.21	ND	NA	NA	NA	3322.42	pump
IW-2	08/13/21	3368.63	64.05	ND	46.26	ND	NA	NA	NA	3322.37	pump
IW-2	08/26/21	3368.63	64.05	Sheen	46.28	Sheen	NA	NA	NA	3322.35	pump
IW-2	08/31/21	3368.63	64.05	Sheen	46.15	Sheen	NA	NA	NA	3322.48	pump
IW-2	09/10/21	3368.63	64.05	ND	46.28	ND	NA	NA	NA	3322.35	pump
IW-2	09/30/21	3368.63	64.05	ND	46.20	ND	NA	NA	NA	3322.43	pump
IW-2	10/07/21	3368.63	64.05	ND	46.21	ND	NA	NA	NA	3322.42	pump
IW-2	10/21/21	3368.63	64.05	Sheen	46.23	Sheen	NA	NA	NA	3322.40	pump
IW-2	10/27/21	3368.63	64.05	Sheen	46.17	Sheen	NA	NA	NA	3322.46	pump
IW-2	11/04/21	3368.63	64.05	46.21	46.22	0.01	NA	NA	NA	3322.42	pump

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-2	11/17/21	3368.63	64.05	46.19	46.21	0.02	NA	NA	NA	3322.44	pump
IW-2	12/03/21	3368.63	64.05	Sheen	46.17	Sheen	NA	NA	NA	3322.46	pump
IW-2	12/14/21	3368.63	64.05	46.23	46.25	0.02	NA	NA	NA	3322.40	pump
IW-2	12/31/21	3368.63	64.05	46.28	46.30	0.02	NA	NA	NA	3322.35	pump
IW-2	01/27/22	3368.63	64.05	46.13	46.15	0.02	NA	NA	NA	3322.50	pump
IW-2	02/10/22	3368.63	64.05	Sheen	46.10	Sheen	NA	NA	NA	3322.53	pump
IW-2	02/25/22	3368.63	64.05	46.09	46.13	0.04	NA	NA	NA	3322.53	pump
IW-2	03/23/22	3368.63	64.05	46.11	46.15	0.04	NA	NA	NA	3322.51	pump
IW-2	03/31/22	3368.63	64.05	46.01	46.16	0.15	NA	NA	NA	3322.60	pump
IW-2	04/05/22	3368.63	64.05	Sheen	46.18	Sheen	NA	NA	NA	3322.45	pump
IW-2	04/13/22	3368.63	64.05	46.20	46.22	0.02	NA	NA	NA	3322.43	pump
IW-2	04/28/22	3368.63	64.05	46.14	46.15	0.01	NA	NA	NA	3322.49	pump
IW-2	05/12/22	3368.63	64.05	46.08	46.10	0.02	NA	NA	NA	3322.55	pump
IW-2	05/24/22	3368.63	64.05	46.58	46.63	0.05	NA	NA	NA	3322.04	pump
IW-2	06/17/22	3368.63	64.05	46.51	46.59	0.08	NA	NA	NA	3322.11	pump
IW-2	06/22/22	3368.63	64.05	46.57	46.63	0.06	NA	NA	NA	3322.05	pump
IW-2	07/21/22	3368.63	64.05	46.30	46.32	0.02	NA	NA	NA	3322.33	pump
IW-2	08/18/22	3368.63	64.05	Sheen	46.34	Sheen	NA	NA	NA	3322.29	pump
IW-2	09/21/22	3368.63	64.05	Sheen	46.42	Sheen	NA	NA	NA	3322.21	pump
IW-2	09/28/22	3368.63	64.05	46.40	46.42	0.02	NA	NA	NA	3322.23	pump
IW-2	10/07/22	3368.63	64.05	46.46	46.48	0.02	NA	NA	NA	3322.17	pump
IW-2	10/19/22	3368.63	64.05	46.39	46.51	0.12	NA	NA	NA	3322.22	pump
IW-2	11/15/22	3368.63	64.05	46.41	46.49	0.08	NA	NA	NA	3322.21	pump
IW-2	12/06/22	3368.63	64.05	46.31	46.45	0.14	NA	NA	NA	3322.30	pump
IW-2	12/29/22	3368.63	64.05	46.28	46.39	0.11	NA	NA	NA	3322.33	pump
IW-3	01/04/18	3368.96	63.86	47.87	47.89	0.02	NA	NA	NA	3321.09	
IW-3	01/10/18	3368.96	63.86	Sheen	47.69	Sheen	NA	NA	NA	3321.27	
IW-3	01/18/18	3368.96	63.86	Sheen	47.71	Sheen	NA	NA	NA	3321.25	
IW-3	01/25/18	3368.96	63.86	Sheen	47.63	Sheen	NA	NA	NA	3321.33	
IW-3	02/01/18	3368.96	63.86	Sheen	47.65	Sheen	NA	NA	NA	3321.31	
IW-3	02/14/18	3368.96	63.86	Sheen	47.47	Sheen	NA	NA	NA	3321.49	
IW-3	02/21/18	3368.96	63.86	ND	47.53	ND	NA	NA	NA	3321.43	
IW-3	02/28/18	3368.96	63.86	Sheen	47.37	Sheen	NA	NA	NA	3321.59	
IW-3	03/07/18	3368.96	63.86	ND	47.31	ND	NA	NA	NA	3321.65	sampled
IW-3	03/15/18	3368.96	63.86	47.35	47.36	0.01	NA	NA	NA	3321.61	

TABLE 2
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Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
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Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-3	03/22/18	3368.96	63.86	47.48	47.49	0.01	NA	NA	NA	3321.48	
IW-3	03/28/18	3368.96	63.86	47.38	47.40	0.02	NA	NA	NA	3321.58	
IW-3	04/04/18	3368.96	63.86	47.49	47.51	0.02	NA	NA	NA	3321.47	
IW-3	04/11/18	3368.96	63.86	47.56	47.58	0.02	NA	NA	NA	3321.40	
IW-3	04/19/18	3368.96	63.86	47.61	47.62	0.01	NA	NA	NA	3321.35	
IW-3	04/24/18	3368.96	63.86	47.59	47.60	0.01	NA	NA	NA	3321.37	
IW-3	05/09/18	3368.96	63.86	47.25	47.26	0.01	NA	NA	NA	3321.71	
IW-3	05/15/18	3368.96	63.86	47.21	47.22	0.01	NA	NA	NA	3321.75	
IW-3	05/22/18	3368.96	63.86	Sheen	47.19	Sheen	NA	NA	NA	3321.77	
IW-3	05/30/18	3368.96	63.86	Sheen	47.16	Sheen	NA	NA	NA	3321.80	
IW-3	06/05/18	3368.96	63.86	ND	47.19	ND	NA	Sheen	33.00	3321.77	sampled
IW-3	06/13/18	3368.96	63.86	Sheen	47.20	Sheen	NA	NA	NA	3321.76	
IW-3	06/19/18	3368.96	63.86	Sheen	47.18	Sheen	NA	NA	NA	3321.78	
IW-3	06/29/18	3368.96	63.86	Sheen	47.19	Sheen	NA	NA	NA	3321.77	
IW-3	07/05/18	3368.96	63.86	ND	47.20	ND	NA	NA	NA	3321.76	
IW-3	07/11/18	3368.96	63.86	Sheen	47.15	Sheen	NA	NA	NA	3321.81	
IW-3	07/18/18	3368.96	63.86	47.10	47.12	0.02	NA	NA	NA	3321.86	
IW-3	07/26/18	3368.96	63.86	Sheen	47.12	Sheen	NA	NA	NA	3321.84	
IW-3	07/31/18	3368.96	63.86	Sheen	47.13	Sheen	NA	NA	NA	3321.83	
IW-3	08/07/18	3368.96	63.86	Sheen	47.10	Sheen	NA	NA	NA	3321.86	
IW-3	08/14/18	3368.96	63.86	Sheen	47.06	Sheen	NA	NA	NA	3321.90	pump
IW-3	08/21/18	3368.96	63.86	Sheen	47.04	Sheen	NA	NA	NA	3321.92	pump
IW-3	08/30/18	3368.96	63.86	Sheen	47.09	Sheen	NA	NA	NA	3321.87	pump
IW-3	09/06/18	3368.96	63.86	47.15	47.19	0.04	NA	NA	NA	3321.80	pump
IW-3	09/26/18	3368.96	63.86	Sheen	47.10	Sheen	NA	NA	NA	3321.86	pump
IW-3	10/03/18	3368.96	63.86	Sheen	47.12	Sheen	NA	NA	NA	3321.84	pump
IW-3	10/11/18	3368.96	63.86	Sheen	47.11	Sheen	NA	NA	NA	3321.85	pump
IW-3	10/17/18	3368.96	63.86	46.71	46.72	0.01	NA	NA	NA	3322.25	pump
IW-3	10/24/18	3368.96	63.86	46.84	46.85	0.01	NA	NA	NA	3322.12	pump
IW-3	10/31/18	3368.96	63.86	47.02	47.03	0.01	NA	NA	NA	3321.94	pump
IW-3	11/06/18	3368.96	63.86	47.12	47.13	0.01	NA	NA	NA	3321.84	pump
IW-3	11/13/18	3368.96	63.86	47.14	47.15	0.01	NA	NA	NA	3321.82	pump
IW-3	11/21/18	3368.96	63.86	47.02	47.03	0.01	NA	NA	NA	3321.94	pump
IW-3	11/28/18	3368.96	63.86	46.88	46.91	0.03	NA	NA	NA	3322.08	pump
IW-3	12/07/18	3368.96	63.86	46.90	46.92	0.02	NA	NA	NA	3322.06	pump
IW-3	12/12/18	3368.96	63.86	46.90	46.91	0.01	NA	NA	NA	3322.06	pump

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-3	12/18/18	3368.96	63.86	Sheen	46.90	Sheen	NA	NA	NA	3322.06	pump
IW-3	01/03/19	3368.96	63.86	46.93	46.94	0.01	NA	NA	NA	3322.03	
IW-3	01/08/19	3368.96	63.86	46.96	46.97	0.01	NA	NA	NA	3322.00	
IW-3	01/17/19	3368.96	63.86	46.82	46.85	0.03	NA	NA	NA	3322.14	
IW-3	01/22/19	3368.96	63.86	46.85	46.87	0.02	NA	NA	NA	3322.11	
IW-3	01/29/19	3368.96	63.86	46.85	46.88	0.03	NA	NA	NA	3322.11	
IW-3	02/05/19	3368.96	63.86	46.90	46.91	0.01	NA	NA	NA	3322.06	
IW-3	02/12/19	3368.96	63.86	46.79	46.84	0.05	NA	NA	NA	3322.16	
IW-3	02/22/19	3368.96	63.86	46.76	46.77	0.01	NA	NA	NA	3322.20	
IW-3	02/27/19	3368.96	63.86	46.88	46.89	0.01	NA	NA	NA	3322.08	
IW-3	03/06/19	3368.96	63.86	46.93	46.94	0.01	NA	NA	NA	3322.03	
IW-3	03/12/19	3368.96	63.86	46.90	46.91	0.01	NA	NA	NA	3322.06	
IW-3	03/22/19	3368.96	63.86	46.88	46.89	0.01	NA	NA	NA	3322.08	
IW-3	03/28/19	3368.96	63.86	47.00	47.01	0.01	NA	NA	NA	3321.96	
IW-3	04/02/19	3368.96	63.86	47.68	47.69	0.01	NA	NA	NA	3321.28	
IW-3	04/10/19	3368.96	63.86	47.52	47.53	0.01	NA	NA	10.00	3321.44	pump
IW-3	04/16/19	3368.96	63.86	Sheen	47.52	Sheen	NA	NA	NA	3321.44	pump
IW-3	04/24/19	3368.96	63.86	47.51	47.52	0.01	NA	NA	NA	3321.45	pump
IW-3	05/01/19	3368.96	63.86	47.44	47.45	0.01	NA	NA	NA	3321.52	pump
IW-3	05/09/19	3368.96	63.86	46.74	46.79	0.05	NA	NA	NA	3322.21	pump
IW-3	05/17/19	3368.96	63.86	Sheen	46.84	Sheen	NA	NA	NA	3322.12	pump
IW-3	05/24/19	3368.96	63.86	Sheen	46.86	Sheen	NA	NA	NA	3322.10	pump
IW-3	06/05/19	3368.96	63.86	Sheen	46.85	Sheen	NA	NA	NA	3322.11	pump
IW-3	06/14/19	3368.96	63.86	46.62	46.66	0.04	NA	NA	NA	3322.33	pump
IW-3	06/20/19	3368.96	63.86	Sheen	46.89	Sheen	NA	NA	NA	3322.07	pump
IW-3	06/25/19	3368.96	63.86	ND	46.61	ND	NA	NA	NA	3322.35	pump
IW-3	07/02/19	3368.96	63.86	46.60	46.61	0.01	NA	NA	NA	3322.36	pump
IW-3	07/10/19	3368.96	46.65	46.66	47.03	0.37	NA	NA	NA	3322.24	pump
IW-3	07/28/19	3368.96	63.86	Sheen	46.62	Sheen	NA	NA	NA	3322.34	pump
IW-3	08/11/19	3368.96	63.86	46.73	46.74	0.01	NA	NA	NA	3322.23	pump
IW-3	08/14/19	3368.96	63.86	46.77	46.88	0.11	NA	NA	NA	3322.17	pump
IW-3	08/21/19	3368.96	63.86	46.74	46.75	0.01	NA	NA	NA	3322.22	pump
IW-3	09/06/19	3368.96	63.86	46.75	46.80	0.05	NA	NA	NA	3322.20	pump
IW-3	09/12/19	3368.96	63.86	46.70	46.78	0.08	NA	NA	NA	3322.25	pump
IW-3	09/19/19	3368.96	63.86	46.77	46.83	0.06	NA	NA	NA	3322.18	pump
IW-3	10/08/19	3368.96	63.86	46.64	46.72	0.08	NA	NA	NA	3322.31	pump

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-3	10/16/19	3368.96	63.86	46.60	46.68	0.08	NA	NA	NA	3322.35	pump
IW-3	10/23/19	3368.96	63.86	46.63	46.68	0.05	NA	NA	NA	3322.32	pump
IW-3	10/31/19	3368.96	63.86	46.76	46.83	0.07	NA	NA	NA	3322.19	pump
IW-3	11/05/19	3368.96	63.86	46.75	46.82	0.07	NA	NA	NA	3322.20	pump
IW-3	11/14/19	3368.96	63.86	46.78	46.85	0.07	NA	NA	NA	3322.17	pump
IW-3	11/26/19	3368.96	63.86	46.75	46.79	0.04	NA	NA	NA	3322.20	pump
IW-3	12/04/19	3368.96	63.86	46.78	46.82	0.04	NA	NA	NA	3322.17	pump
IW-3	12/13/19	3368.96	63.86	46.58	46.71	0.13	NA	NA	NA	3322.36	pump
IW-3	12/20/19	3368.96	63.86	46.60	46.70	0.10	NA	NA	NA	3322.35	pump
IW-3	12/26/19	3368.96	63.86	46.58	46.69	0.11	NA	NA	NA	3322.36	pump
IW-3	01/02/20	3368.96	63.86	46.62	46.74	0.12	NA	NA	NA	3322.32	pump
IW-3	01/09/20	3368.96	63.86	46.54	46.58	0.04	NA	NA	NA	3322.41	pump
IW-3	01/14/20	3368.96	63.86	46.54	46.56	0.02	NA	NA	NA	3322.42	pump
IW-3	01/30/20	3368.96	63.86	Sheen	46.57	Sheen	NA	NA	NA	3322.39	pump
IW-3	02/07/20	3368.96	63.86	ND	46.54	ND	NA	NA	NA	3322.42	pump
IW-3	02/12/20	3368.96	63.86	46.46	46.50	0.04	NA	NA	NA	3322.49	pump
IW-3	02/19/20	3368.96	63.86	46.48	46.52	0.04	NA	NA	NA	3322.47	pump
IW-3	02/26/20	3368.96	63.86	46.52	46.62	0.10	NA	NA	NA	3322.43	pump
IW-3	03/05/20	3368.96	63.86	46.52	46.58	0.06	NA	NA	NA	3322.43	pump
IW-3	03/11/20	3368.96	63.86	46.48	46.68	0.20	NA	NA	NA	3322.45	pump
IW-3	03/17/20	3368.96	63.86	46.48	46.50	0.02	NA	NA	NA	3322.48	pump
IW-3	03/23/20	3368.96	63.86	46.50	46.56	0.06	NA	NA	NA	3322.45	pump
IW-3	05/07/20	3368.96	63.86	46.54	46.59	0.05	NA	NA	NA	3322.41	pump
IW-3	05/20/20	3368.96	63.86	46.30	46.85	0.55	NA	NA	NA	3322.58	pump
IW-3	06/03/20	3368.96	63.86	46.28	46.79	0.51	NA	NA	NA	3322.60	pump
IW-3	06/24/20	3368.96	63.86	46.42	46.43	0.01	NA	NA	NA	3322.54	pump
IW-3	07/01/20	3368.96	63.86	46.35	46.52	0.17	NA	NA	NA	3322.58	pump
IW-3	07/14/20	3368.96	63.86	46.40	46.46	0.06	NA	NA	NA	3322.55	pump
IW-3	07/29/20	3368.96	63.86	46.39	46.45	0.06	NA	NA	NA	3322.56	pump
IW-3	08/13/20	3368.96	63.86	Sheen	46.48	Sheen	NA	NA	NA	3322.48	pump
IW-3	08/25/20	3368.96	63.86	ND	46.46	ND	NA	NA	NA	3322.50	pump
IW-3	09/16/20	3368.96	63.86	46.55	46.56	0.01	NA	NA	NA	3322.41	pump
IW-3	09/24/20	3368.96	63.86	46.58	46.61	0.03	NA	NA	NA	3322.38	pump
IW-3	10/29/20	3368.96	63.86	Sheen	46.42	Sheen	NA	NA	NA	3322.54	pump
IW-3	11/10/20	3368.96	63.86	46.44	46.45	0.01	NA	NA	NA	3322.52	pump
IW-3	11/24/20	3368.96	63.86	Sheen	46.48	Sheen	NA	NA	NA	3322.48	pump

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-3	12/08/20	3368.96	63.86	46.68	46.75	0.07	NA	NA	NA	3322.27	pump
IW-3	12/22/20	3368.96	63.86	46.51	46.58	0.07	NA	NA	NA	3322.44	pump
IW-3	01/19/21	3368.96	63.86	46.48	46.56	0.08	NA	NA	NA	3322.47	pump
IW-3	02/02/21	3368.96	63.86	46.39	46.50	0.11	NA	NA	NA	3322.55	pump
IW-3	02/10/21	3368.96	63.86	46.34	46.42	0.08	NA	NA	NA	3322.61	pump
IW-3	02/25/21	3368.96	63.86	46.42	46.52	0.10	NA	NA	NA	3322.53	pump
IW-3	03/02/21	3368.96	63.86	46.32	46.55	0.23	NA	NA	NA	3322.61	pump
IW-3	03/16/21	3368.96	63.86	46.25	46.30	0.05	NA	NA	NA	3322.70	pump
IW-3	03/31/21	3368.96	63.86	46.48	46.59	0.11	NA	NA	NA	3322.46	pump
IW-3	04/16/21	3368.96	63.86	46.31	46.36	0.05	NA	NA	NA	3322.64	pump
IW-3	04/26/21	3368.96	63.86	46.13	46.24	0.11	NA	NA	NA	3322.81	pump
IW-3	05/14/21	3368.96	63.86	46.20	46.29	0.09	NA	NA	NA	3322.75	pump
IW-3	05/27/21	3368.96	63.86	46.19	46.23	0.04	NA	NA	NA	3322.76	pump
IW-3	06/11/21	3368.96	63.86	46.20	46.50	0.30	NA	NA	NA	3322.72	pump
IW-3	06/24/21	3368.96	63.86	46.14	46.48	0.34	NA	NA	NA	3322.77	pump
IW-3	07/08/21	3368.96	63.86	46.21	46.24	0.03	NA	NA	NA	3322.75	pump
IW-3	07/23/21	3368.96	63.86	46.27	46.31	0.04	NA	NA	NA	3322.68	pump
IW-3	08/13/21	3368.96	63.86	46.20	46.24	0.04	NA	NA	NA	3322.75	pump
IW-3	08/26/21	3368.96	63.86	46.44	46.51	0.07	NA	NA	NA	3322.51	pump
IW-3	08/31/21	3368.96	63.86	46.35	46.45	0.10	NA	NA	NA	3322.60	pump
IW-3	09/10/21	3368.96	63.86	46.38	46.45	0.07	NA	NA	NA	3322.57	pump
IW-3	09/30/21	3368.96	63.86	46.37	46.47	0.10	NA	NA	NA	3322.58	pump
IW-3	10/07/21	3368.96	63.86	46.40	46.49	0.09	NA	NA	NA	3322.55	pump
IW-3	10/21/21	3368.96	63.86	46.40	46.41	0.01	NA	NA	NA	3322.56	pump
IW-3	10/27/21	3368.96	63.86	46.35	46.48	0.13	NA	NA	NA	3322.59	pump
IW-3	11/04/21	3368.96	63.86	46.53	46.54	0.01	NA	NA	NA	3322.43	pump
IW-3	11/17/21	3368.96	63.86	46.48	46.51	0.03	NA	NA	NA	3322.48	pump
IW-3	12/03/21	3368.96	63.86	46.30	46.46	0.16	NA	NA	NA	3322.64	pump
IW-3	12/14/21	3368.96	63.86	46.46	46.47	0.01	NA	NA	NA	3322.50	pump
IW-3	12/31/21	3368.96	63.86	46.37	46.42	0.05	NA	NA	NA	3322.58	pump
IW-3	01/27/22	3368.96	63.86	46.35	46.43	0.08	NA	NA	NA	3322.60	pump
IW-3	02/10/22	3368.96	63.86	46.38	46.41	0.03	NA	NA	NA	3322.58	pump
IW-3	02/25/22	3368.96	63.86	46.30	46.37	0.07	NA	NA	NA	3322.65	pump
IW-3	03/23/22	3368.96	63.86	46.32	46.42	0.10	NA	NA	NA	3322.63	pump
IW-3	03/31/22	3368.96	63.86	46.24	46.29	0.05	NA	NA	NA	3322.71	pump
IW-3	04/05/22	3368.96	63.86	46.32	46.34	0.02	NA	NA	NA	3322.64	pump

TABLE 2
2018 -2022 HISTORICAL MONITOR WELL SURVEY DATA AND GROUNDWATER ELEVATIONS
Plains Marketing, L.P.
Vacuum to Jal 14" Mainline #3
NMOCD NO. 1R-455
Lea County, New Mexico

Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery (gallons)		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
IW-3	04/13/22	3368.96	63.86	46.35	46.51	0.16	NA	NA	NA	3322.59	pump
IW-3	04/28/22	3368.96	63.86	46.25	46.33	0.08	NA	NA	NA	3322.70	pump
IW-3	05/12/22	3368.96	63.86	46.28	46.48	0.20	NA	NA	NA	3322.65	pump
IW-3	05/24/22	3368.96	63.86	46.30	46.44	0.14	NA	NA	NA	3322.64	pump
IW-3	06/17/22	3368.96	63.86	46.27	46.47	0.20	NA	NA	NA	3322.66	pump
IW-3	06/22/22	3368.96	63.86	46.24	46.39	0.15	NA	NA	NA	3322.70	pump
IW-3	07/21/22	3368.96	63.86	46.42	46.45	0.03	NA	NA	NA	3322.54	pump
IW-3	08/18/22	3368.96	63.86	46.49	46.52	0.03	NA	NA	NA	3322.47	pump
IW-3	09/21/22	3368.96	63.86	46.60	46.78	0.18	NA	NA	NA	3322.33	pump
IW-3	09/28/22	3368.96	63.86	46.51	46.53	0.02	NA	NA	NA	3322.45	pump
IW-3	10/07/22	3368.96	63.86	46.66	46.78	0.12	NA	NA	NA	3322.28	pump
IW-3	10/19/22	3368.96	63.86	46.69	46.81	0.12	NA	NA	NA	3322.25	pump
IW-3	11/15/22	3368.96	63.86	46.61	46.74	0.13	NA	NA	NA	3322.33	pump
IW-3	12/06/22	3368.96	63.86	46.50	46.72	0.22	NA	NA	NA	3322.43	pump
IW-3	12/29/22	3368.96	63.86	46.52	46.78	0.26	NA	NA	NA	3322.40	pump

NA: Not applicable
ND: Not detected
NS: Not surveyed
NG: Not gauged

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 201162

CONDITIONS

Operator:	OGRID:
PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	34053
	Action Number: 201162
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2022 Annual Groundwater Monitoring Report for Vacuum to Jal 14" Mainline #3: Content Satisfactory 1. Continue PSH recovery from monitor wells MW-1, RW-1, RW-2, RW-4, RW-5 and IW-1 through MW-3 on a bimonthly basis. 2. Continue to conduct quarterly groundwater monitoring for wells without measurable PSH 3. Continue to collect PAH samples during annual groundwater sampling for MW-1, IW-1, and IW-3. 4. Annual sampling events without the detection of PAH (RW-1 through RW-5, IW-2) may be discontinued for sampling per the 2020 Annual Groundwater Monitoring Report Approval. 5. Submit the 2023 Annual Groundwater Monitoring Report Approval by or before April 1, 2024.	8/22/2023