2020 ANNUAL GROUNDWATER MONITORING REPORT

Vacuum to Jal 14” Mainline #5
Lea County, New Mexico
UL-A, Section 2, T22S, R37E
NMOCD No.: 1R-0464
Plains SRS No.: 2003-00134
Incident ID: nAPP2108847697

APPROVED
By Nelson Velez at 11:22 am, Jan 12, 2022

PREPARED FOR

PLAINS PIPELINE, L.P.

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PREPARED BY
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March 2021

Review of 2020 ANNUAL GROUNDWATER MONITORING REPORT:
Content satisfactory
Contractor recommendations approved by OCD and are as follows;
1. Continue PSH recovery from wells RW-1 through RW-3 and RW-8 on a monthly basis
2. Continue groundwater monitoring semi-annually from monitor wells MW-1, MW-2, RW-5 and RW-6
3. OCD approves the groundwater sampling reduction to semi-annually for monitor wells MW-4, MW-6, and MW-7
4. Complete quarterly groundwater sampling of monitor wells MW-3, MW-5, recovery wells RW-1, RW-2, RW-3, RW-7, and RW-8 if no measurable PSH is observed
Submit the Annual Monitoring Report to the OCD no later than March 31, 2022.

BILL GOLDSBY, P.G.
SENIOR PROJECT MANAGER

KATHLEEN BUXTON, P.G.
SENIOR PROJECT MANAGER

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1.0 INTRODUCTION AND OBJECTIVES

1.1 Objectives and Site Information

EnTech Consultants (EnTech) prepared this annual report on behalf of Plains Pipeline, L.P. (Plains) for the Vacuum to Jal 14" Mainline #5 release area (Site), located in T22S, R37E, Section 2 of Lea County, New Mexico. The Site is approximately two (2) miles east of Eunice, New Mexico, and more specifically located at latitude 32° 25'39.006" N and longitude 103° 07'43.155" W (**Figure 1**). The hydrocarbon impact at the Site is the result of a 20-barrel (bbl) crude oil release that occurred from the pipeline on May 23, 2003. The pipeline was owned by EOTT Energy, LLC (EOTT) at the time of the release and is currently owned by Plains.

This report presents the data collected at the Site during weekly, bi-weekly, and monthly groundwater gauging and phase separated hydrocarbon (PSH) recovery and four (4) quarterly groundwater sampling events conducted during 2020. 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. PSH recovery activities are conducted to remove residual crude oil from groundwater.

EnTech was retained by Plains in 2012 to manage continued remediation activities at the Site. According to the initial New Mexico Oil Conservation Division (NMOCD) Response Notification (NMOCD Form C-141), Mr. Pat McCasland of Environmental Plus, Inc. (EPI) reported the release, on behalf of Mr. Frank Hernandez of EOTT on May 23, 2003. A copy of the C-141 Release Notification Form was provided in the 2010 Annual Report Dated March 2011. The leak was apparently caused by internal or external corrosion. The line was being pressure tested when the leak occurred.

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 was retained by Plains for consulting services for the Site. Even though the environmental consultant for the Site has changed, the same personnel were retained by EnTech to complete work for the Site.

EPI oversaw the initial emergency response activities at the Site in May and June of 2003. According to EPI documents, the May 2003 release resulted in surface impacts in two (2) areas that required excavation. The larger of the excavations was an irregularly shaped area measuring approximately 200-feet by 40-feet, and affected a surface area of approximately 8,885-square feet (ft^2). The smaller area had an L-shaped footprint located east of the southernmost portion of the larger excavation that measured approximately 40-feet by 60-feet and affected a surface area of approximately 2,500-ft^2. The EPI data also revealed the presence of a historical spill at the Site identified by the

presence of an asphaltene layer that affected an area in the central portion of the larger excavation directly under the existing pipelines.

Based on the information provided by Mr. McCasland and file correspondence between EPI and Plains, approximately 1,466-cubic yards (yds^3) of heavily impacted surface soils were transported off-Site for treatment at the Lea Station Land Farm in March 2004. The remaining excavated soil was spread out adjacent to the excavation. In March 2004. EPI installed four (4) trenches in areas of known hydrocarbon-impact to further delineate depths of contamination and to determine if the base of the excavation was contaminated.

In January 2006, EarthCon collected twelve (12) composite soil samples from the excavated material to evaluate the concentration of hydrocarbons remaining. In March 2006, EarthCon oversaw the installation of three (3) soil borings which were subsequently converted to monitor wells (MW-1 through MW-3) at the Site. Following the installation of the three (3) monitor wells, EarthCon began weekly gauging and PSH recovery, and quarterly groundwater sampling activities at the Site.

Based on the available soil and groundwater data, a Soil Remediation Plan (SRP) was prepared and submitted to the NMOCD in May 2006. The primary objective of the SRP was to excavate the highly affected soils and to isolate and control residual concentration of COCs, preventing them from further affecting the groundwater. The plan called for the placement of an impermeable liner at the base of the excavation, eliminating migration. The SRP was approved by the NMOCD in June 2006. During October and November 2006, EarthCon collected additional confirmation soil samples in the open excavations and supervised over-excavation of the impacted area, installation of a liner, and backfilling activities. The soil remediation activities were documented in the *Soil Closure Report* dated March 2007. Groundwater investigation activities were also conducted at the Site. Details associated with these site investigation activities were presented in the *Site Investigation and Annual Report*, dated March 2007. These reports document attainment of the risk-based NMOCD approved cleanup objectives for soils established for this Site. Additionally, these reports establish that the COCs in groundwater have been delineated. The reports were submitted to the NMOCD for final regulatory approval for closure of soil issues at this Site, and a request made for a “No Further Action Required for Soil Remediation” letter from the NMOCD.

The groundwater remediation goals and the proposed remedial approach are discussed in a Groundwater Work Plan submitted to the NMOCD in December 2009. Monitored natural attenuation is the established remedial approach for this Site along with source reduction activities including PSH recovery and quarterly groundwater monitoring. Additional assessment activities occurred at the Site in June of 2011 with the installation of recovery wells RW-1 through RW-6. The wells were initially installed to define the

lateral extent of affected groundwater and subsequently converted to recovery wells to enhance product recovery efforts.

In July 2012, EnTech was retained by Plains to continue remediation and groundwater activities at the Site.

Groundwater and product recovery activities at the Site continued in 2013. Specifically, two (2) recovery wells (RW-7 and RW-8) were installed in 2013. Since 2013, quarterly groundwater sampling has continued at the Site along with PSH recovery.

This report summarizes the activities conducted in 2020 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:

COC	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

In addition to using the above values as the target cleanup goals for COC concentrations in groundwater at the Site, PSH removal is considered an integral part of ongoing remediation activities.

1.4 Limitations

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 2020 primarily consisted of gauging wells for groundwater levels, determining the presence or absence of PSH, and recovering PSH using absorbent socks, hand bailing, and submersible pumps. Groundwater sampling of PSH-free monitor/recovery wells was also completed on a quarterly basis to evaluate the extent of the dissolved-phase hydrocarbon plume.

Measurements of the depth to groundwater and product thickness in wells with hydrocarbon sheen or PSH were completed during the PSH recovery and groundwater sampling events. Seven (7) groundwater monitor wells (MW-1 through MW-7) and eight (8) recovery wells (RW-1 through RW-8) were gauged using an oil/water interface probe. The well locations are shown on **Figure 2**. Recovery well RW-8 was installed in November 2013 to enhance product recovery efforts at the Site. Information regarding the installation of RW-8 was included in the *2013 Soil Investigation and Groundwater Monitoring* report submitted to the NMOCD in March 2014.

Groundwater level elevations and the presence of PSH, if any, were noted for each monitor/recovery well on a quarterly basis. 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. Four (4) recovery wells (RW-1, RW-2, RW-3, and RW-8) contained a PSH thicknesses ranging from sheen to 1.09-feet during 2020. These wells were sampled annually to evaluate remaining COC concentrations and polycyclic aromatic hydrocarbons (PAH). Starting in the second quarter of 2008 all recovery and monitor wells with PSH or sheen were required to be sampled annually. Additionally, after a review of the 2010 Annual Groundwater Monitoring Report, the NMOCD requested that any monitor well which had a COC exceeding NMOCD standards be sampled for PAHs. To meet these two (2) requirements and for consistency, groundwater samples were collected during the second quarter of 2011 through 2018 from recovery wells RW-1 and RW-2, and in the second quarter of 2014 through 2018 from recovery well RW-8 for PAH analysis. Groundwater samples were collected from recovery wells RW-1, RW-3, and RW-8 for analysis of PAH in 2019, whereas groundwater samples were analyzed for PAH in groundwater samples collected from recovery wells RW-1 through RW-3 and RW-8 in 2020.

Groundwater monitor wells not exhibiting PSH or hydrocarbon sheen were gauged and sampled quarterly. 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, and then groundwater samples were collected using a new dedicated disposable bailer.

Groundwater samples were transferred directly from the disposable bailers into the appropriate laboratory-supplied sample containers. The sample containers were then packaged to prevent breakage, placed on ice in a cooler, and shipped to Pace Analytical (Pace) of The Woodlands, Texas for analysis. The groundwater samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by Environmental Protection Agency (EPA) Method SW 8260B and PAHs by EPA Method SW 8270C.

2.2 Groundwater Gauging

Table 1 summarizes groundwater gauging (elevation and PSH thickness) measurements taken before each quarterly groundwater sampling event in 2019-2020. Groundwater elevations and PSH thickness measurements were taken in four (4) recovery wells (RW-1 through RW-3 and RW-8) during PSH recovery efforts. Complete historical groundwater elevation and PSH thickness measurements 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, and updated in December 2013 by EnTech for the two (2) new recovery wells installed in November 2013 (RW-7 and RW-8).

2.3 Groundwater Gradient and Flow Direction

Using the 2020 groundwater gauging data summarized in **Table 1**, groundwater gradient maps illustrating groundwater flow direction 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 17, June 16, September 16, and December 22, 2020. The hydraulic gradient in 2020 ranged from 0.0034 to 0.0037 foot/foot (ft/ft), based on groundwater elevations measured between monitor well MW-4 and recovery well RW-6. The groundwater flow direction has consistently been to the south.

2.4 Groundwater Analytical Results

Groundwater samples were collected on March 18, June 17, September 16, and December 23, 2020 from all wells that did not contain PSH (see **Table 3**). Sampled monitor/recovery wells were purged by removing a minimum of three (3) to five (5) well volumes of groundwater. In some instances, depending on groundwater conditions, wells were bailed dry three (3) times using a disposable bailer and allowed to recover to at least 80% of the initial volume before collecting samples. Groundwater samples were collected and transferred into laboratory-supplied sample containers. The sample containers were placed on ice in a cooler and shipped to Pace, in The Woodlands, Texas for analysis. Groundwater samples collected from select monitor/recovery wells were analyzed for BTEX in all four (4) quarters of 2020.

Analytical results reported for the groundwater samples collected from wells MW-1 through MW-7, RW-1, and RW-4 through RW-7, indicated nondetectable BTEX concentrations or concentrations below the NMOCD groundwater remediation criteria for all four (4) quarters of 2020. Groundwater samples were also collected from recovery well RW-3 during the 2nd and 3rd quarters 2020 which indicated nondetectable BTEX concentrations or concentrations below the NMOCD groundwater remediation criteria. Finally, groundwater samples were collected from recovery wells RW-1, RW-2, and RW-8 during the 2nd quarter of 2020 which indicated benzene concentrations ranging from nondetectable to 0.0424 milligrams per liter (mg/L). The benzene concentration analyzed in the groundwater samples RW-8 (0.0424 mg/L) was above the NMOCD criteria of 0.01 mg/L. Analysis of all other BTEX constituents (i.e., toluene, ethylbenzene, and total xylenes) occurred below MDLs or levels below the NMOCD criteria.

Groundwater samples collected from recovery wells RW-1 through RW-3 and RW-8 during the second quarterly sampling event in 2020 were also evaluated for PAHs which indicated nondetectable concentrations of naphthalene, acenaphthene, fluorene, phenanthrene, chrysene, and dibenzofuran or concentrations below the NMOCD groundwater remediation criteria. Concentrations of total methylnaphthalenes were detected during analysis, however the concentration observed in the samples collected indicated concentrations below the NMOCD criteria of 30 micrograms per liter (µg/L). PAH samples are recommended to be discontinued in all wells with two consecutive years of concentrations below the NMOCD criteria. RW-8 will be sampled in 2021. If concentrations of PAH remain below the NMOCD criteria, PAH sampling will be discontinued in 2022.

Table 2.4.1 below summarizes the COC concentrations in which NMOCD Remediation Criteria exceedances were observed in 2020. Benzene concentrations reported at levels exceeding the NMOCD standards are marked in **bold**. The 2020 analytical results are presented in **Table 3**.

	Table 2.4.1				
	2020 COC Detected Concentrations (mg/L)				
NMOCD Remediation Criteria (mg/L)	First Quarter	Second Quarter		Third Quarter	Fourth Quarter
	Benzene	Benzene	Total Methylnaphthalenes (µg/L)	Benzene	Benzene
	0.01	0.01	30.00	0.01	0.01
RW-1	0.00355	0.00794	4.96	0.00145	0.00113
RW-2	NS	0.00404	0.322	NS	NS
RW-3	NS	<0.001	3.16	0.001	NS
RW-8	NS	**0.0424**	25.35	NS	NS

Note: Concentrations in bold indicate exceedances of NMOCD Remediation criteria.
NS –Not sampled due to PSH sheen or a visible PSH sheen.
mg/L – milligrams per liter

Historical analytical results are presented in **Table 4**. Laboratory analytical reports and data packages are provided in **Appendix A**. The groundwater analytical data for each quarterly sampling event of 2020 are illustrated in **Figures 4A** through **4D**.

2.5 Groundwater Waste Disposal

Purge water from well sampling at monitor wells MW-1 through MW-7 and recovery wells RW-1 through RW-8 is placed in the 1,100-gallon aboveground storage tank (AST) located at the Site. These liquids are vacuumed from the AST and transported off-Site for disposal by Maverick of Eunice, New Mexico.

3.0 PSH RECOVERY

3.1 PSH Recovery Methodology

In addition to collecting groundwater samples, EnTech performed activities at the Site to gauge and periodically recover PSH from recovery wells exhibiting PSH or sheen (RW-1 through RW-3, and RW-8). Recovery well RW-8, was installed in November 2013 and added for PSH recovery on a weekly basis. Measurements to PSH and water levels were recorded during each Site visit (see **Table 2**). PSH recovery activities were initially completed using submersible pumps, hand bailing and/or absorbent socks. Routine PSH recovery activities typically consisted of the removal of 5- to 20-gallons of groundwater and dissolved-phase hydrocarbons and approximately 1-gallon of PSH from the above referenced wells.

3.2 PSH Recovery via Pumping and Manual Bailing

During 2020, measurable PSH was observed in recovery wells RW-1 through RW-3 and RW-8 during at least one (1) quarterly sampling event. Annual PSH and dissolved phase groundwater recovery data for 2020 are presented in **Table 6**.

The PSH measured in recovery well RW-1 during PSH recovery events in 2020, indicated stable thicknesses. The maximum PSH thickness observed in RW-1 (0.6-ft) in 2020 and represent a reduction from the maximum thickness observed in 2019 (0.04-ft).

The maximum PSH thickness measured in recovery well RW-2 (0.35-ft) represents a decrease from the maximum PSH thickness observed in 2019 (0.99-ft). The calculated average product thickness measured in RW-2 in 2020 was 0.10-ft, which was a decrease from the calculated average product thickness observed in 2019 (0.21-ft).

The PSH thicknesses observed in recovery well RW-3 in 2020 ranged from a sheen to 0.013 ft. These levels were a reduction as compared to the maximum thickness observed in 2019 (0.28-ft). The calculated average thickness for 2020 was 0.02-ft, a reduction from 0.09-ft observed in 2019.

The PSH thicknesses ranging from a sheen to 1.09-ft were observed in recovery well RW-8 in 2020. The average calculated thickness in 2020 of 0.16-ft was a decrease compared to the average calculated thickness observed in 2019 (0.16-ft).

3.3 PSH Waste Disposal

Approximately 15.25-gallons of PSH and 854-gallons of affected groundwater were recovered from the wells containing PSH during 2020 (RW-1 through RW-3 and RW-8) These liquids are vacuumed from the tank and transported off-Site for disposal by Maverick of Eunice, New Mexico.

4.0 MONITORED NATURAL ATTENUATION

4.1 Regulatory Framework for Monitored Natural Attenuation

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

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

- **Primary Lines of Evidence (PLOE).** Relies on use of historical groundwater data that demonstrate a clear trend of stable or decreasing 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 Site is currently undergoing Plume Stability Analysis. While samples are collected observing field measured groundwater quality parameters (i.e., oxygen-reduction potential, dissolved oxygen, etc.), insufficient data exists at this time to perform a reliable evaluation.

While plume stability using MNA cannot be fully evaluated at this time, PLOEs do exist and include:

- The benzene concentrations reported in the groundwater samples collected from the monitor and recovery wells down-gradient of the plume (MW-1, MW-5

through MW-7, and RW-6) have been nondetectable or at levels below the NMOCD criteria since 2011;

- Benzene concentrations reported in the groundwater samples collected from cross-gradient monitor wells (MW-2 and RW-5) have remained at nondetectable levels or concentrations below the NMOCD criteria since 2007. Recovery well RW-7 was installed in 2013 and analysis of groundwater samples since installation have all indicated concentrations below the NMOCD groundwater remediation criteria through 2020;
- Benzene concentrations analyzed in groundwater samples collected from recovery wells in proximity to the release area (RW-1 through RW-3 and RW-8) appear to be stable; and,
- PSH thicknesses observed in recovery wells RW-1 through RW-3 and RW-8 decreased during 2020. Specifically, the thickness observed in RW-1 decreased from a maximum of 0.03-foot at the beginning of 2019 to a sheen in the 3rd quarter of 2020; the observed thickness in RW-2 which decreased from 0.22-foot at the beginning of 2019 to 0.07-foot at the end of 2020; and the observed thickness in RW-3 which decreased from 0.07-foot at the beginning of 2019 to 0.01-foot at the end of 2020. The observed thickness in RW-8 which measured 0.13-foot at the beginning of 2019 increased to 0.82-foot at the end of 2020.

The dissolved phase plume was evaluated in 2020 by analyzing groundwater samples collected quarterly from eleven (11) PSH-free monitor and recovery wells. Groundwater samples were collected from monitor wells MW-1 through MW-7 and recovery wells RW-4 through RW-7. Laboratory analysis of those samples collected from PSH-free wells during 2020 indicated nondetectable BTEX concentrations or concentrations below the NMOCD acceptable levels.

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

This analysis was conducted to understand the overall stability of the benzene plume during 2006 through 2020. This study included the development of benzene concentration isopleths maps from the average of the benzene concentrations reported in the four (4) quarterly groundwater sampling events for all the wells with no PSH (specifically monitor wells MW-1 through MW-7 and recovery wells RW-4 through RW-7). Since the wells with PSH were sampled during the 2nd quarter groundwater sampling

events from 2008 through 2019, the benzene concentrations reported during this sampling event were used in the plume evaluation.

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

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

Concentrations of benzene analyzed in groundwater samples collected from the Site between June 3, 2011 and December 23, 2020 were evaluated using the MKTT. Only monitor wells with detectable concentrations of benzene in 2019-2020 were evaluated.

Monitor wells evaluated by MKTT for benzene included recovery well RW-1 through RW-3 and RW-8. The confidence factor [CF] for analysis of benzene concentrations is listed in brackets following the well. Recovery wells RW-1 [99.8%], RW-2 [96.2%], RW-3 [97.1%], and RW-8 [97.2%] all indicated a "decreasing" trend. A copy of the MKTT analysis is included in Appendix C.

The benzene concentration isopleth maps for 2015 through 2020 are presented in **Figures 5** through **10** respectively. The analytical data collected for the Site used for the plume stability analysis indicates that the benzene plume emanating from the Site has a decreasing trend in concentration, size and mass.

5.0 FINDINGS

Findings and recommendations resulting from 2020 groundwater monitoring at the Site are summarized below.

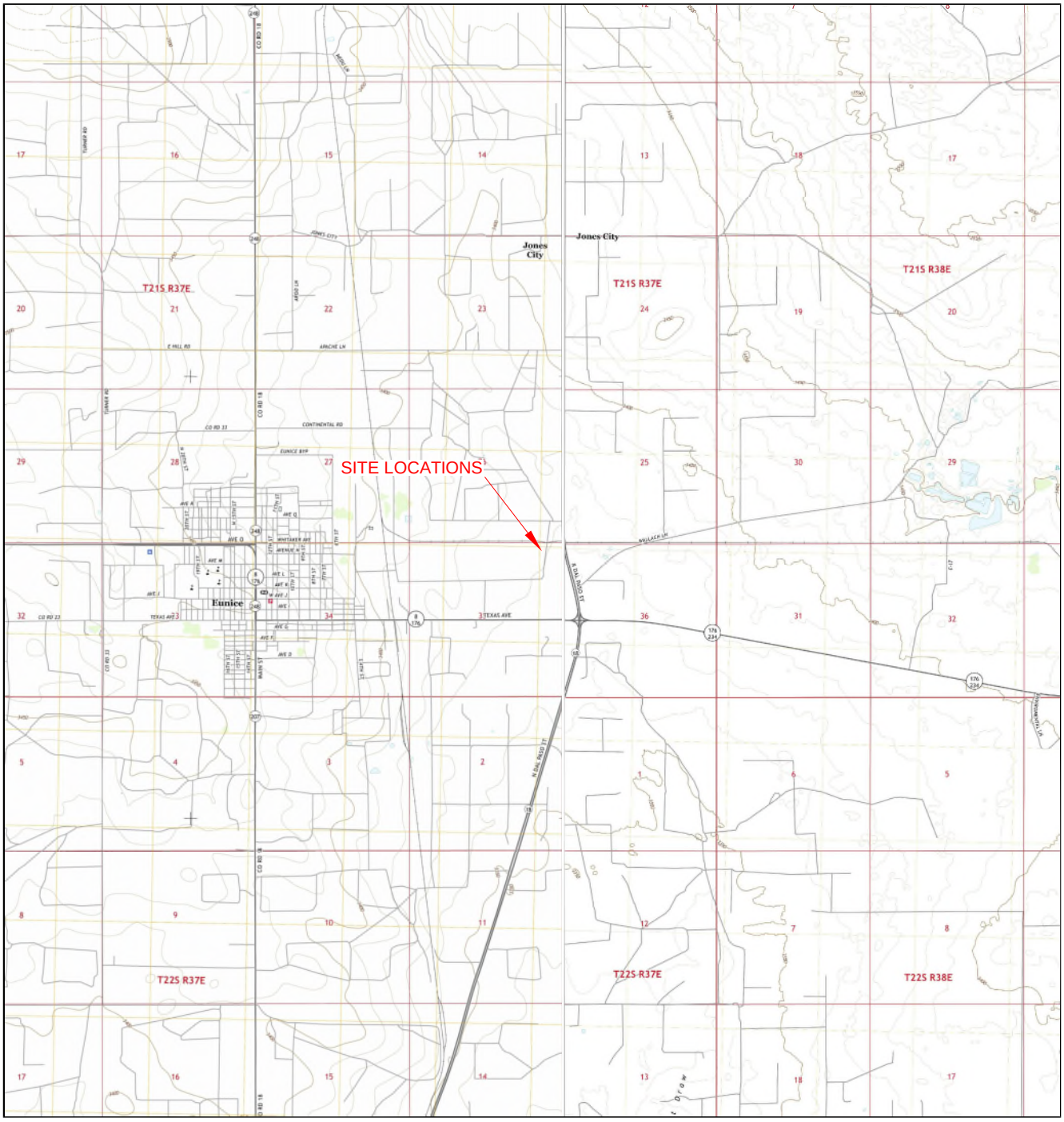
- Groundwater flow in the uppermost groundwater-bearing unit is to the south ranging from 0.0034 to 0.0037 ft/ft as measured between wells MW-4 and RW-6.
- Analytical results reported for the groundwater samples collected from wells MW-1 through MW-7, RW-1, and RW-4 through RW-7, indicated nondetectable BTEX concentrations or concentrations below the NMOCD remediation criteria.
- Laboratory analysis of groundwater samples collected from recovery wells with observed PSH (RW-1 through RW-3 and RW-8) in 2020 indicated benzene concentrations ranging from nondetectable to 0.0424 mg/L. Benzene concentrations analyzed in the groundwater samples collected from RW-1 through RW-3, were all below the NMOCD criteria of 0.01 mg/L however, the benzene concentration analyzed in the groundwater sample from recovery well RW-8 exceeded the NMOCD remediation criteria. Analysis of all other BTEX constituents (i.e., toluene, ethylbenzene, and total xylenes) occurred at nondetectable concentrations or concentrations below the NMOCD criteria.
- PSH recovery from wells RW-1, RW-2, RW-3, and RW-8 continued during 2020. The estimated quantity of PSH recovered from wells exhibiting PSH during weekly PSH recovery efforts totaled approximately 16-gallons, with affected groundwater recovery totaling approximately 874-gallons.
- The PSH plume has remained in the historical source area, located in the vicinity of recovery wells RW-1 through RW-3 and RW-8, and does not appear to be migrating downgradient.

Based on PSH recovery data and groundwater sampling completed during 2020 (and previously) at the Site, EnTech recommends the following actions:

- PSH recovery from wells RW-1 through RW-3 and RW-8 continue on a monthly basis.
- Groundwater monitoring be conducted semi-annually on monitor wells MW-1, MW-2, RW-5 and RW-6.
- Reducing groundwater sampling to semi-annually for monitor wells MW-4, MW-6, and MW-7.
- Quarterly groundwater sampling of monitor wells MW-3, MW-5, and recovery wells RW-1, RW-2, RW-3, RW-7 and RW-8 if no measurable PSH is observed.
- An annual groundwater sampling event on all wells at the Site.

- PAH samples are recommended to be discontinued in all wells with two consecutive years of concentrations below the NMOCD criteria. RW-8 will be sampled in 2021. If concentrations of PAH remain below the NMOCD criteria, PAH sampling will be discontinued in 2022.

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

TABLES

Appendix A

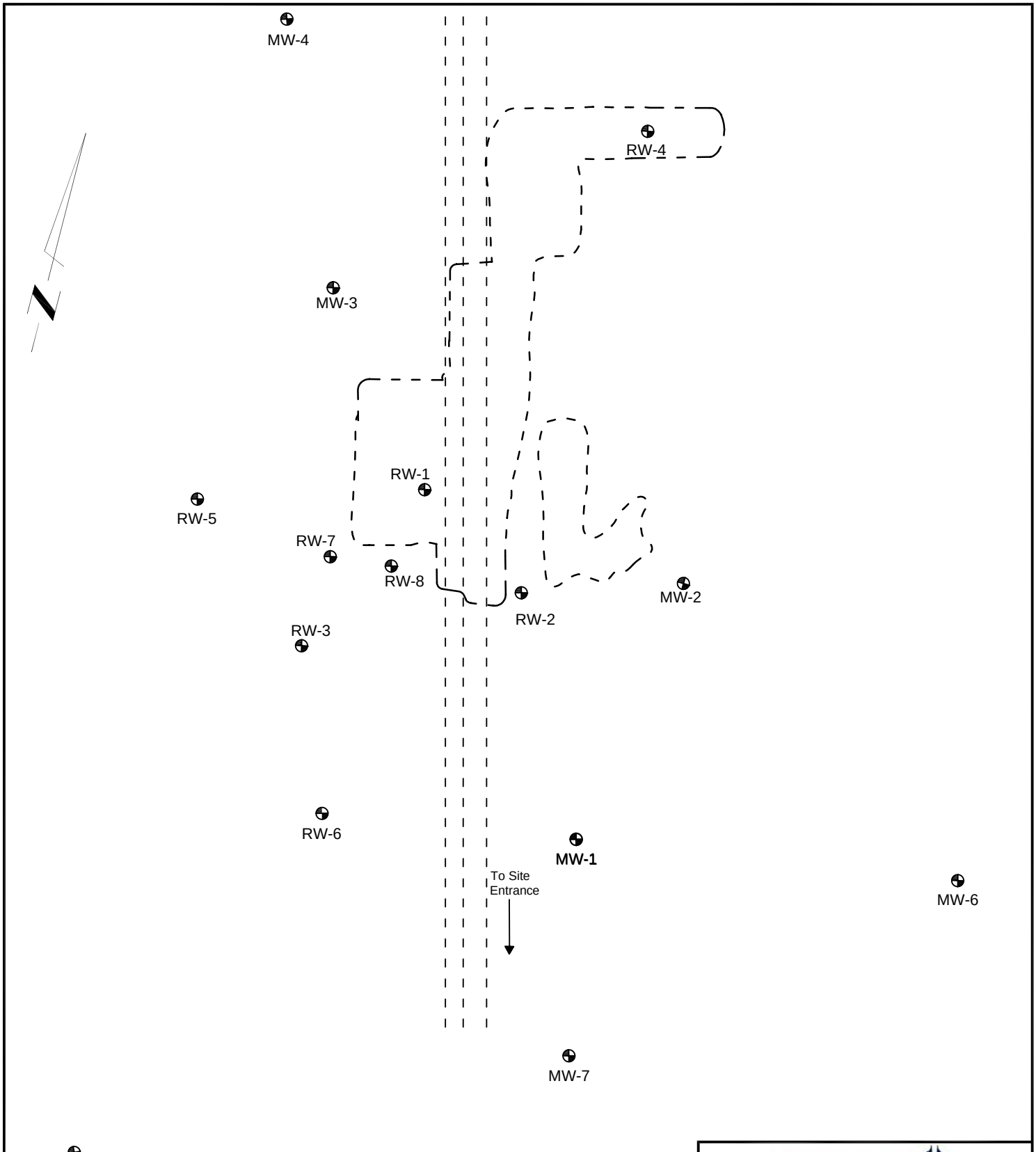
2020 Laboratory Reports and Chain of Custody Documentation

Appendix B

Mann-Kendall Trend Test

Appendix C

2006 – 2020 Historical Well Survey Data and Groundwater Elevations



LEGEND:

- **MW** - Monitoring or Recovery Well Location
- ---- - Excavation Extent
- – – – - Burried Pipeline

0 60

FEET

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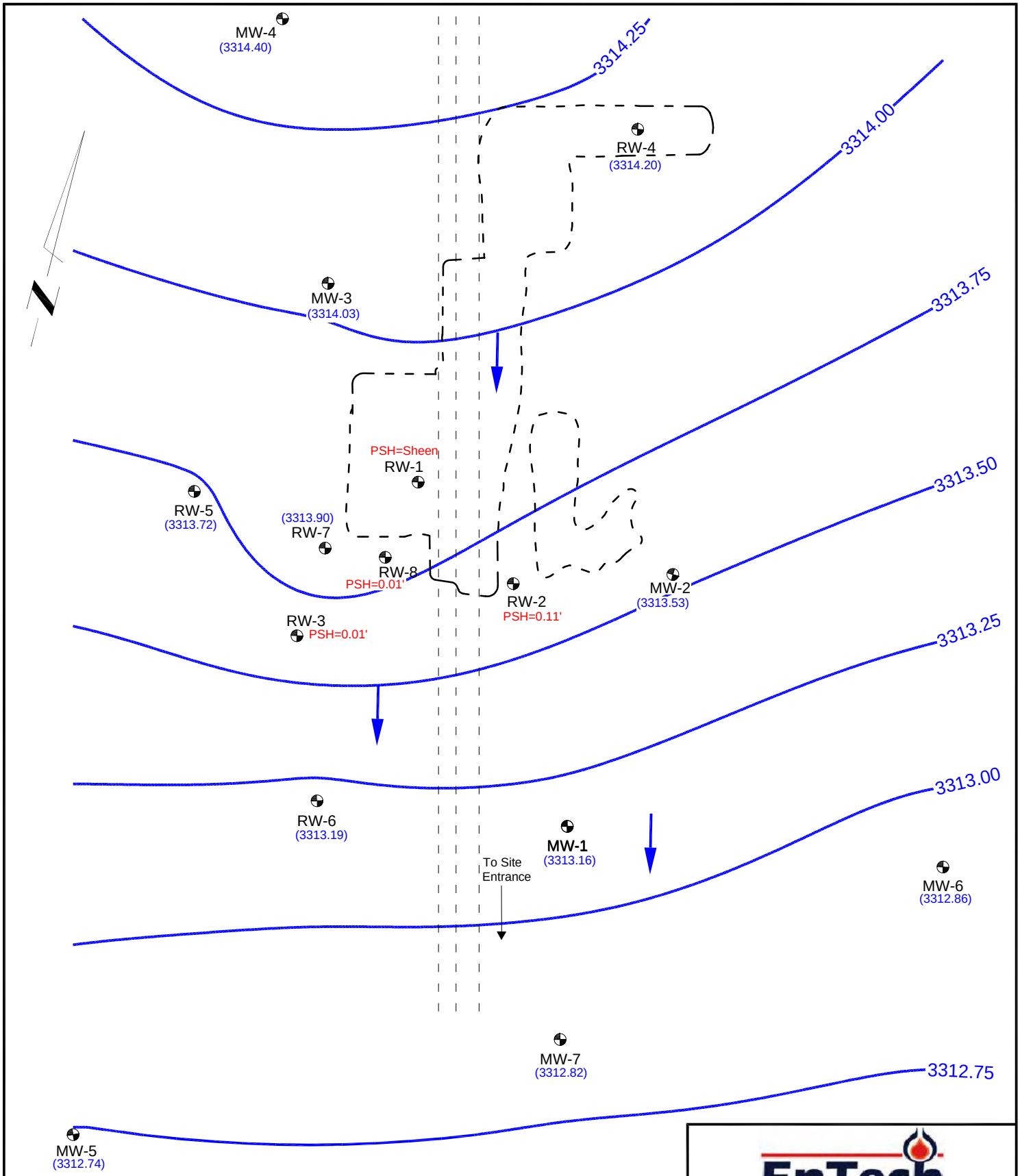
Figure 2
Site Map
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015	DATE: 1/21



LEGEND:

- MW - Monitoring or Recovery Well Location
- ---- - Excavation Extent
- – – – - Buried Pipeline
- 3312.5 - Groundwater Elevation Contour, ft. Contour Interval = 0.25'
- (3311.73) - Corrected Groundwater Elevation, ft.
- ← - Grounwater Flow Direction

PSH - Phase Separated Hydrocarbons
Wells with PSH not used to calculated gradient.

0 60
FEET

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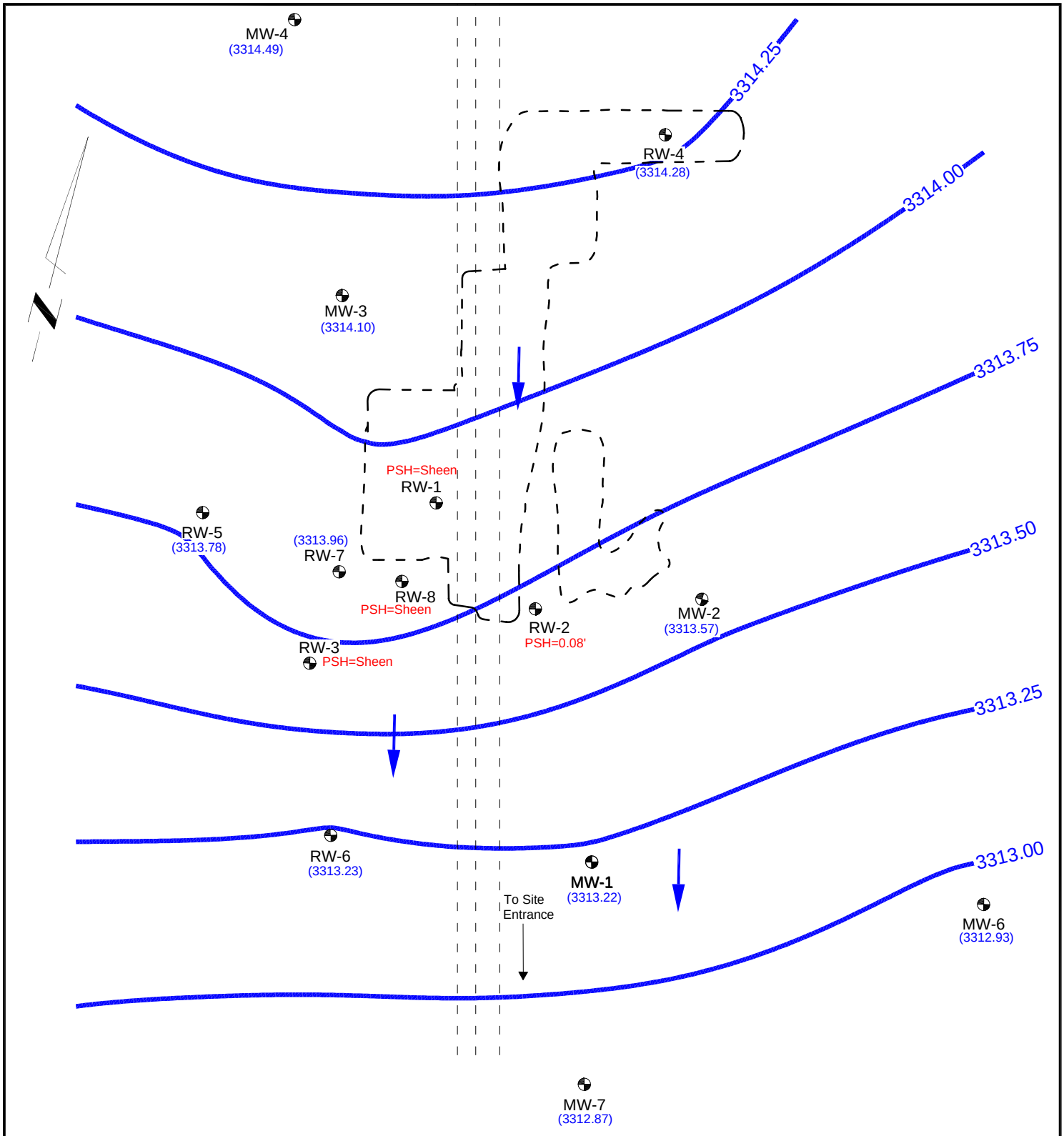
Figure 3A
1st Quarter 2020 - Groundwater Gradient Map
March 17, 2020
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/21



LEGEND:

- MW - Monitoring or Recovery Well Location
- ---- - Excavation Extent
- – – – - Burried Pipeline
- 3312.5 - Groundwater Elevation Contour, ft. Contour Interval = 0.25'
- (3311.73) - Corrected Groundwater Elevation, ft.
- ← - Grounwater Flow Direction

PSH - Phase Separated Hydrocarbons
Wells with PSH not used to calculated gradient.

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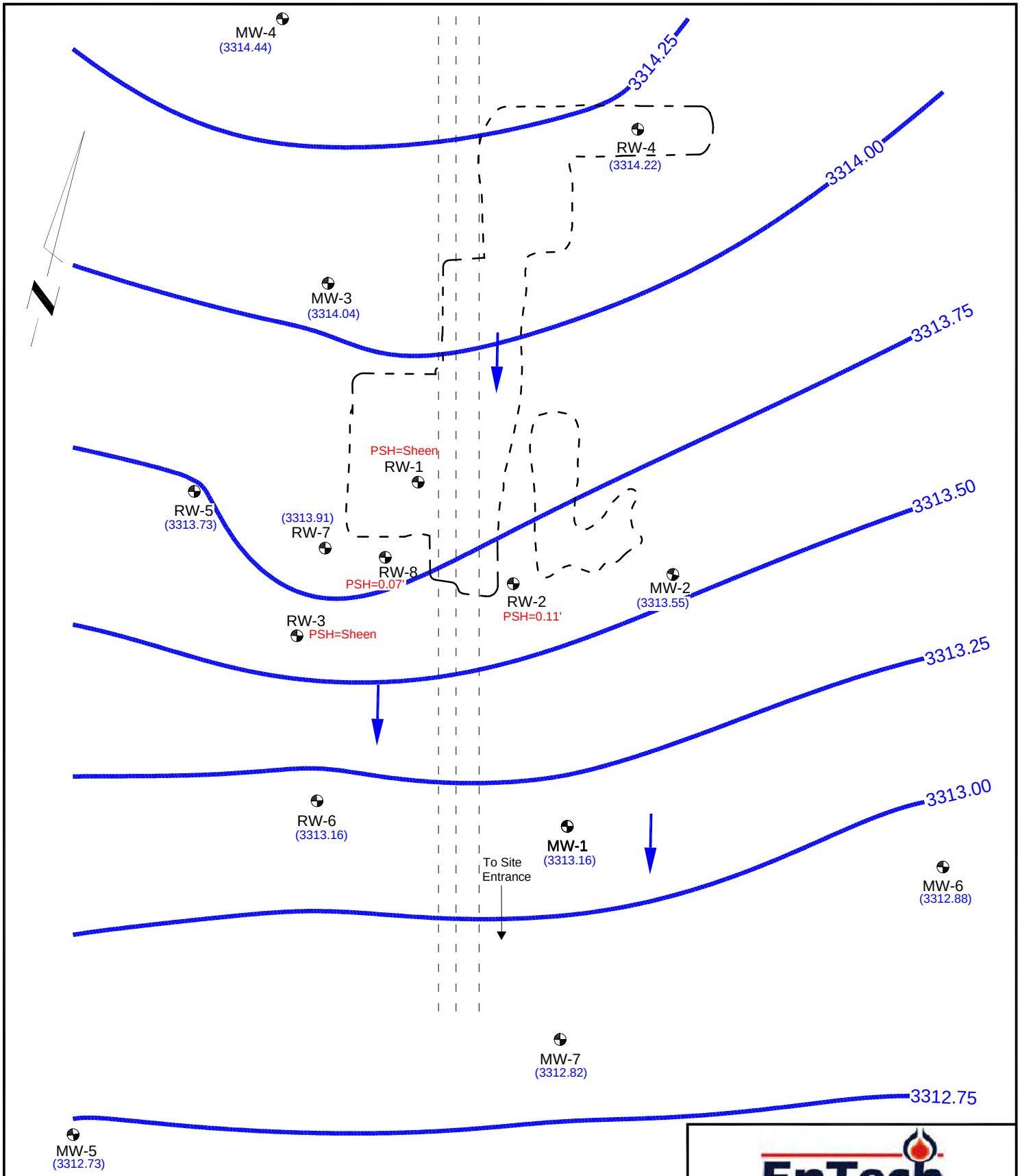
Figure 3B
2nd Quarter 2020 - Groundwater Gradient Map
June 16, 2020
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/21



LEGEND:

- MW - Monitoring or Recovery Well Location
- ---- - Excavation Extent
- – – – - Buried Pipeline
- 3312.5 - Groundwater Elevation Contour, ft. Contour Interval = 0.25'
- (3311.73) - Corrected Groundwater Elevation, ft.
- ← - Grounwater Flow Direction

PSH - Phase Separated Hydrocarbons
Wells with PSH not used to calculated gradient.

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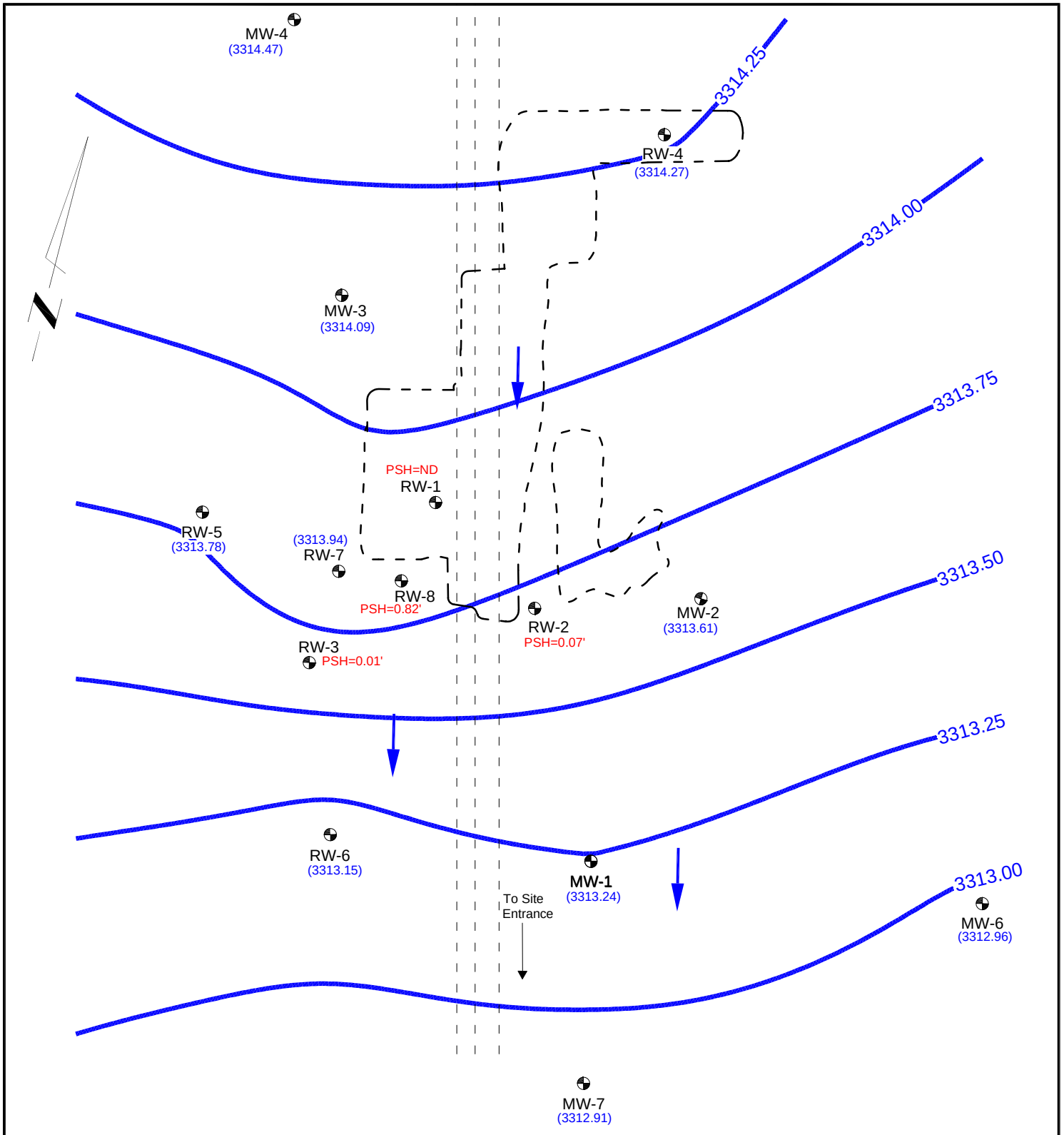
Figure 3C
3rd Quarter 2020 - Groundwater Gradient Map
September 16, 2020
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/21



LEGEND:

- MW - Monitoring or Recovery Well Location
- ---- - Excavation Extent
- – – – - Buried Pipeline
- 3312.5 - Groundwater Elevation Contour, ft. Contour Interval = 0.25'
- (3311.73) - Corrected Groundwater Elevation, ft.
- ← - Grounwater Flow Direction

PSH - Phase Separated Hydrocarbons
Wells with PSH not used to calculated gradient.

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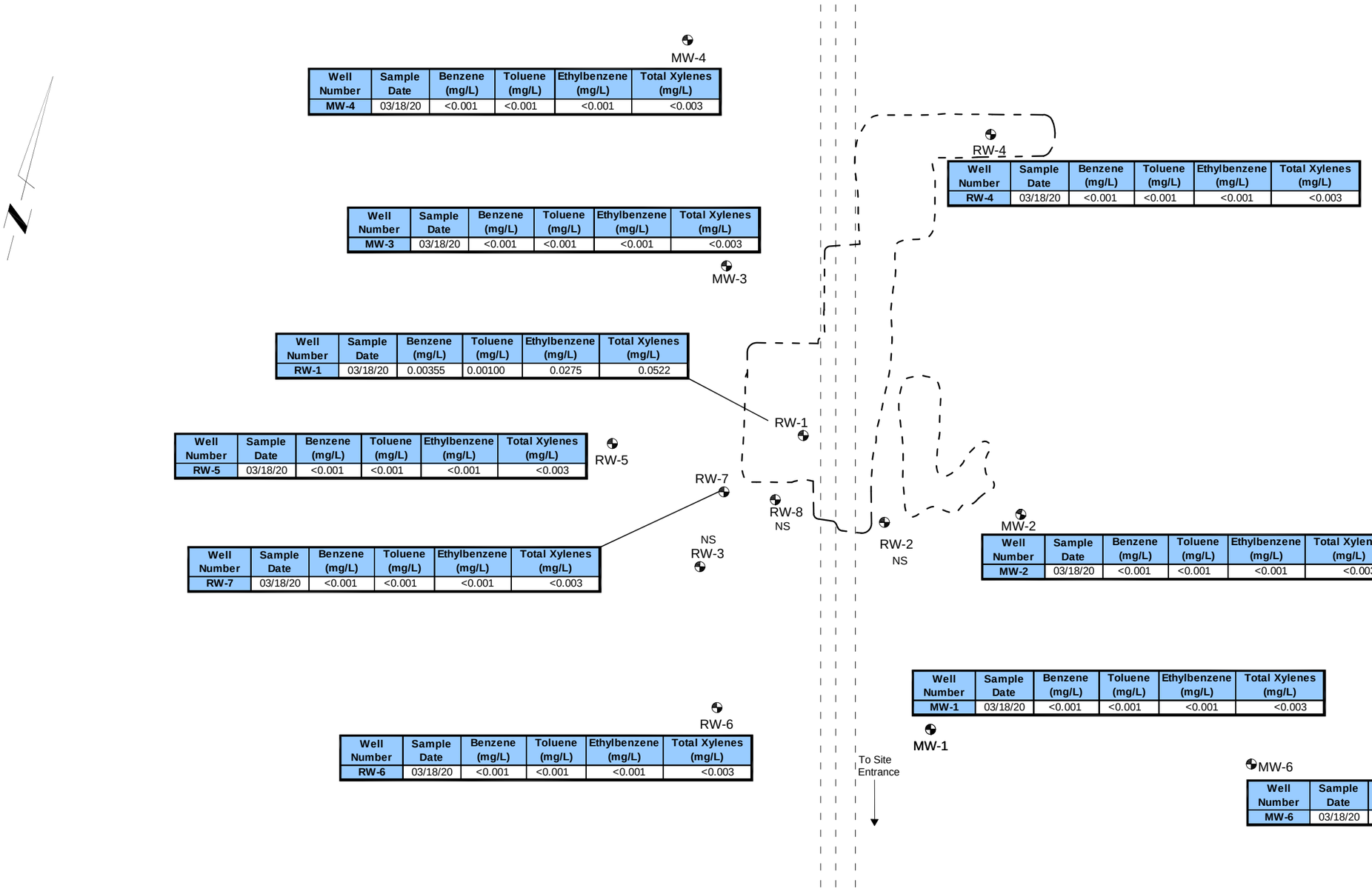
Figure 3D
4th Quarter 2020 - Groundwater Gradient Map
December 22, 2020
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015	DATE: 1/21



Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-4	03/18/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-4	03/18/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-3	03/18/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-1	03/18/20	0.00355	0.00100	0.0275	0.0522

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-5	03/18/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-7	03/18/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-2	03/18/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-6	03/18/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-1	03/18/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-6	03/18/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	03/18/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	03/18/20	<0.001	<0.001	<0.001	<0.003

LEGEND:

- **MW** - Monitoring or Recovery Well Location
- ---- - Excavation Extent
- – – – - Buried Pipeline

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

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

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Figure 4A
1st Quarter 2020 Groundwater Analytical Map
March 18, 2020
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/21

MW-4

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-4	06/17/20	<0.001	<0.001	<0.001	<0.003

RW-4

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-4	06/17/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-3	06/17/20	<0.001	<0.001	<0.001	<0.003

MW-3

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-1	06/17/20	0.00794	<0.001	0.0515	0.0847

RW-1

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-5	06/17/20	<0.001	<0.001	<0.001	<0.003

RW-5

RW-7

RW-8

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-2	06/17/20	<0.001	<0.001	<0.001	<0.003

MW-2

RW-2

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-2	06/17/20	0.00404	0.00410	0.0158	0.0641

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-7	06/17/20	0.00150	<0.001	0.00556	<0.003

RW-3

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-3	06/17/20	<0.001	<0.001	0.00789	0.0179

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-8	06/17/20	**0.0424**	<0.005	0.115	0.258

RW-6

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-6	06/17/20	<0.001	<0.001	<0.001	<0.003

MW-1

To Site Entrance

MW-6

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-6	06/17/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-1	06/17/20	<0.001	<0.001	<0.001	<0.003

MW-7

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	06/17/20	<0.001	<0.001	<0.001	<0.003

LEGEND:

- **MW** - Monitoring or Recovery Well Location
- ---- - Excavation Extent
- – – - Buried Pipeline

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.

MW-5

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	06/17/20	<0.001	<0.001	<0.001	<0.003

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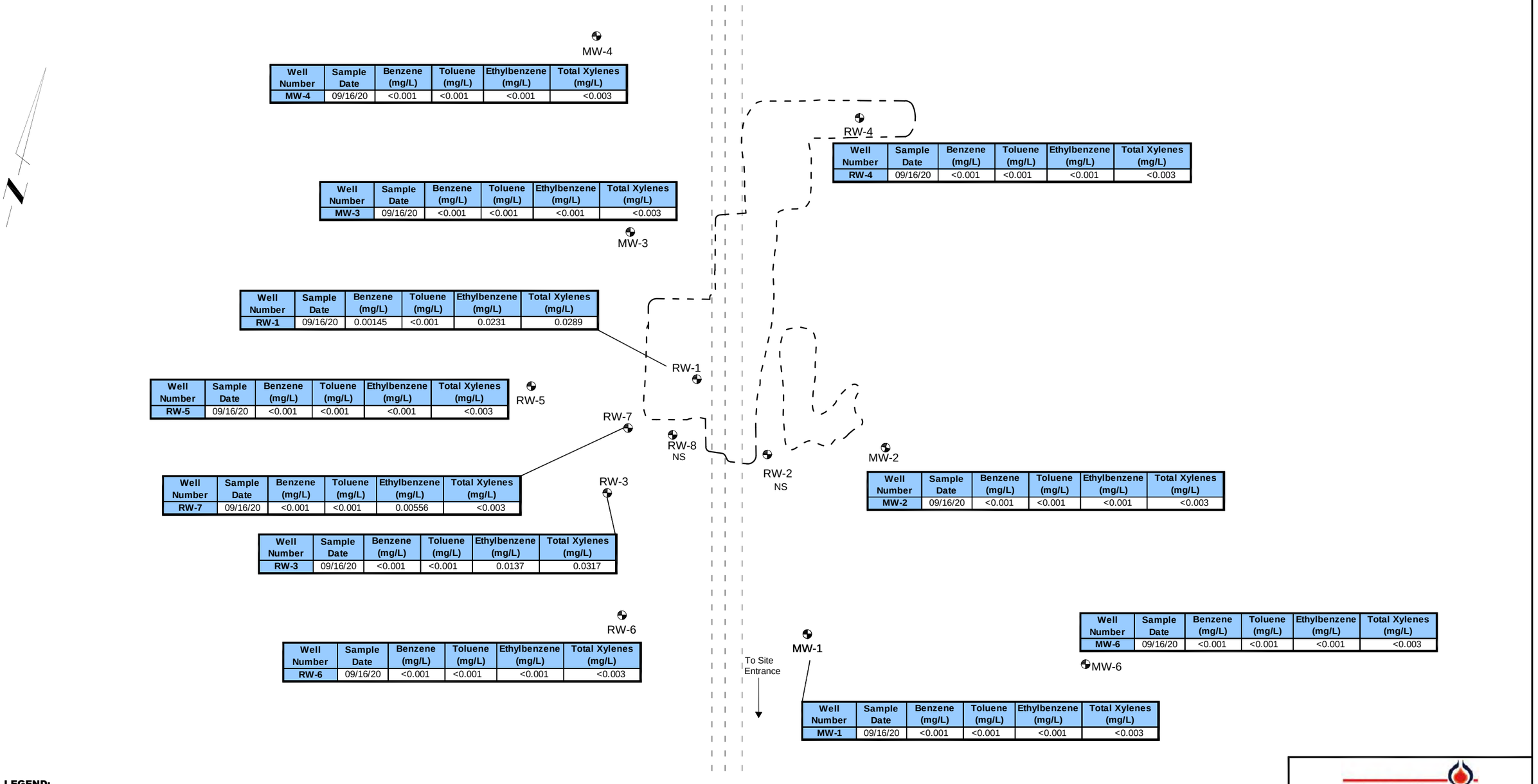
Figure 4B
2nd Quarter 2020 Groundwater Analytical Map
June 17, 2020
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/21



Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-4	09/16/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-4	09/16/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-3	09/16/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-1	09/16/20	0.00145	<0.001	0.0231	0.0289

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-5	09/16/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-7	09/16/20	<0.001	<0.001	0.00556	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-2	09/16/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-3	09/16/20	<0.001	<0.001	0.0137	0.0317

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-6	09/16/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-6	09/16/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-1	09/16/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	09/16/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	09/16/20	<0.001	<0.001	<0.001	<0.003

LEGEND:

- MW - Monitoring or Recovery Well Location
- ---- - Excavation Extent
- – – - Buried Pipeline

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

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

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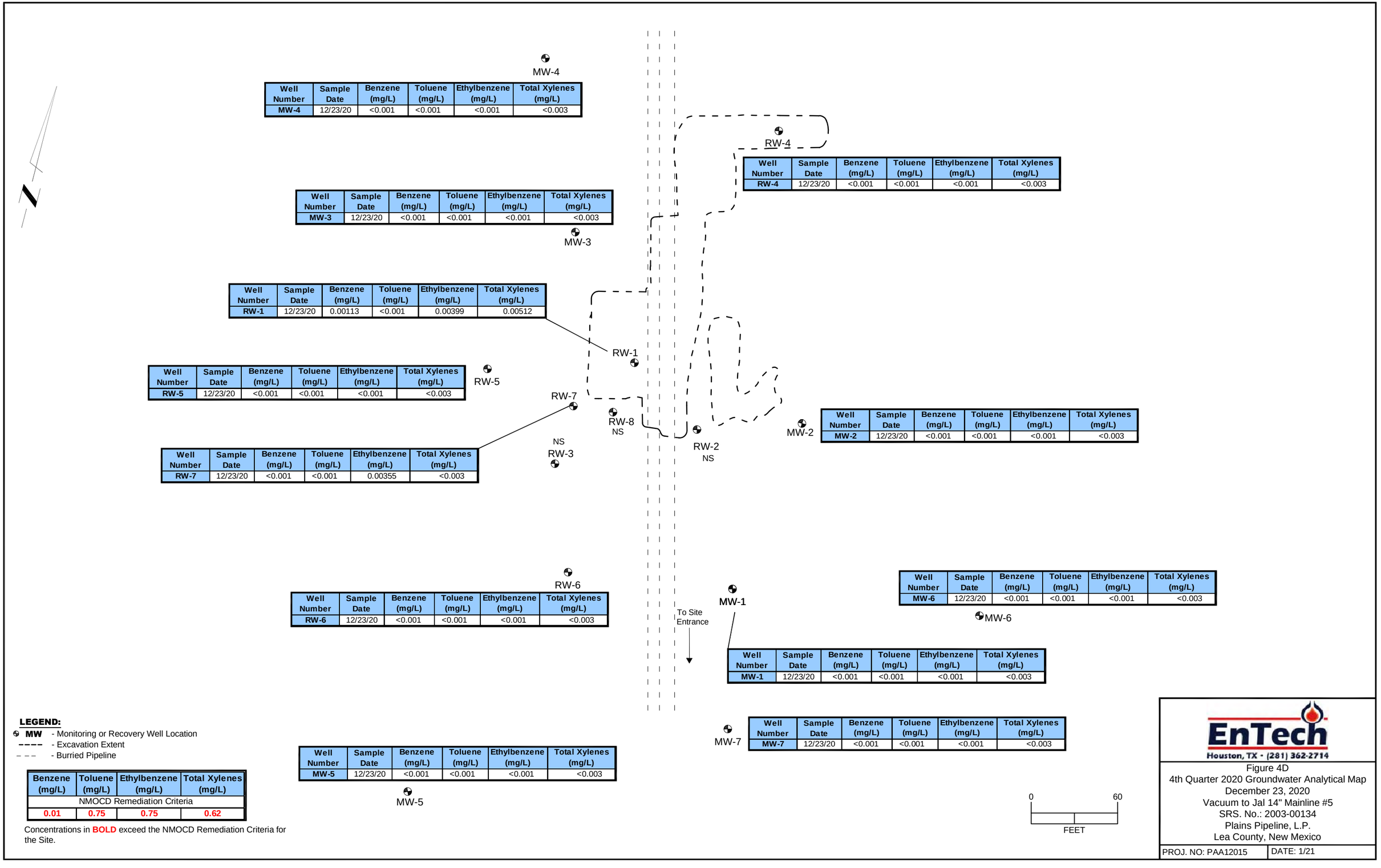
Figure 4C
3rd Quarter 2020 Groundwater Analytical Map
September 16, 2020
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/21



Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-4	12/23/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-4	12/23/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-3	12/23/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-1	12/23/20	0.00113	<0.001	0.00399	0.00512

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-5	12/23/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-7	12/23/20	<0.001	<0.001	0.00355	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-2	12/23/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-6	12/23/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-6	12/23/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-1	12/23/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	12/23/20	<0.001	<0.001	<0.001	<0.003

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	12/23/20	<0.001	<0.001	<0.001	<0.003

LEGEND:

- **MW** - Monitoring or Recovery Well Location
- ---- - Excavation Extent
- – – – - Buried Pipeline

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

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

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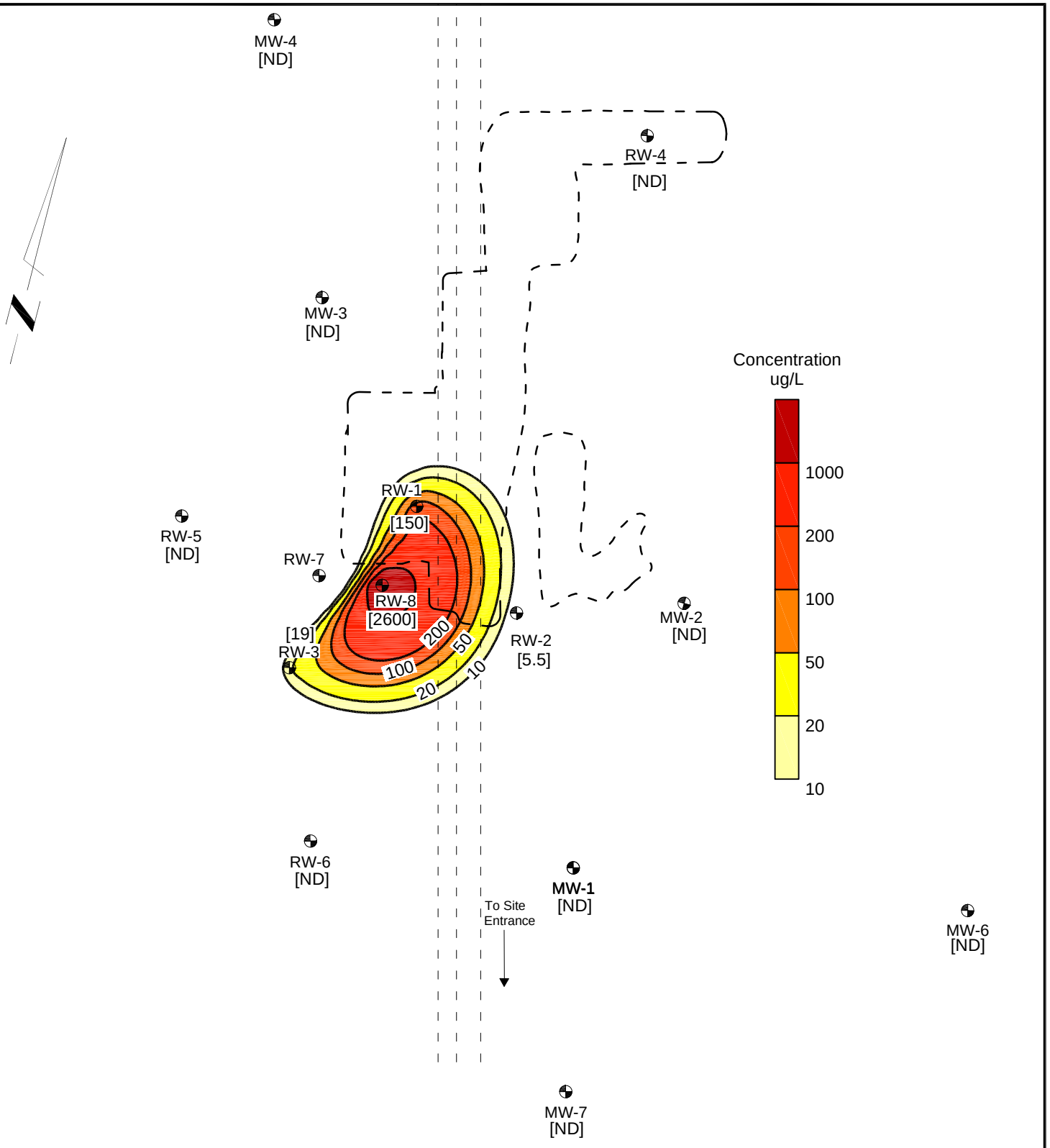
Figure 4D
4th Quarter 2020 Groundwater Analytical Map
December 23, 2020
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/21



LEGEND:

MW	- Monitoring or Recovery 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 the quarterly sampling events of 2015.

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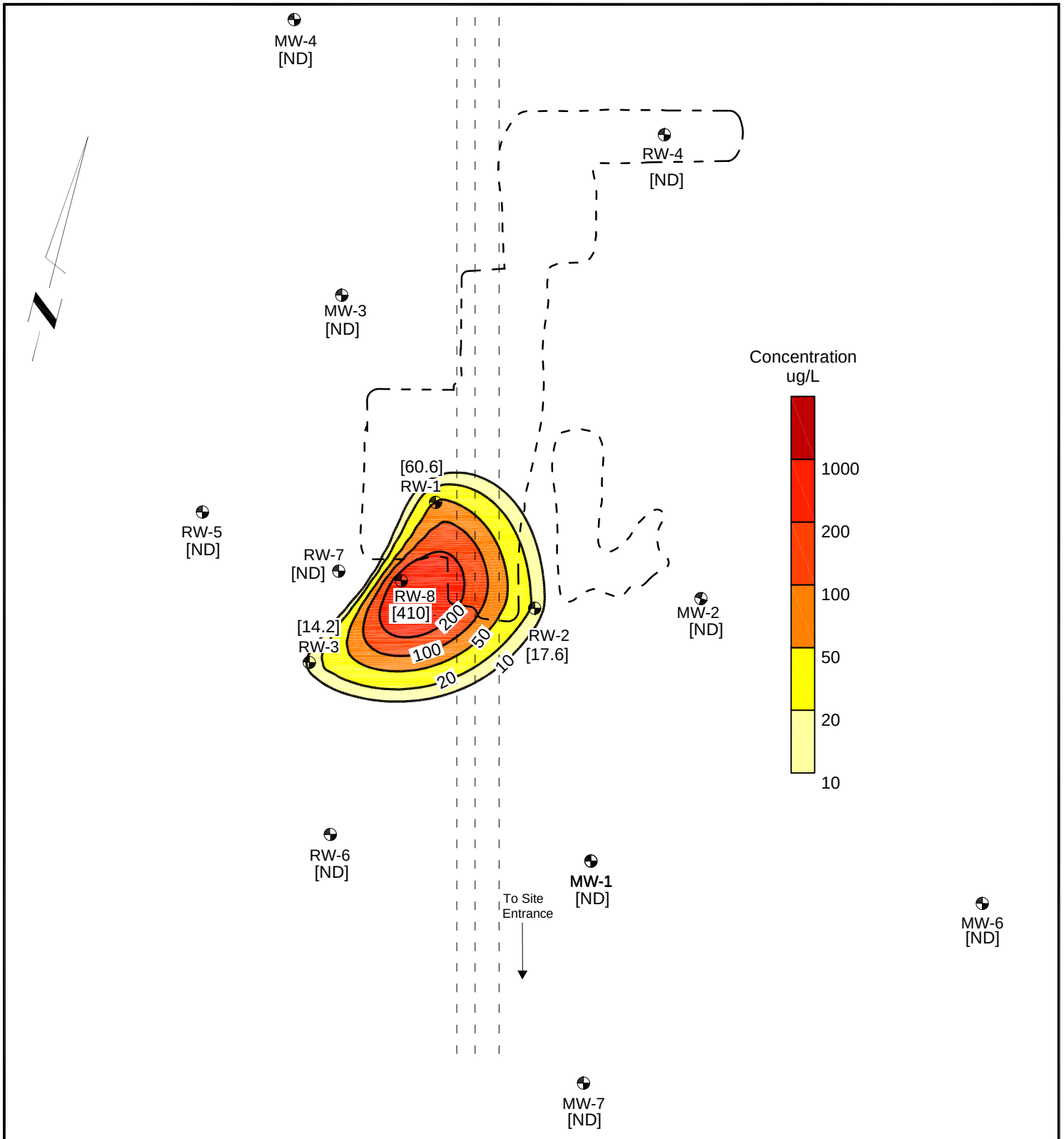
Figure 5
2015 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/21



LEGEND:

MW	- Monitoring or Recovery 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 the quarterly sampling events of 2016.

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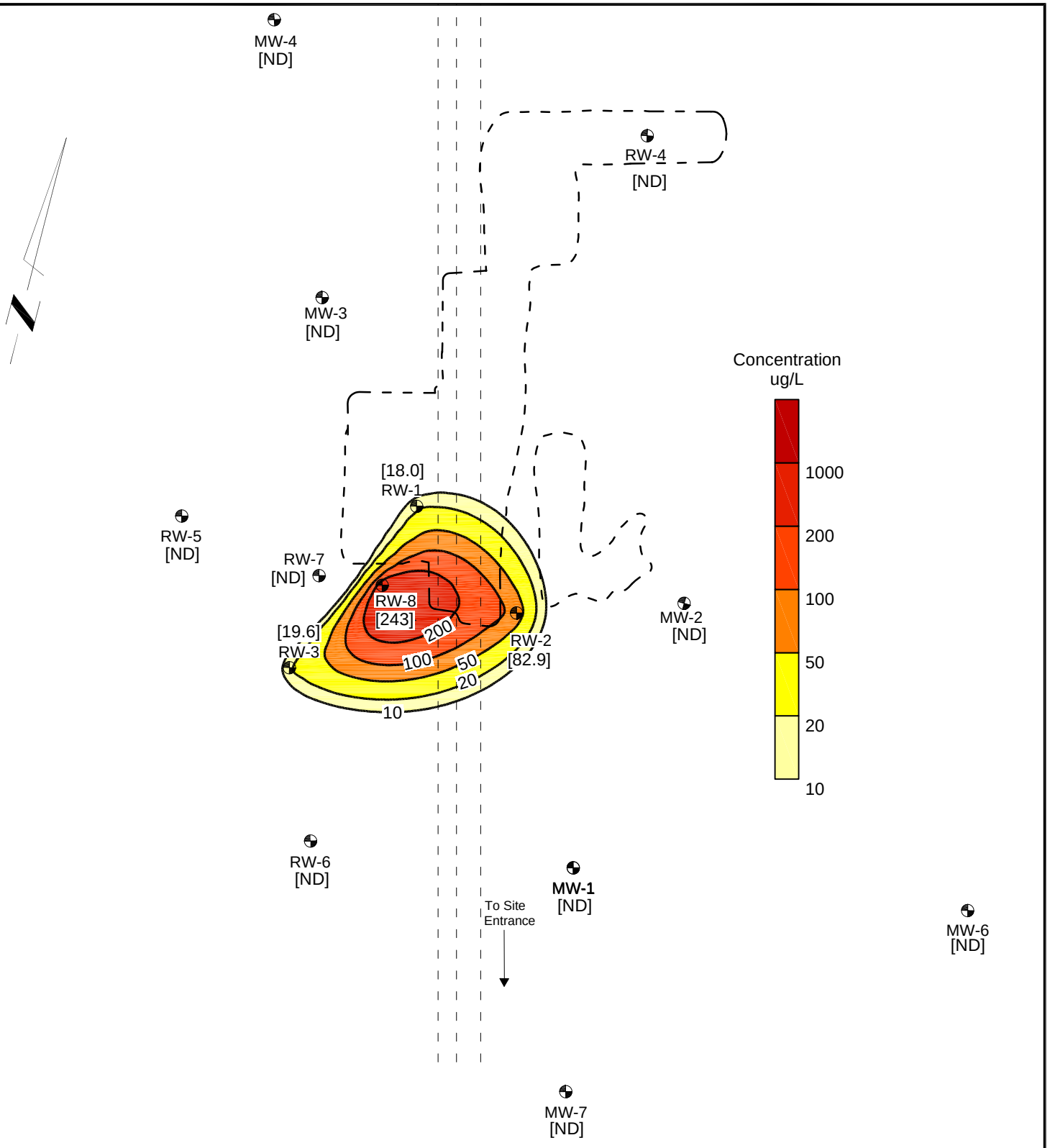
Figure 6
2016 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/21



LEGEND:

MW	- Monitoring or Recovery 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 the quarterly sampling events of 2017.

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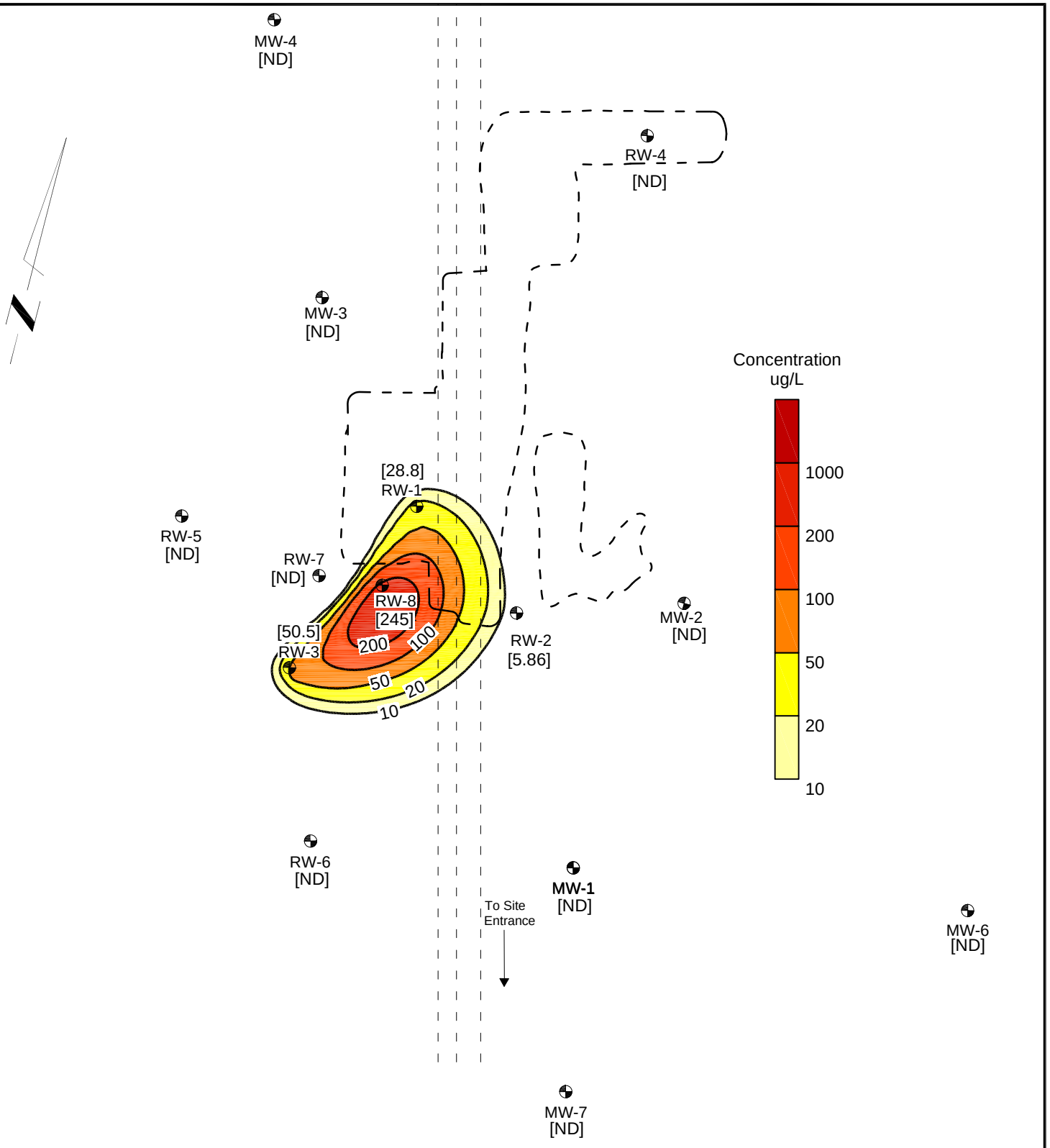
Figure 7
2017 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/21



LEGEND:

MW	- Monitoring or Recovery 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 the quarterly sampling events of 2018.

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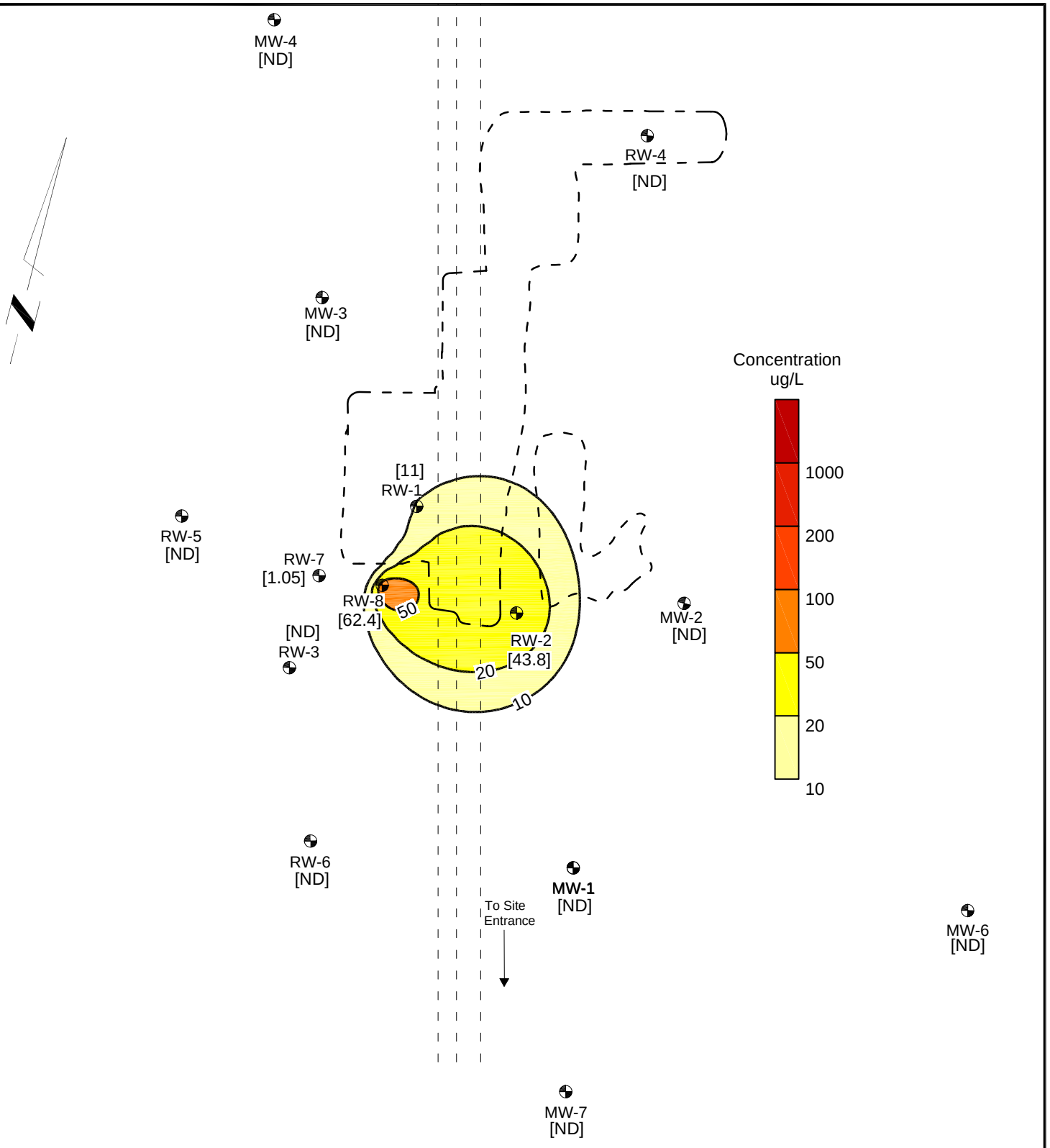
Figure 8
2018 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/21



LEGEND:

MW	- Monitoring or Recovery 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 the quarterly sampling events of 2019.

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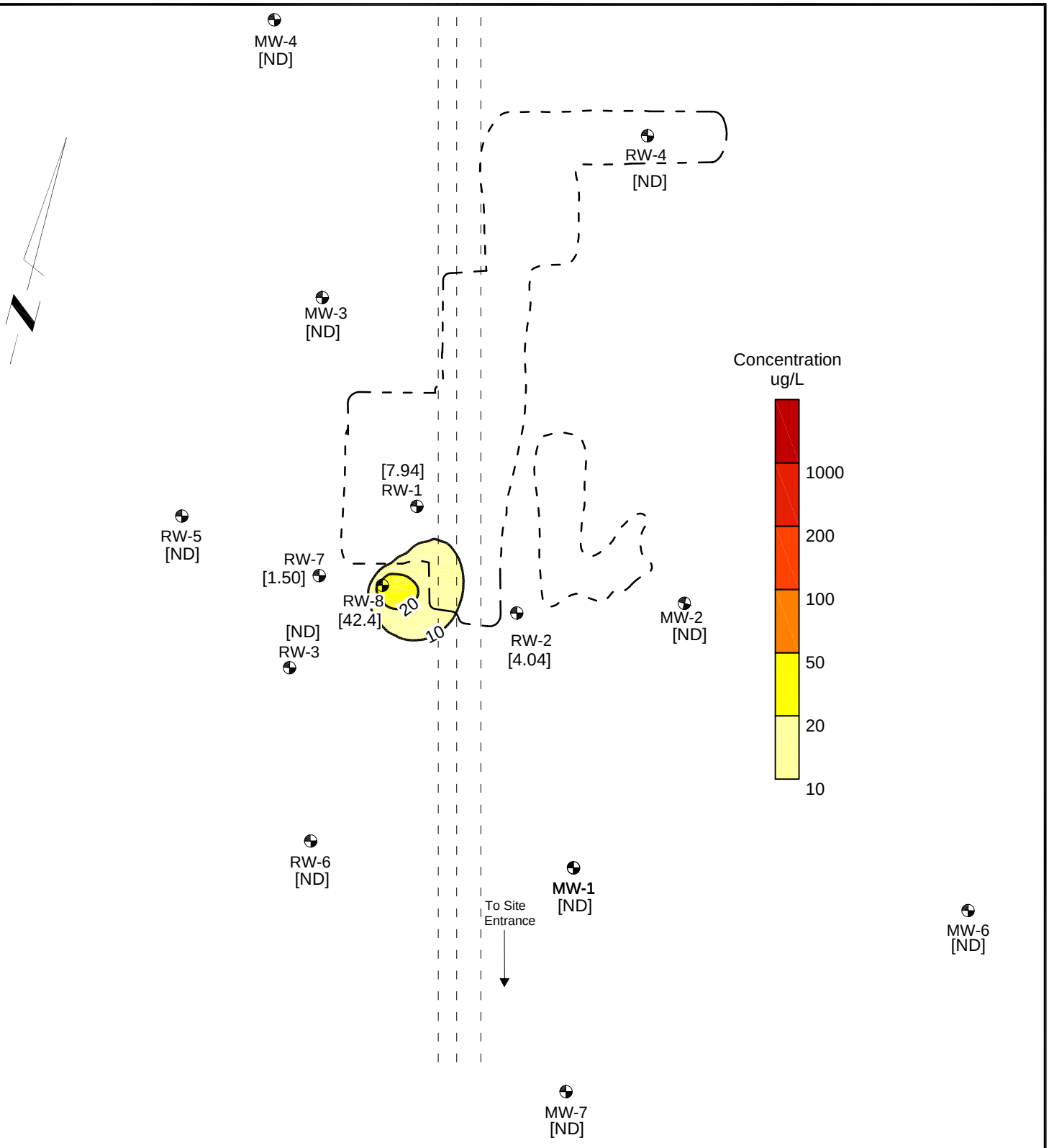
Figure 9
2019 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/21



LEGEND:

MW	- Monitoring or Recovery 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 the quarterly sampling events of 2020.

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Figure 10
2020 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/21

TABLES

TABLE 1
2019-2020 Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Date Measured	Top of Casing Elevation (ft MSL)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery		Corrected Groundwater Elevation (ft MSL)	Comments
								PSH	H_2O		
MW-1	02/12/19	3363.04	63.78	ND	50.35	ND	NA	NA	NA	3312.69	Sampled
MW-1	05/08/19	3363.04	63.78	ND	50.11	ND	NA	NA	NA	3312.93	Sampled
MW-1	08/21/19	3363.04	63.78	ND	50.12	ND	NA	NA	NA	3312.92	Sampled
MW-1	11/05/19	3363.04	63.78	ND	50.08	ND	NA	NA	NA	3312.96	Sampled
MW-1	03/17/20	3363.04	63.78	ND	49.88	ND	NA	NA	NA	3313.16	Sampled
MW-1	06/16/20	3363.04	63.78	ND	49.82	ND	NA	NA	NA	3313.22	Sampled
MW-1	09/16/20	3363.04	63.78	ND	49.88	ND	NA	NA	NA	3313.16	Sampled
MW-1	12/22/20	3363.04	63.78	ND	49.80	ND	NA	NA	NA	3313.24	Sampled
MW-2	02/12/19	3362.11	64.10	ND	49.03	ND	NA	NA	NA	3313.08	Sampled
MW-2	05/08/19	3362.11	64.10	ND	48.80	ND	NA	NA	NA	3313.31	Sampled
MW-2	08/21/19	3362.11	64.10	ND	48.80	ND	NA	NA	NA	3313.31	Sampled
MW-2	11/05/19	3362.11	64.10	ND	48.78	ND	NA	NA	NA	3313.33	Sampled
MW-2	03/17/20	3362.11	64.10	ND	48.58	ND	NA	NA	NA	3313.53	Sampled
MW-2	06/16/20	3362.11	64.10	ND	48.54	ND	NA	NA	NA	3313.57	Sampled
MW-2	09/16/20	3362.11	64.10	ND	48.56	ND	NA	NA	NA	3313.55	Sampled
MW-2	12/22/20	3362.11	64.10	ND	48.50	ND	NA	NA	NA	3313.61	Sampled
MW-3	02/12/19	3362.13	64.72	ND	48.55	ND	NA	NA	NA	3313.58	Sampled
MW-3	05/08/19	3362.13	64.72	ND	48.32	ND	NA	NA	NA	3313.81	Sampled
MW-3	08/21/19	3362.13	64.72	ND	48.32	ND	NA	NA	NA	3313.81	Sampled
MW-3	11/05/19	3362.13	64.72	ND	48.28	ND	NA	NA	NA	3313.85	Sampled
MW-3	03/17/20	3362.13	64.72	ND	48.10	ND	NA	NA	NA	3314.03	Sampled
MW-3	06/16/20	3362.13	64.72	ND	48.03	ND	NA	NA	NA	3314.10	Sampled
MW-3	09/16/20	3362.13	64.72	ND	48.09	ND	NA	NA	NA	3314.04	Sampled
MW-3	12/22/20	3362.13	64.72	ND	48.04	ND	NA	NA	NA	3314.09	Sampled
MW-4	02/12/19	3362.49	63.48	ND	48.64	ND	NA	NA	NA	3313.85	Sampled
MW-4	05/08/19	3362.49	63.48	ND	48.29	ND	NA	NA	NA	3314.20	Sampled
MW-4	08/21/19	3362.49	63.48	ND	48.28	ND	NA	NA	NA	3314.21	Sampled
MW-4	11/05/19	3362.49	63.48	ND	48.25	ND	NA	NA	NA	3314.24	Sampled
MW-4	03/17/20	3362.49	63.48	ND	48.09	ND	NA	NA	NA	3314.40	Sampled
MW-4	06/16/20	3362.49	63.48	ND	48.00	ND	NA	NA	NA	3314.49	Sampled
MW-4	09/16/20	3362.49	63.48	ND	48.05	ND	NA	NA	NA	3314.44	Sampled
MW-4	12/22/20	3362.49	63.48	ND	48.02	ND	NA	NA	NA	3314.47	Sampled
MW-5	02/12/19	3363.67	63.81	ND	51.40	ND	NA	NA	NA	3312.27	Sampled
MW-5	05/08/19	3363.67	63.81	ND	51.12	ND	NA	NA	NA	3312.55	Sampled
MW-5	08/21/19	3363.67	63.81	ND	51.16	ND	NA	NA	NA	3312.51	Sampled
MW-5	11/05/19	3363.67	63.81	ND	51.12	ND	NA	NA	NA	3312.55	Sampled
MW-5	03/17/20	3363.67	63.81	ND	50.93	ND	NA	NA	NA	3312.74	Sampled
MW-5	06/16/20	3363.67	63.81	ND	50.91	ND	NA	NA	NA	3312.76	Sampled
MW-5	09/16/20	3363.67	63.81	ND	50.94	ND	NA	NA	NA	3312.73	Sampled
MW-5	12/22/20	3363.67	63.81	ND	50.82	ND	NA	NA	NA	3312.85	Sampled

TABLE 1
2019-2020 Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Date Measured	Top of Casing Elevation (ft MSL)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery		Corrected Groundwater Elevation (ft MSL)	Comments
								PSH	H_2O		
MW-6	02/12/19	3362.6	63.50	ND	50.15	ND	NA	NA	NA	3312.45	Sampled
MW-6	05/08/19	3362.6	63.50	ND	49.95	ND	NA	NA	NA	3312.65	Sampled
MW-6	08/21/19	3362.6	63.50	ND	49.95	ND	NA	NA	NA	3312.65	Sampled
MW-6	11/05/19	3362.6	63.50	ND	49.96	ND	NA	NA	NA	3312.64	Sampled
MW-6	03/17/20	3362.6	63.50	ND	49.74	ND	NA	NA	NA	3312.86	Sampled
MW-6	06/16/20	3362.6	63.50	ND	49.67	ND	NA	NA	NA	3312.93	Sampled
MW-6	09/16/20	3362.6	63.50	ND	49.72	ND	NA	NA	NA	3312.88	Sampled
MW-6	12/22/20	3362.6	63.50	ND	49.64	ND	NA	NA	NA	3312.96	Sampled
MW-7	02/12/19	3362.75	63.75	ND	50.39	ND	NA	NA	NA	3312.36	Sampled
MW-7	05/08/19	3362.75	63.75	ND	50.13	ND	NA	NA	NA	3312.62	Sampled
MW-7	08/21/19	3362.75	63.75	ND	50.16	ND	NA	NA	NA	3312.59	Sampled
MW-7	11/05/19	3362.75	63.75	ND	50.12	ND	NA	NA	NA	3312.63	Sampled
MW-7	03/17/20	3362.75	63.75	ND	49.93	ND	NA	NA	NA	3312.82	Sampled
MW-7	06/16/20	3362.75	63.75	ND	49.88	ND	NA	NA	NA	3312.87	Sampled
MW-7	09/16/20	3362.75	63.75	ND	49.93	ND	NA	NA	NA	3312.82	Sampled
MW-7	12/22/20	3362.75	63.75	ND	49.84	ND	NA	NA	NA	3312.91	Sampled
RW-1	02/12/19	3362.10	60.80	49.05	49.08	0.03	NA	Sheen	10.00	3313.05	
RW-1	05/08/19	3362.10	60.80	Sheen	49.28	Sheen	NA	Sheen	10.00	3312.82	Sampled
RW-1	08/21/19	3362.10	60.80	Sheen	48.81	Sheen	NA	Sheen	10.00	3313.29	
RW-1	11/05/19	3362.10	61.65	ND	48.78	ND	NA	Sheen	10.00	3313.32	
RW-1	03/17/20	3362.10	61.65	Sheen	48.59	Sheen	NA	Sheen	10.00	3313.51	
RW-1	06/16/20	3362.10	61.65	Sheen	48.51	Sheen	NA	Sheen	10.00	3313.59	
RW-1	09/16/20	3362.10	61.65	Sheen	48.52	Sheen	NA	Sheen	10.00	3313.58	
RW-1	12/22/20	3362.10	61.65	ND	48.54	ND	NA	Sheen	10.00	3313.56	
RW-2	02/12/19	3362.00	63.40	49.18	49.40	0.22	NA	0.25	9.75	3312.79	
RW-2	05/08/19	3362.00	63.40	48.95	49.11	0.16	NA	0.25	9.75	3313.03	Sampled
RW-2	08/21/19	3362.00	63.40	48.98	48.99	0.01	NA	Sheen	10.00	3313.02	
RW-2	11/05/19	3362.00	63.40	48.91	49.04	0.13	NA	0.25	9.75	3313.07	
RW-2	03/17/20	3362.00	63.40	48.74	48.85	0.11	NA	0.25	9.75	3313.24	
RW-2	06/16/20	3362.00	63.40	48.68	48.76	0.08	NA	0.25	9.75	3313.31	
RW-2	09/16/20	3362.00	63.40	48.69	48.80	0.11	NA	0.25	9.75	3313.29	
RW-2	12/22/20	3362.00	63.40	48.68	48.75	0.07	NA	0.25	9.75	3313.31	
RW-3	02/12/19	3361.93	63.80	49.72	49.79	0.07	NA	0.25	9.75	3312.20	
RW-3	05/08/19	3361.93	63.80	49.47	49.54	0.07	NA	0.25	9.75	3312.45	Sampled
RW-3	08/21/19	3361.93	63.80	49.48	49.49	0.01	NA	0.25	9.75	3312.45	
RW-3	11/05/19	3361.93	63.80	49.45	49.47	0.02	NA	0.25	9.75	3312.48	
RW-3	03/17/20	3361.93	63.80	49.28	49.29	0.01	NA	0.25	9.75	3312.65	
RW-3	06/16/20	3361.93	63.80	sheen	49.21	sheen	NA	0.25	9.75	3312.72	
RW-3	09/16/20	3361.93	63.80	sheen	49.26	sheen	NA	0.25	9.75	3312.67	
RW-3	12/22/20	3361.93	63.80	49.22	49.23	0.01	NA	0.25	9.75	3312.71	

TABLE 1
2019-2020 Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Date Measured	Top of Casing Elevation (ft MSL)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery		Corrected Groundwater Elevation (ft MSL)	Comments
								PSH	H_2O		
RW-4	02/12/19	3363.22	63.65	ND	49.46	ND	NA	NA	NA	3313.76	Sampled
RW-4	05/08/19	3363.22	63.65	ND	49.22	ND	NA	NA	NA	3314.00	Sampled
RW-4	08/21/19	3363.22	63.65	ND	49.21	ND	NA	NA	NA	3314.01	Sampled
RW-4	11/05/19	3363.22	63.65	ND	49.20	ND	NA	NA	NA	3314.02	Sampled
RW-4	03/17/20	3363.22	63.65	ND	49.02	ND	NA	NA	NA	3314.20	Sampled
RW-4	06/16/20	3363.22	63.65	ND	48.94	ND	NA	NA	NA	3314.28	Sampled
RW-4	09/16/20	3363.22	63.65	ND	49.00	ND	NA	NA	NA	3314.22	Sampled
RW-4	12/22/20	3363.22	63.65	ND	48.95	ND	NA	NA	NA	3314.27	Sampled
RW-5	02/12/19	3362.38	64.07	ND	49.11	ND	NA	NA	NA	3313.27	Sampled
RW-5	05/08/19	3362.38	64.07	ND	48.84	ND	NA	NA	NA	3313.54	Sampled
RW-5	08/21/19	3362.38	64.07	ND	48.87	ND	NA	NA	NA	3313.51	Sampled
RW-5	11/05/19	3362.38	64.07	ND	48.85	ND	NA	NA	NA	3313.53	Sampled
RW-5	03/17/20	3362.38	64.07	ND	48.66	ND	NA	NA	NA	3313.72	Sampled
RW-5	06/16/20	3362.38	64.07	ND	48.60	ND	NA	NA	NA	3313.78	Sampled
RW-5	09/16/20	3362.38	64.07	ND	48.65	ND	NA	NA	NA	3313.73	Sampled
RW-5	12/22/20	3362.38	64.07	ND	48.60	ND	NA	NA	NA	3313.78	Sampled
RW-6	02/12/19	3363.11	64.27	ND	50.38	ND	NA	NA	NA	3312.73	Sampled
RW-6	05/08/19	3363.11	64.27	ND	50.12	ND	NA	NA	NA	3312.99	Sampled
RW-6	08/21/19	3363.11	64.27	ND	50.16	ND	NA	NA	NA	3312.95	Sampled
RW-6	11/05/19	3363.11	64.27	ND	50.12	ND	NA	NA	NA	3312.99	Sampled
RW-6	03/17/20	3363.11	64.27	ND	49.92	ND	NA	NA	NA	3313.19	Sampled
RW-6	06/16/20	3363.11	64.27	ND	49.88	ND	NA	NA	NA	3313.23	Sampled
RW-6	09/16/20	3363.11	64.27	ND	49.95	ND	NA	NA	NA	3313.16	Sampled
RW-6	12/22/20	3363.11	64.27	ND	49.96	ND	NA	NA	NA	3313.15	Sampled
RW-7	02/12/19	3362.52	68.56	ND	49.04	ND	NA	NA	NA	3313.48	Sampled
RW-7	05/08/19	3362.52	68.56	ND	48.82	ND	NA	NA	NA	3313.70	Sampled
RW-7	08/21/19	3362.52	68.56	ND	48.84	ND	NA	NA	NA	3313.68	Sampled
RW-7	11/05/19	3362.52	68.56	ND	48.80	ND	NA	NA	NA	3313.72	Sampled
RW-7	03/17/20	3362.52	68.56	ND	48.62	ND	NA	NA	NA	3313.90	Sampled
RW-7	06/16/20	3362.52	68.56	ND	48.56	ND	NA	NA	NA	3313.96	Sampled
RW-7	09/16/20	3362.52	68.56	ND	48.61	ND	NA	NA	NA	3313.91	Sampled
RW-7	12/22/20	3362.52	68.56	ND	48.58	ND	NA	NA	NA	3313.94	Sampled
RW-8	02/12/19	3362.52	68.34	49.68	49.81	0.13	NA	2.00	23.00	3312.82	
RW-8	05/08/19	3362.52	68.34	49.46	49.61	0.15	NA	0.50	36.50	3313.04	Sampled
RW-8	08/21/19	3362.52	68.34	49.49	49.50	0.01	NA	2.00	23.00	3313.03	
RW-8	11/05/19	3362.52	68.34	49.42	49.44	0.02	NA	2.00	23.00	3313.10	
RW-8	03/17/20	3362.52	68.34	49.23	49.24	0.01	NA	2.00	23.00	3313.29	
RW-8	06/16/20	3362.52	68.34	sheen	49.20	sheen	NA	2.00	23.00	3313.32	
RW-8	09/16/20	3362.52	68.34	49.15	49.22	0.07	NA	2.00	23.00	3313.36	
RW-8	12/22/20	3362.52	68.34	49.18	50.00	0.82	NA	2.00	23.00	3313.22	

NA: Not applicable
ND: Not detected
ft - feet
MSL - mean sea level

TABLE 2
2018-2020 Historical Well Survey Data and Groundwater Elevations
2018-2020
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-1	03/06/18	3363.04	63.78	ND	50.68	ND	NA	NA	NA	3312.36	Sampled
MW-1	06/12/18	3363.04	63.78	ND	50.54	ND	NA	NA	NA	3312.50	Sampled
MW-1	09/05/18	3363.04	63.78	ND	50.53	ND	NA	NA	NA	3312.51	Sampled
MW-1	11/27/18	3363.04	63.78	ND	50.41	ND	NA	NA	NA	3312.63	Sampled
MW-1	02/12/19	3363.04	63.78	ND	50.35	ND	NA	NA	NA	3312.69	Sampled
MW-1	05/08/19	3363.04	63.78	ND	50.11	ND	NA	NA	NA	3312.93	Sampled
MW-1	08/21/19	3363.04	63.78	ND	50.12	ND	NA	NA	NA	3312.92	Sampled
MW-1	11/05/19	3363.04	63.78	ND	50.08	ND	NA	NA	NA	3312.96	Sampled
MW-1	03/17/20	3363.04	63.78	ND	49.88	ND	NA	NA	NA	3313.16	Sampled
MW-1	06/16/20	3363.04	63.78	ND	49.82	ND	NA	NA	NA	3313.22	Sampled
MW-1	09/16/20	3363.04	63.78	ND	49.88	ND	NA	NA	NA	3313.16	Sampled
MW-1	12/22/20	3363.04	63.78	ND	49.80	ND	NA	NA	NA	3313.24	Sampled
MW-2	03/06/18	3362.11	64.10	ND	49.40	ND	NA	NA	NA	3312.71	Sampled
MW-2	06/12/18	3362.11	64.10	ND	49.26	ND	NA	NA	NA	3312.85	Sampled
MW-2	09/05/18	3362.11	64.10	ND	49.22	ND	NA	NA	NA	3312.89	Sampled
MW-2	11/27/18	3362.11	64.10	ND	49.26	ND	NA	NA	NA	3312.85	Sampled
MW-2	02/12/19	3362.11	64.10	ND	49.03	ND	NA	NA	NA	3313.08	Sampled
MW-2	05/08/19	3362.11	64.10	ND	48.80	ND	NA	NA	NA	3313.31	Sampled
MW-2	08/21/19	3362.11	64.10	ND	48.80	ND	NA	NA	NA	3313.31	Sampled
MW-2	11/05/19	3362.11	64.10	ND	48.78	ND	NA	NA	NA	3313.33	Sampled
MW-2	03/17/20	3362.11	64.10	ND	48.58	ND	NA	NA	NA	3313.53	Sampled
MW-2	06/16/20	3362.11	64.10	ND	48.54	ND	NA	NA	NA	3313.57	Sampled
MW-2	09/16/20	3362.11	64.10	ND	48.56	ND	NA	NA	NA	3313.55	Sampled
MW-2	12/22/20	3362.11	64.10	ND	48.50	ND	NA	NA	NA	3313.61	Sampled
MW-3	03/06/18	3362.13	64.72	ND	48.94	ND	NA	NA	NA	3313.19	Sampled
MW-3	06/12/18	3362.13	64.72	ND	48.78	ND	NA	NA	NA	3313.35	Sampled
MW-3	09/05/18	3362.13	64.72	ND	48.75	ND	NA	NA	NA	3313.38	Sampled
MW-3	11/27/18	3362.13	64.72	ND	48.64	ND	NA	NA	NA	3313.49	Sampled
MW-3	02/12/19	3362.13	64.72	ND	48.55	ND	NA	NA	NA	3313.58	Sampled
MW-3	05/08/19	3362.13	64.72	ND	48.32	ND	NA	NA	NA	3313.81	Sampled
MW-3	08/21/19	3362.13	64.72	ND	48.32	ND	NA	NA	NA	3313.81	Sampled
MW-3	11/05/19	3362.13	64.72	ND	48.28	ND	NA	NA	NA	3313.85	Sampled
MW-3	03/17/20	3362.13	64.72	ND	48.10	ND	NA	NA	NA	3314.03	Sampled
MW-3	06/16/20	3362.13	64.72	ND	48.03	ND	NA	NA	NA	3314.10	Sampled
MW-3	09/16/20	3362.13	64.72	ND	48.09	ND	NA	NA	NA	3314.04	Sampled
MW-3	12/22/20	3362.13	64.72	ND	48.04	ND	NA	NA	NA	3314.09	Sampled
MW-4	03/06/18	3362.49	63.48	ND	48.92	ND	NA	NA	NA	3313.57	Sampled

TABLE 2
2018-2020 Historical Well Survey Data and Groundwater Elevations
2018-2020
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-4	06/12/18	3362.49	63.48	ND	48.74	ND	NA	NA	NA	3313.75	Sampled
MW-4	09/05/18	3362.49	63.48	ND	48.71	ND	NA	NA	NA	3313.78	Sampled
MW-4	11/27/18	3362.49	63.48	ND	48.60	ND	NA	NA	NA	3313.89	Sampled
MW-4	02/12/19	3362.49	63.48	ND	48.64	ND	NA	NA	NA	3313.85	Sampled
MW-4	05/08/19	3362.49	63.48	ND	48.29	ND	NA	NA	NA	3314.20	Sampled
MW-4	08/21/19	3362.49	63.48	ND	48.28	ND	NA	NA	NA	3314.21	Sampled
MW-4	11/05/19	3362.49	63.48	ND	48.25	ND	NA	NA	NA	3314.24	Sampled
MW-4	03/17/20	3362.49	63.48	ND	48.09	ND	NA	NA	NA	3314.40	Sampled
MW-4	06/16/20	3362.49	63.48	ND	48.00	ND	NA	NA	NA	3314.49	Sampled
MW-4	09/16/20	3362.49	63.48	ND	48.05	ND	NA	NA	NA	3314.44	Sampled
MW-4	12/22/20	3362.49	63.48	ND	48.02	ND	NA	NA	NA	3314.47	Sampled
MW-5	03/06/18	3363.67	63.81	ND	51.70	ND	NA	NA	NA	3311.97	Sampled
MW-5	06/12/18	3363.67	63.81	ND	51.58	ND	NA	NA	NA	3312.09	Sampled
MW-5	09/05/18	3363.67	63.81	ND	51.56	ND	NA	NA	NA	3312.11	Sampled
MW-5	11/27/18	3363.67	63.81	ND	51.47	ND	NA	NA	NA	3312.20	Sampled
MW-5	02/13/19	3363.67	63.81	ND	51.40	ND	NA	NA	NA	3312.27	Sampled
MW-5	05/08/19	3363.67	63.81	ND	51.12	ND	NA	NA	NA	3312.55	Sampled
MW-5	08/21/19	3363.67	63.81	ND	51.16	ND	NA	NA	NA	3312.51	Sampled
MW-5	11/05/19	3363.67	63.81	ND	51.12	ND	NA	NA	NA	3312.55	Sampled
MW-5	03/17/20	3363.67	63.81	ND	50.93	ND	NA	NA	NA	3312.74	Sampled
MW-5	06/16/20	3363.67	63.81	ND	50.91	ND	NA	NA	NA	3312.76	Sampled
MW-5	09/16/20	3363.67	63.81	ND	50.94	ND	NA	NA	NA	3312.73	Sampled
MW-5	12/22/20	3363.67	63.81	ND	50.82	ND	NA	NA	NA	3312.85	Sampled
MW-6	03/06/18	3362.6	63.50	ND	50.54	ND	NA	NA	NA	3312.06	Sampled
MW-6	06/12/18	3362.6	63.50	ND	50.41	ND	NA	NA	NA	3312.19	Sampled
MW-6	09/05/18	3362.6	63.50	ND	50.39	ND	NA	NA	NA	3312.21	Sampled
MW-6	11/27/18	3362.6	63.50	ND	50.22	ND	NA	NA	NA	3312.38	Sampled
MW-6	02/12/19	3362.6	63.50	ND	50.15	ND	NA	NA	NA	3312.45	Sampled
MW-6	05/08/19	3362.6	63.50	ND	49.95	ND	NA	NA	NA	3312.65	Sampled
MW-6	08/21/19	3362.6	63.50	ND	49.95	ND	NA	NA	NA	3312.65	Sampled
MW-6	11/05/19	3362.6	63.50	ND	49.96	ND	NA	NA	NA	3312.64	Sampled
MW-6	03/17/20	3362.6	63.50	ND	49.74	ND	NA	NA	NA	3312.86	Sampled
MW-6	06/16/20	3362.6	63.50	ND	49.67	ND	NA	NA	NA	3312.93	Sampled
MW-6	09/16/20	3362.6	63.50	ND	49.72	ND	NA	NA	NA	3312.88	Sampled
MW-6	12/22/20	3362.6	63.50	ND	49.64	ND	NA	NA	NA	3312.96	Sampled
MW-7	03/06/18	3362.75	63.75	ND	50.71	ND	NA	NA	NA	3312.04	Sampled
MW-7	06/12/18	3362.75	63.75	ND	50.58	ND	NA	NA	NA	3312.17	

TABLE 2
2018-2020 Historical Well Survey Data and Groundwater Elevations
2018-2020
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-7	09/05/18	3362.75	63.75	ND	50.58	ND	NA	NA	NA	3312.17	Sampled
MW-7	11/27/18	3362.75	63.75	ND	50.45	ND	NA	NA	NA	3312.30	Sampled
MW-7	02/12/19	3362.75	63.75	ND	50.39	ND	NA	NA	NA	3312.36	Sampled
MW-7	05/08/19	3362.75	63.75	ND	50.13	ND	NA	NA	NA	3312.62	Sampled
MW-7	08/21/19	3362.75	63.75	ND	50.16	ND	NA	NA	NA	3312.59	Sampled
MW-7	11/05/19	3362.75	63.75	ND	50.12	ND	NA	NA	NA	3312.63	Sampled
MW-7	03/17/20	3362.75	63.75	ND	49.93	ND	NA	NA	NA	3312.82	Sampled
MW-7	06/16/20	3362.75	63.75	ND	49.88	ND	NA	NA	NA	3312.87	Sampled
MW-7	09/16/20	3362.75	63.75	ND	49.93	ND	NA	NA	NA	3312.82	Sampled
MW-7	12/22/20	3362.75	63.75	ND	49.84	ND	NA	NA	NA	3312.91	Sampled
RW-1	01/03/18	3362.10	60.80	49.50	49.58	0.08	NA	sheen	10.00	3312.59	
RW-1	01/10/18	3362.10	60.80	49.45	49.50	0.05	NA	sheen	10.00	3312.64	
RW-1	01/17/18	3362.10	60.80	49.51	49.54	0.03	NA	sheen	10.00	3312.59	
RW-1	01/25/18	3362.10	60.80	49.39	49.46	0.07	NA	sheen	10.00	3312.70	
RW-1	02/01/18	3362.10	60.80	50.50	50.60	0.10	NA	sheen	10.00	3311.59	
RW-1	02/14/18	3362.10	60.80	49.33	49.37	0.04	NA	sheen	10.00	3312.76	
RW-1	02/21/18	3362.10	60.80	49.38	49.41	0.03	NA	sheen	10.00	3312.72	
RW-1	02/28/18	3362.10	60.80	49.22	49.36	0.14	NA	sheen	10.00	3312.86	
RW-1	03/06/18	3362.10	60.80	49.31	49.34	0.03	NA	NA	NA	3312.79	
RW-1	03/15/18	3362.10	60.80	49.31	49.44	0.13	NA	sheen	10.00	3312.77	
RW-1	03/22/18	3362.10	60.80	49.36	49.44	0.08	NA	sheen	10.00	3312.73	
RW-1	03/28/18	3362.10	60.80	49.35	49.56	0.21	NA	0.25	9.75	3312.72	
RW-1	04/04/18	3362.10	60.80	49.37	49.56	0.19	NA	sheen	10.00	3312.70	
RW-1	04/11/18	3362.10	60.80	49.38	49.45	0.07	NA	sheen	10.00	3312.71	
RW-1	04/19/18	3362.10	60.80	49.41	49.47	0.06	NA	sheen	10.00	3312.68	
RW-1	04/24/18	3362.10	60.80	49.45	49.52	0.07	NA	sheen	10.00	3312.64	
RW-1	05/02/18	3362.10	60.80	49.27	49.30	0.03	NA	sheen	10.00	3312.83	
RW-1	05/09/18	3362.10	60.80	49.28	49.30	0.02	NA	sheen	10.00	3312.82	
RW-1	05/15/18	3362.10	60.80	49.26	49.29	0.03	NA	sheen	10.00	3312.84	
RW-1	05/22/18	3362.10	60.80	sheen	49.24	sheen	NA	NA	10.00	3312.86	
RW-1	05/30/18	3362.10	60.80	sheen	49.30	sheen	NA	NA	10.00	3312.80	
RW-1	06/12/18	3362.10	60.80	49.24	49.28	0.04	NA	sheen	10.00	3312.85	Sampled
RW-1	06/19/18	3362.10	60.80	49.25	49.28	0.03	NA	sheen	10.00	3312.85	
RW-1	06/29/18	3362.10	60.80	49.28	49.34	0.06	NA	sheen	10.00	3312.81	
RW-1	07/05/18	3362.10	60.80	49.25	49.28	0.03	NA	0.25	9.75	3312.85	
RW-1	07/11/18	3362.10	60.80	49.27	49.30	0.03	NA	0.25	9.75	3312.83	
RW-1	07/18/18	3362.10	60.80	49.18	49.25	0.07	NA	sheen	10.00	3312.91	
RW-1	07/26/18	3362.10	60.80	49.23	49.36	0.13	NA	sheen	10.00	3312.85	
RW-1	07/31/18	3362.10	60.80	49.20	49.30	0.10	NA	sheen	10.00	3312.89	

TABLE 2
2018-2020 Historical Well Survey Data and Groundwater Elevations
2018-2020
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	08/07/18	3362.10	60.80	49.16	49.26	0.10	NA	sheen	10.00	3312.93	
RW-1	08/14/18	3362.10	60.80	49.20	49.26	0.06	NA	sheen	10.00	3312.89	
RW-1	08/21/18	3362.10	60.80	49.18	49.25	0.07	NA	sheen	10.00	3312.91	
RW-1	08/30/18	3362.10	60.80	49.24	49.29	0.05	NA	sheen	10.00	3312.85	
RW-1	09/05/18	3362.10	60.80	49.22	49.26	0.04	NA	Sheen	10.00	3312.87	
RW-1	09/18/18	3362.10	60.80	49.16	49.22	0.06	NA	Sheen	10.00	3312.93	
RW-1	09/26/18	3362.10	60.80	49.20	49.25	0.05	NA	Sheen	10.00	3312.89	
RW-1	10/03/18	3362.10	60.80	49.24	49.27	0.03	NA	Sheen	10.00	3312.86	
RW-1	10/11/18	3362.10	60.80	49.21	49.27	0.06	NA	Sheen	10.00	3312.88	
RW-1	10/17/18	3362.10	60.80	49.02	49.09	0.07	NA	Sheen	10.00	3313.07	
RW-1	10/24/18	3362.10	60.80	49.11	49.20	0.09	NA	Sheen	10.00	3312.98	
RW-1	10/31/18	3362.10	60.80	49.13	49.17	0.04	NA	Sheen	10.00	3312.96	
RW-1	11/06/18	3362.10	60.80	49.11	49.13	0.02	NA	Sheen	10.00	3312.99	
RW-1	11/13/18	3362.10	60.80	49.16	49.26	0.10	NA	Sheen	10.00	3312.93	
RW-1	11/21/18	3362.10	60.80	49.19	49.20	0.01	NA	Sheen	10.00	3312.91	
RW-1	11/27/18	3362.10	61.65	49.18	49.20	0.02	NA	Sheen	10.00	3312.92	
RW-1	12/07/18	3362.10	60.80	49.20	49.25	0.05	NA	Sheen	10.00	3312.89	
RW-1	12/12/18	3362.10	60.80	49.22	49.28	0.06	NA	Sheen	10.00	3312.87	
RW-1	12/18/18	3362.10	60.80	49.18	49.25	0.07	NA	Sheen	10.00	3312.91	
RW-1	01/03/19	3362.10	60.80	49.26	49.30	0.04	NA	sheen	10.00	3312.83	
RW-1	01/08/19	3362.10	60.80	49.31	49.36	0.05	NA	sheen	10.00	3312.78	
RW-1	01/29/19	3362.10	60.80	sheen	49.00	sheen	NA	sheen	10.00	3313.10	
RW-1	02/05/19	3362.10	60.80	sheen	49.10	sheen	NA	sheen	10.00	3313.00	
RW-1	02/12/19	3362.10	60.80	49.05	49.08	0.03	NA	sheen	10.00	3313.05	Sampled
RW-1	02/27/19	3362.10	60.80	49.11	49.14	0.03	NA	sheen	10.00	3312.99	
RW-1	03/06/19	3362.10	60.80	49.14	49.18	0.04	NA	sheen	10.00	3312.95	
RW-1	03/12/19	3362.10	60.80	49.16	49.21	0.05	NA	sheen	10.00	3312.93	
RW-1	03/21/19	3362.10	60.80	49.17	49.24	0.07	NA	sheen	10.00	3312.92	
RW-1	03/28/19	3362.10	60.80	49.21	49.25	0.04	NA	sheen	10.00	3312.88	
RW-1	04/02/19	3362.10	60.80	49.18	49.26	0.08	NA	sheen	10.00	3312.91	
RW-1	04/10/19	3362.10	60.80	49.14	49.20	0.06	NA	sheen	10.00	3312.95	
RW-1	04/16/19	3362.10	60.80	49.20	49.24	0.04	NA	sheen	10.00	3312.89	
RW-1	04/24/19	3362.10	60.80	49.24	49.29	0.05	NA	sheen	10.00	3312.85	
RW-1	05/01/19	3362.10	60.80	49.76	49.78	0.02	NA	sheen	10.00	3312.34	
RW-1	05/08/19	3362.10	60.80	sheen	48.81	sheen	NA	sheen	10.00	3313.29	
RW-1	05/17/19	3362.10	60.80	48.84	48.85	0.01	NA	Sheen	10.00	3313.26	
RW-1	05/24/19	3362.10	60.80	48.87	48.89	0.02	NA	Sheen	10.00	3313.23	
RW-1	06/05/19	3362.10	60.80	48.89	48.94	0.05	NA	Sheen	10.00	3313.20	
RW-1	06/14/19	3362.10	60.80	sheen	48.78	sheen	NA	NA	NA	3313.32	
RW-1	06/20/19	3362.10	60.80	48.91	48.97	0.06	NA	Sheen	10.00	3313.18	

TABLE 2
2018-2020 Historical Well Survey Data and Groundwater Elevations
2018-2020
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	06/25/19	3362.10	60.80	sheen	48.79	sheen	NA	Sheen	10.00	3313.31	
RW-1	07/02/19	3362.10	60.80	48.80	48.81	0.01	NA	Sheen	10.00	3313.30	
RW-1	07/10/19	3362.10	60.80	sheen	48.82	sheen	NA	Sheen	10.00	3313.28	
RW-1	07/26/19	3362.10	60.80	48.86	48.88	0.02	NA	Sheen	10.00	3313.24	
RW-1	08/11/19	3362.10	60.80	48.83	48.91	0.08	NA	Sheen	10.00	3313.26	
RW-1	08/14/19	3362.10	60.80	sheen	48.81	sheen	NA	Sheen	10.00	3313.29	
RW-1	08/21/19	3362.10	61.65	sheen	48.81	sheen	NA	Sheen	10.00	3313.29	
RW-1	09/06/19	3362.10	60.80	sheen	48.82	sheen	NA	NA	NA	3313.28	
RW-1	09/12/19	3362.10	60.80	sheen	48.82	sheen	NA	NA	NA	3313.28	
RW-1	09/19/19	3362.10	60.80	sheen	48.76	sheen	NA	NA	NA	3313.34	
RW-1	09/26/19	3362.10	60.80	49.20	49.25	0.05	NA	sheen	10.00	3312.89	
RW-1	10/16/19	3362.10	60.80	sheen	48.82	sheen	NA	Sheen	10.00	3313.28	
RW-1	10/23/19	3362.10	60.80	sheen	48.78	sheen	NA	NA	NA	3313.32	
RW-1	10/31/19	3362.10	60.80	ND	48.82	ND	NA	NA	NA	3313.28	
RW-1	11/05/19	3362.10	60.80	ND	48.78	ND	NA	NA	NA	3313.32	
RW-1	11/14/19	3362.10	60.80	ND	48.81	ND	NA	NA	NA	3313.29	
RW-1	11/26/19	3362.10	60.80	ND	48.71	ND	NA	NA	NA	3313.39	
RW-1	12/03/19	3362.10	60.80	ND	48.74	ND	NA	NA	NA	3313.36	
RW-1	12/13/19	3362.10	60.80	ND	48.75	ND	NA	NA	NA	3313.35	
RW-1	12/20/19	3362.10	60.80	ND	48.74	ND	NA	Sheen	10.00	3313.36	
RW-1	12/26/19	3362.10	60.80	ND	48.72	ND	NA	Sheen	10.00	3313.38	
RW-1	01/02/20	3362.10	60.80	ND	48.76	ND	NA	sheen	10.00	3313.34	
RW-1	01/09/20	3362.10	60.80	ND	48.69	ND	NA	sheen	10.00	3313.41	
RW-1	01/14/20	3362.10	60.80	ND	48.70	ND	NA	sheen	10.00	3313.40	
RW-1	01/31/20	3362.10	60.80	sheen	48.68	sheen	NA	sheen	10.00	3313.42	
RW-1	02/07/20	3362.10	60.80	48.65	48.68	0.03	NA	Sheen	10.00	3313.45	
RW-1	02/12/20	3362.10	60.80	sheen	48.63	sheen	NA	sheen	10.00	3313.47	
RW-1	02/19/20	3362.10	60.80	sheen	48.66	sheen	NA	sheen	10.00	3313.44	
RW-1	02/26/20	3362.10	60.80	sheen	48.71	sheen	NA	sheen	10.00	3313.39	
RW-1	03/05/20	3362.10	60.80	sheen	48.68	sheen	NA	sheen	10.00	3313.42	
RW-1	03/11/20	3362.10	60.80	sheen	48.63	sheen	NA	sheen	10.00	3313.47	
RW-1	03/17/20	3362.10	60.80	sheen	48.85	sheen	NA	sheen	10.00	3313.25	
RW-1	03/23/20	3362.10	60.80	sheen	48.60	sheen	NA	sheen	10.00	3313.50	
RW-1	05/07/20	3362.10	60.80	48.52	48.56	0.04	NA	NA	NA	3313.57	gauge only
RW-1	05/20/20	3362.10	60.80	48.47	48.51	0.04	NA	0.25	9.75	3313.62	
RW-1	06/03/20	3362.10	60.80	ND	48.47	ND	NA	NA	NA	3313.63	
RW-1	06/16/20	3362.10	60.80	sheen	49.21	sheen	NA	0.25	9.75	3312.89	
RW-1	07/14/20	3362.10	60.80	sheen	48.46	sheen	NA	Sheen	10.00	3313.64	
RW-1	08/18/20	3362.10	60.80	ND	48.49	ND	NA	Sheen	10.00	3313.61	
RW-1	09/16/20	3362.10	60.80	48.47	48.51	0.04	NA	0.25	9.75	3313.62	

TABLE 2
2018-2020 Historical Well Survey Data and Groundwater Elevations
2018-2020
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	10/08/20	3362.10	60.80	sheen	48.56	sheen	NA	0.25	9.75	3313.54	
RW-1	11/20/20	3362.10	60.80	ND	48.49	ND	NA	sheen	10.00	3313.61	
RW-1	12/04/20	3362.10	60.80	sheen	48.39	sheen	NA	Sheen	10.00	3313.71	
RW-1	12/22/20	3362.10	61.65	ND	48.54	ND	NA	Sheen	10.00	3313.56	
RW-2	01/03/18	3362.00	63.40	49.61	49.85	0.24	NA	0.25	9.75	3312.35	
RW-2	01/10/18	3362.00	63.40	49.54	49.80	0.26	NA	0.25	9.75	3312.42	
RW-2	01/17/18	3362.00	63.40	49.63	49.84	0.21	NA	1.50	8.50	3312.34	
RW-2	01/25/18	3362.00	63.40	49.50	49.66	0.16	NA	1.00	9.00	3312.48	
RW-2	02/01/18	3362.00	63.40	49.51	49.64	0.13	NA	1.00	9.00	3312.47	
RW-2	02/14/18	3362.00	63.40	49.48	49.58	0.10	NA	sheen	10.00	3312.51	
RW-2	02/21/18	3362.00	63.40	49.48	49.59	0.11	NA	sheen	10.00	3312.50	
RW-2	02/28/18	3362.00	63.40	49.41	49.62	0.21	NA	sheen	10.00	3312.56	
RW-2	03/06/18	3362.00	63.40	49.45	49.55	0.10	NA	NA	NA	3312.54	
RW-2	03/15/18	3362.00	63.40	49.42	49.57	0.15	NA	sheen	10.00	3312.56	
RW-2	03/22/18	3362.00	63.40	49.51	49.60	0.09	NA	sheen	10.00	3312.48	
RW-2	03/28/18	3362.00	63.40	49.49	49.79	0.30	NA	0.25	9.75	3312.47	
RW-2	04/04/18	3362.00	63.40	49.52	49.62	0.10	NA	sheen	10.00	3312.47	
RW-2	04/11/18	3362.00	63.40	49.50	49.59	0.09	NA	sheen	10.00	3312.49	
RW-2	04/19/18	3362.00	63.40	49.46	49.59	0.13	NA	sheen	10.00	3312.52	
RW-2	04/24/18	3362.00	63.40	49.51	49.60	0.09	NA	sheen	10.00	3312.48	
RW-2	05/02/18	3362.00	63.40	49.40	49.49	0.09	NA	sheen	10.00	3312.59	
RW-2	05/09/18	3362.00	63.40	49.43	49.50	0.07	NA	sheen	10.00	3312.56	
RW-2	05/15/18	3362.00	63.40	49.41	49.49	0.08	NA	sheen	10.00	3312.58	
RW-2	05/22/18	3362.00	63.40	49.39	49.47	0.08	NA	sheen	10.00	3312.60	
RW-2	05/30/18	3362.00	63.40	49.42	49.50	0.08	NA	sheen	10.00	3312.57	Sampled
RW-2	06/12/18	3362.00	63.40	49.39	49.60	0.21	NA	0.25	9.25	3312.58	
RW-2	06/19/18	3362.00	63.40	49.41	49.58	0.17	NA	0.25	9.25	3312.56	
RW-2	06/29/18	3362.00	63.40	49.44	49.60	0.16	NA	0.25	9.75	3312.54	
RW-2	07/05/18	3362.00	63.40	49.40	49.55	0.15	NA	0.25	9.75	3312.58	
RW-2	07/11/18	3362.00	63.40	49.46	49.60	0.14	NA	0.25	9.75	3312.52	
RW-2	07/18/18	3362.00	63.40	49.30	49.58	0.28	NA	sheen	10.00	3312.66	
RW-2	07/26/18	3362.00	63.40	49.32	49.62	0.30	NA	0.25	9.75	3312.64	
RW-2	07/31/18	3362.00	63.40	49.31	49.56	0.25	NA	sheen	10.00	3312.65	
RW-2	08/07/18	3362.00	63.40	49.27	49.52	0.25	NA	0.25	9.75	3312.69	
RW-2	08/14/18	3362.00	63.40	49.26	49.58	0.32	NA	0.25	9.75	3312.69	
RW-2	08/21/18	3362.00	63.40	49.25	49.55	0.30	NA	0.25	9.75	3312.71	
RW-2	08/30/18	3362.00	63.40	49.31	49.50	0.19	NA	0.25	9.75	3312.66	
RW-2	09/05/18	3362.00	63.40	49.35	49.59	0.24	NA	0.25	9.75	3312.61	
RW-2	09/18/18	3362.00	63.40	49.25	49.49	0.24	NA	0.25	9.75	3312.71	

TABLE 2
2018-2020 Historical Well Survey Data and Groundwater Elevations
2018-2020
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	09/26/18	3362.00	63.40	49.30	49.51	0.21	NA	0.25	9.75	3312.67	
RW-2	10/03/18	3362.00	63.40	49.30	49.56	0.26	NA	0.25	9.75	3312.66	
RW-2	10/11/18	3362.00	63.40	49.25	49.55	0.30	NA	0.25	9.75	3312.71	
RW-2	10/17/18	3362.00	63.40	48.96	49.11	0.15	NA	0.25	9.75	3313.02	
RW-2	10/24/18	3362.00	63.40	49.00	49.22	0.22	NA	sheen	10.00	3312.97	
RW-2	10/31/18	3362.00	63.40	49.16	49.42	0.26	NA	0.25	9.75	3312.80	
RW-2	11/06/18	3362.00	63.40	49.22	49.40	0.18	NA	0.25	9.75	3312.75	
RW-2	11/13/18	3362.00	63.40	49.25	49.47	0.22	NA	0.25	9.75	3312.72	
RW-2	11/21/18	3362.00	63.40	49.18	49.40	0.22	NA	0.25	9.75	3312.79	
RW-2	11/27/18	3362.00	63.40	49.20	49.48	0.28	NA	0.25	9.75	3312.76	
RW-2	12/72018	3362.00	63.40	49.21	49.41	0.20	NA	0.25	9.75	3312.76	
RW-2	12/12/18	3362.00	63.40	49.25	49.51	0.26	NA	0.25	9.75	3312.71	
RW-2	12/18/18	3362.00	63.40	49.20	49.55	0.35	NA	0.25	9.75	3312.75	
RW-2	01/03/19	3362.00	63.40	49.21	49.56	0.35	NA	0.25	9.75	3312.74	
RW-2	01/08/19	3362.00	63.40	49.19	49.58	0.39	NA	0.50	9.50	3312.75	
RW-2	01/29/19	3362.00	63.40	49.15	49.90	0.75	NA	sheen	10.00	3312.74	
RW-2	02/05/19	3362.00	63.40	49.18	49.32	0.14	NA	0.25	9.75	3312.80	Sampled
RW-2	02/12/19	3362.00	63.40	49.18	49.40	0.22	NA	0.25	9.25	3312.79	
RW-2	02/27/19	3362.00	63.40	49.15	49.38	0.23	NA	0.25	9.25	3312.82	
RW-2	03/06/19	3362.00	63.40	49.18	49.40	0.22	NA	0.25	9.75	3312.79	
RW-2	03/12/19	3362.00	63.40	49.20	49.40	0.20	NA	sheen	10.00	3312.77	
RW-2	03/21/19	3362.00	63.40	49.19	49.41	0.22	NA	0.25	9.75	3312.78	
RW-2	03/28/19	3362.00	63.40	49.26	49.49	0.23	NA	sheen	10.00	3312.71	
RW-2	04/02/19	3362.00	63.40	49.20	49.44	0.24	NA	0.25	9.75	3312.76	
RW-2	04/10/19	3362.00	63.40	49.17	49.36	0.19	NA	sheen	10.00	3312.80	
RW-2	04/16/19	3362.00	63.40	49.19	49.42	0.23	NA	0.25	9.75	3312.78	
RW-2	04/24/19	3362.00	63.40	49.21	49.40	0.19	NA	0.25	9.75	3312.76	
RW-2	05/01/19	3362.00	63.40	48.90	49.12	0.22	NA	0.25	9.75	3313.07	
RW-2	05/08/19	3362.00	63.40	49.00	49.11	0.12	NA	sheen	10.00	3312.99	
RW-2	05/17/19	3362.00	63.40	48.99	49.15	0.16	NA	sheen	10.00	3312.99	
RW-2	05/24/19	3362.00	63.40	49.01	49.18	0.17	NA	sheen	10.00	3312.96	
RW-2	06/05/19	3362.00	63.40	48.89	48.94	0.05	NA	sheen	10.00	3313.10	
RW-2	06/14/19	3362.00	63.40	48.88	48.99	0.11	NA	0.50	9.50	3313.10	
RW-2	06/20/19	3362.00	63.40	48.91	48.97	0.06	NA	sheen	9.75	3313.08	
RW-2	06/25/19	3362.00	63.40	48.92	49.10	0.18	NA	0.50	9.50	3313.05	
RW-2	07/02/19	3362.00	63.40	48.95	49.10	0.15	NA	sheen	10.00	3313.03	
RW-2	07/10/19	3362.00	63.40	48.93	49.10	0.17	NA	0.25	9.75	3313.04	
RW-2	07/26/19	3362.00	63.40	48.86	48.88	0.02	NA	sheen	10.00	3313.14	
RW-2	08/11/19	3362.00	63.40	48.94	49.27	0.33	NA	0.25	9.75	3313.01	
RW-2	08/14/19	3362.00	63.40	48.96	49.21	0.25	NA	0.25	9.75	3313.00	

TABLE 2
2018-2020 Historical Well Survey Data and Groundwater Elevations
2018-2020
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	08/21/19	3362.00	63.40	48.98	48.99	0.01	NA	sheen	10.00	3313.02	
RW-2	09/06/19	3362.00	63.40	48.95	49.12	0.17	NA	0.25	9.75	3313.02	
RW-2	09/12/19	3362.00	63.40	48.98	49.15	0.17	NA	0.25	9.75	3312.99	
RW-2	09/19/19	3362.00	63.40	48.92	49.12	0.20	NA	1.00	9.00	3313.05	
RW-2	09/26/19	3362.00	63.40	49.30	49.51	0.21	NA	0.25	9.75	3312.67	
RW-2	10/16/19	3362.00	63.40	48.26	49.25	0.99	NA	0.25	9.75	3313.59	
RW-2	10/23/19	3362.00	63.40	48.95	49.05	0.10	NA	sheen	10.00	3313.04	
RW-2	10/31/19	3362.00	63.40	48.98	49.12	0.14	NA	sheen	10.00	3313.00	
RW-2	11/05/19	3362.00	63.40	48.91	49.04	0.13	NA	NA	NA	3313.07	
RW-2	11/14/19	3362.00	63.40	48.94	48.98	0.04	NA	0.25	9.75	3313.05	
RW-2	11/26/19	3362.00	63.40	48.80	49.05	0.25	NA	0.25	9.75	3313.16	
RW-2	12/03/19	3362.00	63.40	48.89	49.13	0.24	NA	sheen	10.00	3313.07	
RW-2	12/13/19	3362.00	63.40	48.91	49.14	0.23	NA	sheen	10.00	3313.06	
RW-2	12/20/19	3362.00	63.40	48.90	49.00	0.10	NA	sheen	10.00	3313.09	
RW-2	12/26/19	3362.00	63.40	48.88	48.92	0.04	NA	sheen	10.00	3313.11	
RW-2	01/02/20	3362.00	63.40	48.91	49.00	0.09	NA	0.25	9.75	3313.07	
RW-2	01/09/20	3362.00	63.40	48.95	49.03	0.08	NA	0.25	9.75	3313.04	
RW-2	01/14/20	3362.00	63.40	48.97	49.02	0.05	NA	0.25	9.75	3313.02	
RW-2	01/31/20	3362.00	63.40	48.83	48.97	0.14	NA	0.25	9.75	3313.15	
RW-2	02/07/20	3362.00	63.40	48.82	48.89	0.07	NA	0.25	9.75	3313.17	
RW-2	02/12/20	3362.00	63.40	48.78	48.90	0.12	NA	0.25	9.75	3313.20	
RW-2	02/19/20	3362.00	63.40	48.86	48.93	0.07	NA	0.25	9.75	3313.13	
RW-2	02/26/20	3362.00	63.40	48.81	48.88	0.07	NA	0.25	9.75	3313.18	
RW-2	03/05/20	3362.00	63.40	48.78	48.82	0.04	NA	0.25	9.75	3313.21	
RW-2	03/11/20	3362.00	63.40	48.80	48.92	0.12	NA	0.25	9.75	3313.18	
RW-2	03/17/20	3362.00	63.40	48.74	48.85	0.11	NA	0.25	9.75	3313.24	
RW-2	03/23/20	3362.00	63.40	48.72	48.80	0.08	NA	0.25	9.75	3313.27	
RW-2	05/07/20	3362.00	63.40	48.68	48.98	0.30	NA	NA	NA	3313.28	guage only
RW-2	05/20/20	3362.00	63.40	48.65	49.00	0.35	NA	1.00	9.00	3313.30	
RW-2	06/03/20	3362.00	63.40	48.63	48.68	0.05	NA	sheen	10.00	3313.36	
RW-2	06/16/20	3362.00	63.40	48.68	48.76	0.08	NA	0.25	9.75	3313.31	
RW-2	07/14/20	3362.00	63.40	48.64	48.81	0.17	NA	1.00	9.00	3313.33	
RW-2	08/18/20	3362.00	63.40	48.65	48.70	0.05	NA	0.25	9.75	3313.34	
RW-2	09/16/20	3362.00	63.40	48.69	48.80	0.11	NA	1.00	9.00	3313.29	
RW-2	10/08/20	3362.00	63.40	48.72	48.80	0.08	NA	sheen	10.00	3313.27	
RW-2	11/20/20	3362.00	63.40	48.66	48.70	0.04	NA	0.25	9.75	3313.33	
RW-2	12/04/20	3362.00	63.40	48.61	48.68	0.07	NA	0.25	9.75	3313.38	
RW-2	12/22/20	3362.00	63.40	48.68	48.75	0.07	NA	0.25	9.75	3313.31	
RW-3	01/03/18	3361.93	63.80	50.12	50.30	0.18	NA	sheen	10.00	3311.78	

TABLE 2
2018-2020 Historical Well Survey Data and Groundwater Elevations
2018-2020
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	01/10/18	3361.93	63.80	50.08	50.14	0.06	NA	sheen	10.00	3311.84	
RW-3	01/17/18	3361.93	63.80	50.12	50.13	0.01	NA	1.00	9.00	3311.81	
RW-3	01/25/18	3361.93	63.80	50.01	50.10	0.09	NA	1.00	9.00	3311.91	
RW-3	02/01/18	3361.93	63.80	50.01	50.35	0.34	NA	1.00	9.00	3311.87	
RW-3	02/14/18	3361.93	63.80	50.00	50.09	0.09	NA	sheen	10.00	3311.92	
RW-3	02/21/18	3361.93	63.80	50.02	50.14	0.12	NA	sheen	10.00	3311.89	
RW-3	02/28/18	3361.93	63.80	49.90	50.10	0.20	NA	0.50	9.50	3312.00	
RW-3	03/06/18	3361.93	63.80	49.97	50.14	0.17	NA	NA	NA	3311.93	
RW-3	03/15/18	3361.93	63.80	49.92	50.11	0.19	NA	sheen	10.00	3311.98	
RW-3	03/22/18	3361.93	63.80	50.00	50.10	0.10	NA	sheen	10.00	3311.92	
RW-3	03/28/18	3361.93	63.80	50.00	50.22	0.22	NA	0.25	9.75	3311.90	
RW-3	04/04/18	3361.93	63.80	50.00	50.18	0.18	NA	sheen	10.00	3311.90	
RW-3	04/11/18	3361.93	63.80	50.03	50.19	0.16	NA	sheen	10.00	3311.88	
RW-3	04/19/18	3361.93	63.80	49.99	50.16	0.17	NA	sheen	10.00	3311.91	
RW-3	04/24/18	3361.93	63.80	50.00	50.18	0.18	NA	sheen	10.00	3311.90	
RW-3	05/02/18	3361.93	63.80	49.88	49.99	0.11	NA	sheen	10.00	3312.03	
RW-3	05/09/18	3361.93	63.80	49.92	50.02	0.10	NA	sheen	10.00	3312.00	
RW-3	05/15/18	3361.93	63.80	49.90	50.08	0.18	NA	sheen	10.00	3312.00	
RW-3	05/22/18	3361.93	63.80	49.87	50.05	0.18	NA	sheen	10.00	3312.03	
RW-3	05/30/18	3361.93	63.80	49.89	50.00	0.11	NA	sheen	10.00	3312.02	
RW-3	06/12/18	3361.93	63.80	49.89	50.06	0.17	NA	0.25	9.75	3312.01	Sampled
RW-3	06/19/18	3361.93	63.80	49.92	50.03	0.11	NA	sheen	10.00	3311.99	
RW-3	06/29/18	3361.93	63.80	49.95	50.04	0.09	NA	sheen	10.00	3311.97	
RW-3	07/05/18	3361.93	63.80	49.90	50.05	0.15	NA	0.25	9.75	3312.01	
RW-3	07/11/18	3361.93	63.80	49.96	50.07	0.11	NA	0.25	9.75	3311.95	
RW-3	07/18/18	3361.93	63.80	49.83	50.08	0.25	NA	0.25	9.75	3312.06	
RW-3	07/26/18	3361.93	63.80	49.86	50.12	0.26	NA	0.25	9.75	3312.03	
RW-3	07/31/18	3361.93	63.80	49.85	50.09	0.24	NA	0.25	9.75	3312.04	
RW-3	08/07/18	3361.93	63.80	49.80	50.03	0.23	NA	0.25	9.75	3312.10	
RW-3	08/14/18	3361.93	63.80	49.82	50.09	0.27	NA	0.25	9.75	3312.07	
RW-3	08/21/18	3361.93	63.80	49.81	50.08	0.27	NA	0.25	9.75	3312.08	
RW-3	08/30/18	3361.93	63.80	49.86	50.06	0.20	NA	0.25	9.75	3312.04	
RW-3	09/05/18	3361.93	63.80	49.90	50.11	0.21	NA	0.25	9.75	3312.00	
RW-3	09/18/18	3361.93	63.80	49.83	50.01	0.18	NA	0.25	9.75	3312.07	

TABLE 2
2018-2020 Historical Well Survey Data and Groundwater Elevations
2018-2020
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	09/26/18	3361.93	63.80	49.86	50.02	0.16	NA	0.25	9.75	3312.05	
RW-3	10/03/18	3361.93	63.80	49.88	50.09	0.21	NA	0.25	9.75	3312.02	
RW-3	10/11/18	3361.93	63.80	49.81	50.10	0.29	NA	0.25	9.75	3312.08	
RW-3	10/17/18	3361.93	63.80	49.68	49.90	0.22	NA	0.25	9.75	3312.22	
RW-3	10/24/18	3361.93	63.80	49.82	50.01	0.19	NA	0.25	9.75	3312.08	
RW-3	10/31/18	3361.93	63.80	49.83	50.01	0.18	NA	0.25	9.75	3312.07	
RW-3	11/09/18	3361.93	63.80	49.78	49.96	0.18	NA	0.25	9.75	3312.12	
RW-3	11/13/18	3361.93	63.80	49.86	49.99	0.13	NA	0.25	9.75	3312.05	
RW-3	11/21/18	3361.93	63.80	49.88	50.00	0.12	NA	0.25	9.75	3312.03	
RW-3	11/27/18	3361.93	63.80	49.82	49.94	0.12	NA	0.25	9.75	3312.09	
RW-3	12/07/18	3361.93	63.80	49.89	50.02	0.13	NA	0.25	9.75	3312.02	
RW-3	12/12/18	3361.93	63.80	49.92	50.08	0.16	NA	0.25	9.75	3311.99	
RW-3	12/18/18	3361.93	63.80	49.90	50.09	0.19	NA	0.25	9.75	3312.00	
RW-3	01/03/19	3361.93	63.80	49.94	50.11	0.17	NA	sheen	10.00	3311.96	
RW-3	01/08/19	3361.93	63.80	49.92	50.12	0.20	NA	0.25	9.75	3311.98	
RW-3	01/29/19	3361.93	63.80	49.65	49.74	0.09	NA	sheen	10.00	3312.27	
RW-3	02/05/19	3361.93	63.80	49.76	49.90	0.14	NA	0.25	9.75	3312.15	
RW-3	02/12/19	3361.93	63.80	49.72	49.79	0.07	NA	0.25	9.75	3312.20	Sampled
RW-3	02/27/19	3361.93	63.80	49.70	49.81	0.11	NA	sheen	10.00	3312.21	
RW-3	03/06/19	3361.93	63.80	49.73	49.86	0.13	NA	0.25	9.75	3312.18	
RW-3	03/12/19	3361.93	63.80	49.75	49.91	0.16	NA	sheen	10.00	3312.16	
RW-3	03/21/19	3361.93	63.80	49.77	49.98	0.21	NA	sheen	10.00	3312.13	
RW-3	03/28/19	3361.93	63.80	49.71	49.99	0.28	NA	0.25	9.75	3312.18	
RW-3	04/02/19	3361.93	63.80	49.77	49.94	0.17	NA	sheen	10.00	3312.13	
RW-3	04/10/19	3361.93	63.80	49.70	49.86	0.16	NA	0.25	9.75	3312.21	
RW-3	04/16/19	3361.93	63.80	49.72	49.86	0.14	NA	sheen	10.00	3312.19	
RW-3	04/24/19	3361.93	63.80	49.75	49.87	0.12	NA	sheen	10.00	3312.16	
RW-3	05/01/19	3361.93	63.80	49.45	49.56	0.11	NA	sheen	10.00	3312.46	
RW-3	05/08/19	3361.93	63.80	49.47	49.54	0.07	NA	0.25	9.75	3312.45	
RW-3	05/17/19	3361.93	63.80	48.99	49.15	0.16	NA	0.25	9.75	3312.92	
RW-3	05/24/19	3361.93	63.80	49.01	49.18	0.17	NA	0.25	9.75	3312.89	
RW-3	06/05/19	3361.93	63.80	49.63	49.76	0.13	NA	sheen	10.00	3312.28	
RW-3	06/14/19	3361.93	63.80	49.43	49.45	0.02	NA	sheen	10.00	3312.50	
RW-3	06/20/19	3361.93	63.80	49.65	49.79	0.14	NA	sheen	10.00	3312.26	
RW-3	06/25/19	3361.93	63.80	49.48	49.49	0.01	NA	sheen	10.00	3312.45	

TABLE 2
2018-2020 Historical Well Survey Data and Groundwater Elevations
2018-2020
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	07/02/19	3361.93	63.80	49.49	49.56	0.07	NA	sheen	10.00	3312.43	
RW-3	07/10/19	3361.93	63.80	49.49	49.52	0.03	NA	sheen	10.00	3312.44	
RW-3	07/26/19	3361.93	63.80	49.40	49.48	0.08	NA	sheen	10.00	3312.52	
RW-3	08/11/19	3361.93	63.80	49.48	49.56	0.08	NA	sheen	10.00	3312.44	
RW-3	08/14/19	3361.93	63.80	49.53	49.61	0.08	NA	sheen	10.00	3312.39	
RW-3	08/21/19	3361.93	63.80	49.48	49.49	0.01	NA	sheen	10.00	3312.45	
RW-3	09/06/19	3361.93	63.80	49.52	49.55	0.03	NA	0.25	9.75	3312.41	
RW-3	09/12/19	3361.93	63.80	49.52	49.53	0.01	NA	sheen	10.00	3312.41	
RW-3	09/19/19	3361.93	63.80	49.47	49.50	0.03	NA	sheen	10.00	3312.46	
RW-3	09/26/19	3361.93	63.80	49.86	50.02	0.16	NA	0.25	9.75	3312.05	
RW-3	10/16/19	3361.93	63.80	49.52	49.58	0.06	NA	sheen	10.00	3312.40	
RW-3	10/23/19	3361.93	63.80	49.48	49.52	0.04	NA	sheen	10.00	3312.44	
RW-3	10/31/19	3361.93	63.80	49.52	49.54	0.02	NA	sheen	10.00	3312.41	
RW-3	11/05/19	3361.93	63.80	49.45	49.47	0.02	NA	NA	NA	3312.48	
RW-3	11/14/19	3361.93	63.80	49.50	49.52	0.02	NA	sheen	10.00	3312.43	
RW-3	11/26/19	3361.93	63.80	49.41	49.43	0.02	NA	sheen	10.00	3312.52	
RW-3	12/03/19	3361.93	63.80	49.42	49.45	0.03	NA	sheen	10.00	3312.51	
RW-3	12/13/19	3361.93	63.80	49.47	49.50	0.03	NA	sheen	10.00	3312.46	
RW-3	12/20/19	3361.93	63.80	49.48	49.52	0.04	NA	sheen	10.00	3312.44	
RW-3	12/26/19	3361.93	63.80	49.45	49.48	0.03	NA	0.25	9.75	3312.48	
RW-3	01/02/20	3361.93	63.80	49.45	49.48	0.03	NA	sheen	10.00	3312.48	
RW-3	01/09/20	3361.93	63.80	49.39	49.41	0.02	NA	sheen	10.00	3312.54	
RW-3	01/14/20	3361.93	63.80	49.45	49.47	0.02	NA	sheen	10.00	3312.48	
RW-3	01/31/20	3361.93	63.80	49.36	49.37	0.01	NA	sheen	10.00	3312.57	
RW-3	02/07/20	3361.93	63.80	49.34	49.36	0.02	NA	sheen	10.00	3312.59	
RW-3	02/12/20	3361.93	63.80	49.32	49.34	0.02	NA	sheen	10.00	3312.61	
RW-3	02/19/20	3361.93	63.80	ND	49.35	ND	NA	sheen	10.00	3312.58	
RW-3	02/26/20	3361.93	63.80	49.31	49.32	0.01	NA	sheen	10.00	3312.62	
RW-3	03/05/20	3361.93	63.80	49.38	49.40	0.02	NA	sheen	10.00	3312.55	
RW-3	03/11/20	3361.93	63.80	sheen	49.33	sheen	NA	sheen	10.00	3312.60	
RW-3	03/17/20	3361.93	63.80	49.28	49.29	0.01	NA	sheen	10.00	3312.65	
RW-3	03/23/20	3361.93	63.80	49.30	49.31	0.01	NA	sheen	10.00	3312.63	
RW-3	05/07/20	3361.93	63.80	48.27	48.30	0.03	NA	NA	NA	3313.66	guage only
RW-3	05/20/20	3361.93	63.80	49.14	49.17	0.03	NA	sheen	10.00	3312.79	
RW-3	06/03/20	3361.93	63.80	49.15	49.16	0.01	NA	sheen	10.00	3312.78	
RW-3	06/16/20	3361.93	63.80	sheen	49.21	sheen	NA	sheen	10.00	3312.72	
RW-3	07/14/20	3361.93	63.80	sheen	49.15	sheen	NA	sheen	10.00	3312.78	
RW-3	08/18/20	3361.93	63.80	ND	49.18	ND	NA	sheen	10.00	3312.75	
RW-3	09/16/20	3361.93	63.80	sheen	49.26	sheen	NA	sheen	10.00	3312.67	
RW-3	10/08/20	3361.93	63.80	sheen	49.24	sheen	NA	sheen	10.00	3312.69	

TABLE 2
2018-2020 Historical Well Survey Data and Groundwater Elevations
2018-2020
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	11/20/20	3361.93	63.80	ND	49.18	ND	NA	sheen	10.00	3312.75	
RW-3	12/04/20	3361.93	63.80	sheen	49.12	sheen	NA	sheen	10.00	3312.81	
RW-3	12/22/20	3361.93	63.80	49.22	49.23	0.01	NA	0.25	9.75	3312.71	
RW-4	03/06/18	3363.22	63.65	ND	49.86	ND	NA	NA	NA	3313.36	Sampled
RW-4	06/12/18	3363.22	63.65	ND	49.68	ND	NA	NA	NA	3313.54	Sampled
RW-4	09/05/18	3363.22	63.65	ND	49.69	ND	NA	NA	NA	3313.53	Sampled
RW-4	11/27/18	3363.22	63.65	ND	49.52	ND	NA	NA	NA	3313.70	Sampled
RW-4	02/12/19	3363.22	63.65	ND	49.46	ND	NA	NA	NA	3313.76	Sampled
RW-4	05/08/19	3363.22	63.65	ND	49.22	ND	NA	NA	NA	3314.00	Sampled
RW-4	08/21/19	3363.22	63.65	ND	49.21	ND	NA	NA	NA	3314.01	Sampled
RW-4	11/05/19	3363.22	63.65	ND	49.20	ND	NA	NA	NA	3314.02	Sampled
RW-4	03/17/20	3363.22	63.65	ND	49.02	ND	NA	NA	NA	3314.20	Sampled
RW-4	06/16/20	3363.22	63.65	ND	48.94	ND	NA	NA	NA	3314.28	Sampled
RW-4	09/16/20	3363.22	63.65	ND	49.00	ND	NA	NA	NA	3314.22	Sampled
RW-4	12/22/20	3363.22	63.65	ND	48.95	ND	NA	NA	NA	3314.27	Sampled
RW-5	03/06/18	3362.38	64.07	ND	49.49	ND	NA	NA	NA	3312.89	Sampled
RW-5	06/12/18	3362.38	64.07	ND	49.31	ND	NA	NA	NA	3313.07	Sampled
RW-5	09/05/18	3362.38	64.07	ND	49.29	ND	NA	NA	NA	3313.09	Sampled
RW-5	11/27/18	3362.38	64.07	ND	49.18	ND	NA	NA	NA	3313.20	Sampled
RW-5	02/13/19	3362.38	64.07	ND	49.11	ND	NA	NA	NA	3313.27	Sampled
RW-5	05/08/19	3362.38	64.07	ND	48.84	ND	NA	NA	NA	3313.54	Sampled
RW-5	08/21/19	3362.38	64.07	ND	48.87	ND	NA	NA	NA	3313.51	Sampled
RW-5	11/05/19	3362.38	64.07	ND	48.85	ND	NA	NA	NA	3313.53	Sampled
RW-5	03/17/20	3362.38	64.07	ND	48.66	ND	NA	NA	NA	3313.72	Sampled
RW-5	06/16/20	3362.38	64.07	ND	48.60	ND	NA	NA	NA	3313.78	Sampled
RW-5	09/16/20	3362.38	64.07	ND	48.65	ND	NA	NA	NA	3313.73	Sampled
RW-5	12/22/20	3362.38	64.07	ND	48.60	ND	NA	NA	NA	3313.78	Sampled
RW-6	03/06/18	3363.11	64.27	ND	50.72	ND	NA	NA	NA	3312.39	Sampled
RW-6	06/12/18	3363.11	64.27	ND	50.60	ND	NA	NA	NA	3312.51	Sampled
RW-6	09/05/18	3363.11	64.27	ND	50.60	ND	NA	NA	NA	3312.51	Sampled
RW-6	11/27/18	3363.11	64.27	ND	50.45	ND	NA	NA	NA	3312.66	Sampled
RW-6	02/12/19	3363.11	64.27	ND	50.38	ND	NA	NA	NA	3312.73	Sampled
RW-6	05/08/19	3363.11	64.27	ND	50.12	ND	NA	NA	NA	3312.99	Sampled
RW-6	08/21/19	3363.11	64.27	ND	50.16	ND	NA	NA	NA	3312.95	Sampled
RW-6	11/05/19	3363.11	64.27	ND	50.12	ND	NA	NA	NA	3312.99	Sampled
RW-6	03/17/20	3363.11	64.27	ND	49.92	ND	NA	NA	NA	3313.19	Sampled
RW-6	06/16/20	3363.11	64.27	ND	49.88	ND	NA	NA	NA	3313.23	Sampled

TABLE 2
2018-2020 Historical Well Survey Data and Groundwater Elevations
2018-2020
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-6	09/16/20	3363.11	64.27	ND	49.95	ND	NA	NA	NA	3313.16	Sampled
RW-6	12/22/20	3363.11	64.27	ND	49.96	ND	NA	NA	NA	3313.15	Sampled
RW-7	03/06/18	3362.52	68.56	ND	49.41	ND	NA	NA	NA	3313.11	Sampled
RW-7	06/12/18	3362.52	68.56	ND	49.25	ND	NA	NA	NA	3313.27	Sampled
RW-7	09/05/18	3362.52	68.56	ND	49.25	ND	NA	NA	NA	3313.27	Sampled
RW-7	11/27/18	3362.52	68.56	ND	49.10	ND	NA	NA	NA	3313.42	Sampled
RW-7	02/12/19	3362.52	68.56	ND	49.04	ND	NA	NA	NA	3313.48	Sampled
RW-7	05/08/19	3362.52	68.56	ND	48.82	ND	NA	NA	NA	3313.70	Sampled
RW-7	08/21/19	3362.52	68.56	ND	48.84	ND	NA	NA	NA	3313.68	Sampled
RW-7	11/05/19	3362.52	68.56	ND	48.80	ND	NA	NA	NA	3313.72	Sampled
RW-7	03/17/20	3362.52	68.56	ND	48.62	ND	NA	NA	NA	3313.90	Sampled
RW-7	06/16/20	3362.52	68.56	ND	48.56	ND	NA	NA	NA	3313.96	Sampled
RW-7	09/16/20	3362.52	68.56	ND	48.61	ND	NA	NA	NA	3313.91	Sampled
RW-7	12/22/20	3362.52	68.56	ND	48.58	ND	NA	NA	NA	3313.94	Sampled
RW-8	01/03/18	3362.52	68.34	50.08	50.55	0.47	NA	2.00	23.00	3312.37	
RW-8	01/10/18	3362.52	68.34	50.02	50.41	0.39	NA	2.00	23.00	3312.44	
RW-8	01/17/18	3362.52	68.34	50.12	50.54	0.42	NA	4.00	21.00	3312.34	
RW-8	01/25/18	3362.52	68.34	49.98	50.39	0.41	NA	6.00	14.00	3312.48	
RW-8	02/01/18	3362.52	68.34	49.49	50.35	0.86	NA	3.00	22.00	3312.90	
RW-8	02/14/18	3362.52	68.34	49.94	50.29	0.35	NA	3.00	22.00	3312.53	
RW-8	02/21/18	3362.52	68.34	49.96	50.35	0.39	NA	0.50	24.50	3312.50	
RW-8	02/28/18	3362.52	68.34	49.88	50.20	0.32	NA	1.00	24.00	3312.59	
RW-8	03/06/18	3362.52	68.34	49.95	50.76	0.81	NA	NA	NA	3312.45	
RW-8	03/15/18	3362.52	68.34	49.91	50.49	0.58	NA	3.00	22.00	3312.52	
RW-8	03/22/18	3362.52	68.34	49.98	50.50	0.52	NA	2.00	23.00	3312.46	
RW-8	03/28/18	3362.52	68.34	50.04	50.21	0.17	NA	2.00	23.00	3312.45	
RW-8	04/04/18	3362.52	68.34	49.99	50.26	0.27	NA	2.00	23.00	3312.49	
RW-8	04/11/18	3362.52	68.34	49.98	50.28	0.30	NA	2.00	23.00	3312.50	
RW-8	04/19/18	3362.52	68.34	50.04	50.31	0.27	NA	2.00	23.00	3312.44	
RW-8	04/24/18	3362.52	68.34	49.98	50.26	0.28	NA	2.00	23.00	3312.50	
RW-8	05/02/18	3362.52	68.34	49.87	50.28	0.41	NA	3.00	22.00	3312.59	
RW-8	05/09/18	3362.52	68.34	49.90	50.26	0.36	NA	3.00	22.00	3312.57	
RW-8	05/15/18	3362.52	68.34	49.85	50.26	0.41	NA	3.00	22.00	3312.61	
RW-8	05/22/18	3362.52	68.34	49.84	50.21	0.37	NA	2.00	23.00	3312.62	

TABLE 2
2018-2020 Historical Well Survey Data and Groundwater Elevations
2018-2020
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
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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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-8	05/30/18	3362.52	68.34	49.87	50.11	0.24	NA	2.00	23.00	3312.61	
RW-8	06/12/18	3362.52	68.34	49.85	50.15	0.30	NA	2.00	23.00	3312.63	sampled
RW-8	06/19/18	3362.52	68.34	49.88	50.11	0.23	NA	3.00	22.00	3312.61	
RW-8	06/29/18	3362.52	68.34	49.91	50.09	0.18	NA	3.00	22.00	3312.58	
RW-8	07/05/18	3362.52	68.34	49.86	50.33	0.47	NA	2.00	13.00	3312.59	
RW-8	07/11/18	3362.52	68.34	49.9	50.28	0.38	NA	2.00	23.00	3312.56	
RW-8	07/18/18	3362.52	68.34	49.82	50.14	0.32	NA	2.00	23.00	3312.65	
RW-8	07/26/18	3362.52	68.34	49.88	50.30	0.42	NA	2.00	23.00	3312.58	
RW-8	07/26/18	3362.52	68.34	49.9	50.28	0.38	NA	2.00	23.00	3312.56	
RW-8	08/07/18	3362.52	68.34	49.86	50.23	0.37	NA	3.00	22.00	3312.60	
RW-8	08/14/18	3362.52	68.34	49.81	50.23	0.42	NA	2.00	23.00	3312.65	
RW-8	08/21/18	3362.52	68.34	49.8	50.26	0.46	NA	3.00	22.00	3312.65	
RW-8	08/30/18	3362.52	68.34	49.91	50.22	0.31	NA	2.00	23.00	3312.56	
RW-8	09/05/18	3362.52	68.34	49.88	50.21	0.33	NA	2.00	23.00	3312.59	
RW-8	09/18/18	3362.52	68.34	49.78	50.24	0.46	NA	2.00	23.00	3312.67	
RW-8	09/26/18	3362.52	68.34	49.88	50.31	0.43	NA	3.00	22.00	3312.58	
RW-8	10/03/18	3362.52	68.34	49.91	50.36	0.45	NA	3.00	22.00	3312.54	
RW-8	10/11/18	3362.52	68.34	49.85	50.29	0.44	NA	3.00	22.00	3312.60	
RW-8	10/17/18	3362.52	68.34	49.65	49.94	0.29	NA	3.00	22.00	3312.83	
RW-8	10/24/18	3362.52	68.34	49.85	50.16	0.31	NA	2.00	23.00	3312.62	
RW-8	10/31/18	3362.52	68.34	49.88	50.09	0.21	NA	3.00	22.00	3312.61	
RW-8	11/06/18	3362.52	68.34	49.72	50.06	0.34	NA	3.00	22.00	3312.75	
RW-8	11/13/18	3362.52	68.34	49.9	50.11	0.21	NA	3.00	22.00	3312.59	
RW-8	11/21/18	3362.52	68.34	49.69	49.90	0.21	NA	2.00	23.00	3312.80	
RW-8	11/27/18	3362.52	68.34	49.72	49.98	0.26	NA	2.00	23.00	3312.76	
RW-8	12/07/18	3362.52	68.34	49.72	49.94	0.22	NA	3.00	22.00	3312.77	
RW-8	12/12/18	3362.52	68.34	49.75	49.99	0.24	NA	2.00	23.00	3312.73	
RW-8	12/18/18	3362.52	68.34	49.78	49.96	0.18	NA	3.00	22.00	3312.71	
RW-8	01/03/19	3362.52	68.34	49.87	50.28	0.41	NA	3.00	22.00	3312.59	
RW-8	01/08/19	3362.52	68.34	49.82	49.99	0.17	NA	3.00	22.00	3312.67	
RW-8	01/29/19	3362.52	68.34	49.6	49.74	0.14	NA	sheen	20.00	3312.90	
RW-8	02/05/19	3362.52	68.34	49.19	49.97	0.78	NA	0.50	19.50	3313.21	
RW-8	02/12/19	3362.52	68.34	49.68	49.81	0.13	NA	2.00	23.00	3312.82	
RW-8	02/27/19	3362.52	68.34	49.7	49.86	0.16	NA	2.00	23.00	3312.80	

TABLE 2
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2018-2020
Vacuum to Jal 14" Mainline #5
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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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-8	03/06/19	3362.52	68.34	49.76	49.96	0.20	NA	2.00	23.00	3312.73	
RW-8	03/12/19	3362.52	68.34	49.76	49.99	0.23	NA	2.00	23.00	3312.73	
RW-8	03/21/19	3362.52	68.34	49.79	50.03	0.24	NA	2.00	23.00	3312.69	
RW-8	03/28/19	3362.52	68.34	49.78	50.01	0.23	NA	2.00	23.00	3312.71	
RW-8	04/02/19	3362.52	68.34	49.8	50.05	0.25	NA	2.00	23.00	3312.68	
RW-8	04/10/19	3362.52	68.34	49.72	50.00	0.28	NA	2.00	23.00	3312.76	
RW-8	04/16/19	3362.52	68.34	49.71	50.04	0.33	NA	2.00	23.00	3312.76	
RW-8	04/24/19	3362.52	68.34	49.72	50.01	0.29	NA	2.00	23.00	3312.76	
RW-8	05/01/19	3362.52	68.34	49.42	49.61	0.19	NA	2.00	23.00	3313.07	
RW-8	05/08/19	3362.52	68.34	49.46	49.61	0.15	NA	2.00	23.00	3313.04	
RW-8	05/17/19	3362.52	68.34	49.51	49.68	0.17	NA	2.00	23.00	3312.98	
RW-8	05/24/19	3362.52	68.34	49.55	49.67	0.12	NA	2.00	23.00	3312.95	
RW-8	06/05/19	3362.52	68.34	49.59	49.73	0.14	NA	2.00	23.00	3312.91	
RW-8	06/14/19	3362.52	68.34	49.45	49.46	0.01	NA	sheen	10.00	3313.07	
RW-8	06/20/19	3362.52	68.34	49.62	49.70	0.08	NA	2.00	23.00	3312.89	
RW-8	06/25/19	3362.52	68.34	49.49	49.63	0.14	NA	0.25	10.00	3313.01	
RW-8	07/02/19	3362.52	68.34	49.51	49.53	0.02	NA	0.25	24.75	3313.01	
RW-8	07/10/19	3362.52	68.34	49.5	49.52	0.02	NA	sheen	10.00	3313.02	
RW-8	07/26/19	3362.52	68.34	49.46	49.50	0.04	NA	0.25	9.75	3313.05	
RW-8	08/11/19	3362.52	68.34	49.46	49.57	0.11	NA	0.25	1.75	3313.04	
RW-8	08/14/19	3362.52	68.34	49.48	49.53	0.05	NA	sheen	10.00	3313.03	
RW-8	08/21/19	3362.52	68.34	49.49	49.50	0.01	NA	sheen	25.00	3313.03	
RW-8	09/06/19	3362.52	68.34	49.46	49.60	0.14	NA	0.25	9.75	3313.04	
RW-8	09/12/19	3362.52	68.34	ND	49.58	ND	NA	NA	NA	3312.94	
RW-8	09/19/19	3362.52	68.34	ND	48.52	ND	NA	NA	NA	3314.00	
RW-8	09/26/19	3362.52	68.34	49.88	50.10	0.22	NA	3.00	22.00	3312.61	
RW-8	10/16/19	3362.52	68.34	49.48	49.51	0.03	NA	sheen	10.00	3313.04	
RW-8	10/23/19	3362.52	68.34	49.45	49.50	0.05	NA	2.00	23.00	3313.06	
RW-8	10/31/19	3362.52	68.34	49.55	49.62	0.07	NA	sheen	10.00	3312.96	
RW-8	11/05/19	3362.52	68.34	49.42	49.44	0.02	NA	NA	NA	3313.10	
RW-8	11/14/19	3362.52	68.34	49.58	49.60	0.02	NA	sheen	10.00	3312.94	
RW-8	11/26/19	3362.52	68.34	49.38	49.41	0.03	NA	sheen	10.00	3313.14	
RW-8	12/03/19	3362.52	68.34	49.39	49.40	0.01	NA	sheen	10.00	3313.13	
RW-8	12/13/19	3362.52	68.34	49.35	49.40	0.05	NA	NA	NA	3313.16	MDPE
RW-8	12/20/19	3362.52	68.34	ND	49.42	ND	NA	3.00	22.00	3313.10	
RW-8	12/26/19	3362.52	68.34	ND	49.40	ND	NA	2.00	23.00	3313.12	0.24
RW-8	01/02/20	3362.52	68.34	49.45	49.47	0.02	NA	sheen	10.00	3313.07	
RW-8	01/09/20	3362.52	68.34	ND	49.35	ND	NA	NA	NA	3313.17	

TABLE 2
2018-2020 Historical Well Survey Data and Groundwater Elevations
2018-2020
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-8	01/14/20	3362.52	68.34	ND	49.37	ND	NA	NA	10.00	3313.15	
RW-8	01/31/20	3362.52	68.34	sheen	49.32	sheen	NA	sheen	10.00	3313.20	
RW-8	02/07/20	3362.52	68.34	sheen	49.32	sheen	NA	sheen	10.00	3313.20	
RW-8	02/12/20	3362.52	68.34	sheen	49.28	sheen	NA	sheen	10.00	3313.24	
RW-8	02/19/20	3362.52	68.34	49.32	49.35	0.03	NA	sheen	10.00	3313.20	
RW-8	02/26/20	3362.52	68.34	49.37	49.41	0.04	NA	sheen	10.00	3313.14	
RW-8	03/05/20	3362.52	68.34	49.37	49.41	0.04	NA	sheen	10.00	3313.14	
RW-8	03/11/20	3362.52	68.34	49.33	49.35	0.02	NA	sheen	10.00	3313.19	
RW-8	03/17/20	3362.52	68.34	49.23	49.24	0.01	NA	sheen	10.00	3313.29	
RW-8	03/23/20	3362.52	68.34	49.24	49.26	0.02	NA	sheen	10.00	3313.28	
RW-8	05/07/20	3362.52	68.34	49.20	49.24	0.04	NA	NA	NA	3313.31	guage only
RW-8	05/20/20	3362.52	68.34	49.13	49.20	0.07	NA	0.25	9.75	3313.38	
RW-8	06/03/20	3362.52	68.34	49.11	49.17	0.06	NA	0.25	9.75	3313.40	
RW-8	06/16/20	3362.52	68.34	sheen	49.20	sheen	NA	sheen	10.00	3313.32	
RW-8	07/14/20	3362.52	68.34	49.12	49.21	0.09	NA	0.25	9.75	3313.39	
RW-8	08/18/20	3362.52	68.34	49.13	49.30	0.17	NA	0.50	9.50	3313.36	
RW-8	09/16/20	3362.52	68.34	48.15	48.22	0.07	NA	0.25	9.75	3314.36	
RW-8	10/08/20	3362.52	68.34	49.21	49.22	0.01	NA	sheen	10.00	3313.31	
RW-8	11/20/20	3362.52	68.34	49.13	49.28	0.15	NA	0.25	9.75	3313.37	
RW-8	12/04/20	3362.52	68.34	49.10	50.19	1.09	NA	3.50	21.50	3313.26	
RW-8	12/22/20	3362.52	68.34	49.18	50.00	0.82	NA	2.00	23.00	3313.22	

Wells re-surveyed in November 2006, RW-2 used as bench mark (3362.00 ft)

NA: Not applicable
ND: Not detected
NG: Not gauged
* Possible error in field reading, corrected and noted as such in field notes

TABLE 3
2019-2020 Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-1	02/12/19	L1069996-01	<0.001	<0.001	<0.001	<0.003
MW-1	05/08/19	L1097774-01	<0.001	0.00486	<0.001	<0.003
MW-1	08/22/19	L1132369-01	<0.001	<0.001	<0.001	<0.003
MW-1	11/06/19	L1158995-01	<0.001	<0.001	<0.001	<0.003
MW-1	03/18/20	L1201828-01	<0.001	<0.001	<0.001	<0.003
MW-1	06/17/20	L1231256-01	<0.001	<0.001	<0.001	<0.003
MW-1	09/16/20	L1263780-01	<0.001	<0.001	<0.001	<0.003
MW-1	12/23/20	L1300493-01	<0.001	<0.001	<0.001	<0.003
MW-2	02/12/19	L1069996-02	<0.001	<0.001	<0.001	<0.003
MW-2	05/08/19	L1097774-02	<0.001	0.00488	<0.001	<0.003
MW-2	08/22/19	L1132369-02	<0.001	<0.001	<0.001	<0.003
MW-2	11/06/19	L1158995-02	<0.001	<0.001	<0.001	<0.003
MW-2	03/18/20	L1201828-02	<0.001	<0.001	<0.001	<0.003
MW-2	06/17/20	L1231256-02	<0.001	<0.001	<0.001	<0.003
MW-2	09/16/20	L1263780-02	<0.001	<0.001	<0.001	<0.003
MW-2	12/23/20	L1300493-02	<0.001	<0.001	<0.001	<0.003
MW-3	02/12/19	L1069996-03	<0.001	<0.001	<0.001	<0.003
MW-3	05/08/19	L1097774-03	<0.001	<0.001	<0.001	<0.003
MW-3	08/22/19	L1132369-03	<0.001	<0.001	<0.001	<0.003
MW-3	11/06/19	L1158995-03	<0.001	<0.001	<0.001	<0.003
MW-3	03/18/20	L1201828-03	<0.001	<0.001	<0.001	<0.003
MW-3	06/17/20	L1231256-03	<0.001	<0.001	<0.001	<0.003
MW-3	09/16/20	L1263780-03	<0.001	<0.001	<0.001	<0.003
MW-3	12/23/20	L1300493-03	<0.001	<0.001	<0.001	<0.003
MW-4	02/12/19	L1069996-04	<0.001	<0.001	<0.001	<0.003
MW-4	05/08/19	L1097774-04	<0.001	0.00479	<0.001	<0.003
MW-4	08/22/19	L1132369-04	<0.001	<0.001	<0.001	<0.003
MW-4	11/06/19	L1158995-04	<0.001	<0.001	<0.001	<0.003
MW-4	03/18/20	L1201828-04	<0.001	<0.001	<0.001	<0.003
MW-4	06/17/20	L1231256-04	<0.001	<0.001	<0.001	<0.003
MW-4	09/16/20	L1263780-04	<0.001	<0.001	<0.001	<0.003
MW-4	12/23/20	L1300493-04	<0.001	<0.001	<0.001	<0.003
MW-5	02/12/19	L1069996-05	<0.001	<0.001	<0.001	<0.003
MW-5	05/08/19	L1097774-05	<0.001	<0.001	<0.001	<0.003
MW-5	08/22/19	L1132369-05	<0.001	<0.001	<0.001	<0.003
MW-5	03/18/20	L1201828-05	<0.001	<0.001	<0.001	<0.003
MW-5	11/06/19	L1158995-05	<0.001	<0.001	<0.001	<0.003
MW-5	03/18/20	L1201828-05	<0.001	<0.001	<0.001	<0.003
MW-5	06/17/20	L1231256-05	<0.001	<0.001	<0.001	<0.003
MW-5	09/16/20	L1263780-05	<0.001	<0.001	<0.001	<0.003
MW-5	12/23/20	L1300493-05	<0.001	<0.001	<0.001	<0.003

TABLE 3
2019-2020 Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-6	02/12/19	L1069996-06	<0.001	<0.001	<0.001	<0.003
MW-6	05/08/19	L1097774-06	<0.001	<0.001	<0.001	<0.003
MW-6	08/22/19	L1132369-06	<0.001	<0.001	<0.001	<0.003
MW-6	11/06/19	L1158995-06	<0.001	<0.001	<0.001	<0.003
MW-6	03/18/20	L1201828-06	<0.001	<0.001	<0.001	<0.003
MW-6	09/16/20	L1263780-06	<0.001	<0.001	<0.001	<0.003
MW-6	06/17/20	L1231256-06	<0.001	<0.001	<0.001	<0.003
MW-6	12/23/20	L1300493-06	<0.001	<0.001	<0.001	<0.003

TABLE 3
2019-2020 Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-7	02/12/19	L1069996-07	<0.001	<0.001	<0.001	<0.003
MW-7	05/08/19	L1097774-07	<0.001	0.00461	<0.001	<0.003
MW-7	08/22/19	L1132369-07	<0.001	<0.001	<0.001	<0.003
MW-7	11/06/19	L1158995-07	<0.001	<0.001	<0.001	<0.003
MW-7	03/18/20	L1201828-07	<0.001	<0.001	<0.001	<0.003
MW-7	06/17/20	L1231256-07	<0.001	<0.001	<0.001	<0.003
MW-7	09/16/20	L1263780-07	<0.001	<0.001	<0.001	<0.003
MW-7	12/23/20	L1300493-07	<0.001	<0.001	<0.001	<0.003
RW-1	02/12/19	NS	NS	NS	NS	NS
RW-1	05/08/19	L1097774-08	**0.0110**	<0.005	0.109	0.162
RW-1	08/22/19	NS	NS	NS	NS	NS
RW-1	11/06/19	L1158995-08	<0.005	<0.005	0.0245	0.0928
RW-1	03/18/20	L1201828-08	0.00355	0.00100	0.0275	0.0522
RW-1	06/17/20	L1231256-08	0.00794	<0.001	0.0515	0.0847
RW-1	09/16/20	L1263780-08	0.00145	<0.001	0.0231	0.0289
RW-1	12/23/20	L1300493-08	0.00113	<0.001	0.00399	0.00512
RW-2	02/12/19	NS	NS	NS	NS	NS
RW-2	05/08/19	L1097774-09	**0.0438**	0.0380	0.174	0.441
RW-2	08/22/19	NS	NS	NS	NS	NS
RW-2	11/06/19	NS	NS	NS	NS	NS
RW-2	03/18/20	NS	NS	NS	NS	NS
RW-2	06/17/20	L1231256-09	0.00404	0.0041	0.0158	0.0641
RW-2	09/16/20	NS	NS	NS	NS	NS
RW-2	12/23/20	NS	NS	NS	NS	NS

TABLE 3
2019-2020 Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
RW-3	02/12/19	NS	NS	NS	NS	NS
RW-3	05/08/19	L1097774-10	<0.005	0.00685	0.142	0.373
RW-3	08/22/19	NS	NS	NS	NS	NS
RW-3	11/06/19	NS	NS	NS	NS	NS
RW-3	03/18/20	NS	NS	NS	NS	NS
RW-3	06/17/20	L1231256-10	<0.001	<0.001	0.00789	0.0179
RW-3	09/16/20	L1263780-09	<0.001	<0.001	0.0137	0.0317
RW-3	12/23/20	NS	NS	NS	NS	NS
RW-4	02/12/19	L1069996-08	<0.001	<0.001	<0.001	<0.003
RW-4	05/08/19	L1097774-15	<0.001	<0.001	<0.001	<0.003
RW-4	08/22/19	L1132369-08	<0.001	<0.001	<0.001	<0.003
RW-4	11/06/19	L1158995-09	<0.001	<0.001	<0.001	<0.003
RW-4	03/18/20	L1201828-09	<0.001	<0.001	<0.001	<0.003
RW-4	06/17/20	L1231256-11	<0.001	<0.001	<0.001	<0.003
RW-4	09/16/20	L1263780-10	<0.001	<0.001	<0.001	<0.003
RW-4	12/23/20	L1300493-09	<0.001	<0.001	<0.001	<0.003
RW-5	02/12/19	L1069996-09	<0.001	<0.001	<0.001	<0.003
RW-5	05/08/19	L1097774-11	<0.001	<0.001	<0.001	<0.003
RW-5	08/22/19	L1132369-09	<0.001	<0.001	<0.001	<0.003
RW-5	11/06/19	L1158995-10	<0.001	<0.001	<0.001	<0.003
RW-5	03/18/20	L1201828-10	<0.001	<0.001	<0.001	<0.003
RW-5	06/17/20	L1231256-12	<0.001	<0.001	<0.001	<0.003
RW-5	09/16/20	L1263780-11	<0.001	<0.001	<0.001	<0.003
RW-5	12/23/20	L1300493-10	<0.001	<0.001	<0.001	<0.003

TABLE 3
2019-2020 Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
RW-6	02/12/19	L1069996-10	<0.001	<0.001	<0.001	<0.003
RW-6	05/08/19	L1097774-12	<0.001	<0.001	<0.001	<0.003
RW-6	08/22/19	L1132369-10	<0.001	<0.001	<0.001	<0.003
RW-6	11/06/19	L1158995-11	<0.001	<0.001	<0.001	<0.003
RW-6	03/18/20	L1158995-11	<0.001	<0.001	<0.001	<0.003
RW-6	06/17/20	L1231256-13	<0.001	<0.001	<0.001	<0.003
RW-6	09/16/20	L1263780-12	<0.001	<0.001	<0.001	<0.003
RW-6	12/23/20	L1300493-11	<0.001	<0.001	<0.001	<0.003
RW-7	02/12/19	L1069996-11	0.00105	<0.001	0.00771	<0.003
RW-7	05/08/19	L1097774-13	<0.001	<0.001	0.00363	<0.003
RW-7	08/22/19	L1132369-11	<0.001	<0.001	0.00122	<0.003
RW-7	11/06/19	L1158995-12	<0.001	<0.001	<0.001	<0.003
RW-7	03/18/20	L1201828-11	<0.001	<0.001	<0.001	<0.003
RW-7	06/17/20	L1231256-14	0.0015	<0.001	0.00556	<0.003
RW-7	09/16/20	L1263780-13	0.0015	<0.001	<0.001	<0.003
RW-7	12/23/20	L1300493-12	<0.001	<0.001	0.00355	<0.003
RW-8	02/12/19	NS	NS	NS	NS	NS
RW-8	05/08/19	L1097774-14	**0.0624**	0.00759	0.126	0.247
RW-8	08/22/19	NS	NS	NS	NS	NS
RW-8	11/06/19	NS	NS	NS	NS	NS
RW-8	03/18/20	NS	NS	NS	NS	NS
RW-8	06/17/20	L1231256-15	**0.0424**	<0.005	0.115	0.258
RW-8	09/16/20	NS	NS	NS	NS	NS
RW-8	09/16/20	NS	NS	NS	NS	NS

NS - not sampled

NMOCD: New Mexico Oil Conservation Division

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

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			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	03/29/06	T13036-1	**0.557**	0.0032	0.0133	0.0092	
MW-1	06/10/06	T13862-1	**0.639** [a]	<0.00036	0.0033	0.0015 J	
MW-1	09/12/06	T14676-1	**0.512** [a]	<0.00020	<0.00033	<0.00036	
MW-1	12/06/06	T15618-1	**0.452** [a]	<0.00020	0.0049	<0.00036	
MW-1	02/28/07	T16494-1	**0.481** [a]	<0.00020	0.0191	<0.00036	
MW-1	05/30/07	T17645-1	**0.213** [a]	<0.00023	0.0043	<0.00055	
MW-1	09/06/07	T18811-1	**0.066**	<0.00023	0.006	<0.00055	
MW-1	11/13/07	T19737-1	**0.0955** [c]	<0.001	0.0091	<0.003	
MW-1	02/26/08	T21028-1	**0.0156**	<0.00023	0.00069 J	<0.00055	
MW-1	05/28/08	T22367-1	**0.031**	<0.00023	0.0022	<0.00055	
MW-1	08/18/08	T23538-1	0.001	<0.0005	<0.0005	<0.001	
MW-1	11/19/08	8112008	**0.0209**	0.00120	0.00330	<0.00100	
MW-1	02/17/09	187728	0.0027	<0.001	<0.001	<0.001	
MW-1	05/19/09	196550	0.0004 J	<0.000281	<0.000535	<0.000960	
MW-1	08/26/09	208325	<0.000133	<0.000281	<0.000535	<0.000960	
MW-1	11/18/09	215413	**0.223**	<0.00332	0.0617	<0.00143	
MW-1	02/11/10	222481	**0.0769**	<0.0004	0.0042	<0.000379	
MW-1	05/12/10	1005475-01	<0.0010	<0.0010	<0.0010	<0.0030	
MW-1	08/26/10	1008909-01	**0.017**	<0.0010	<0.0010	<0.0030	
MW-1	11/18/10	1011749-01	0.0077	<0.0010	<0.0010	<0.0030	
MW-1	02/23/11	1102701-04	**0.025**	<0.0010	<0.0010	<0.0030	
MW-1	06/01/11	1106050-01	0.0004 J	<0.0010	<0.0010	<0.0030	
MW-1	08/30/11	11081008-01	<0.001	<0.0010	<0.0010	<0.0030	
MW-1	11/28/11	1111901-01	<0.001	<0.0010	<0.0010	<0.0030	
MW-1	02/22/12	1202864-01	0.0010	<0.0010	<0.0010	<0.0030	
MW-1	05/22/12	12051078-01	<0.001	<0.0010	<0.0010	<0.0030	
MW-1	09/11/12	1209475-01	<0.001	<0.001	<0.001	<0.003	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			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	11/26/12	1211904-01	<0.001	<0.001	<0.001	<0.003	
MW-1	02/27/13	L622455-01	<0.001	<0.005	<0.001	<0.003	
MW-1	06/11/13	L641163-01	<0.001	<0.005	<0.001	<0.003	
MW-1	09/10/13	L656835-01	<0.001	<0.005	<0.001	<0.003	
MW-1	11/07/13	L667856-01	0.00046 J	<0.005	<0.001	<0.003	
MW-1	03/05/14	L686955-01	<0.001	<0.005	<0.001	<0.003	
MW-1	06/03/14	L703477-01	<0.001	<0.005	<0.001	<0.003	
MW-1	09/17/14	L722791-01	<0.001	<0.005	<0.001	<0.003	
MW-1	11/12/14	L733897-01	<0.001	<0.005	<0.001	<0.003	
MW-1	02/25/15	L750722-01	<0.001	<0.005	<0.001	<0.003	
MW-1	06/16/15	L772255-01	<0.001	<0.005	<0.001	<0.003	
MW-1	08/26/15	L785959-01	<0.001	<0.005	<0.001	<0.003	
MW-1	11/17/15	L802523-01	<0.001	<0.005	<0.001	<0.003	
MW-1	03/08/16	L822589-01	<0.001	<0.005	<0.001	<0.003	
MW-1	05/17/16	L836879-01	<0.001	<0.005	<0.001	<0.003	
MW-1	09/19/16	L860929-01	<0.001	<0.005	<0.001	<0.003	
MW-1	12/14/16	L879216-01	<0.001	<0.001	<0.001	<0.003	
MW-1	02/28/17	L893439-01	<0.001	<0.001	<0.001	<0.003	
MW-1	05/08/17	L908717-01	<0.001	<0.001	<0.001	<0.003	
MW-1	09/15/17	L936891-01	<0.001	<0.001	<0.001	<0.003	
MW-1	11/29/17	L954383-01	<0.001	<0.001	<0.001	<0.003	
MW-1	03/07/18	L976397-01	<0.001	<0.001	<0.001	<0.003	
MW-1	06/12/18	L1001691-01	<0.001	<0.001	<0.001	<0.003	
MW-1	09/05/18	L1023536-01	<0.001	<0.001	<0.001	<0.003	
MW-1	11/28/18	L1048614-01	<0.001	<0.001	<0.001	<0.003	
MW-1	02/12/19	L1069996-01	<0.001	<0.001	<0.001	<0.003	
MW-1	05/08/19	L1097774-01	<0.001	0.00486	<0.001	<0.003	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			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	08/22/19	L1132369-01	<0.001	<0.001	<0.001	<0.003	
MW-1	11/06/19	L1158995-01	<0.001	<0.001	<0.001	<0.003	
MW-1	03/18/20	L1201828	<0.001	<0.001	<0.001	<0.003	
MW-1	06/17/20	L1231256-01	<0.001	<0.001	<0.001	<0.003	
MW-1	09/16/20	L1263780-01	<0.001	<0.001	<0.001	<0.003	
MW-1	12/23/20	L1300493-01	<0.001	<0.001	<0.001	<0.003	
MW-2	03/29/06	T 13036-2	0.0012	0.0011	0.00042	<0.00072	
MW-2	06/10/06	T13862-2	0.00038 J	<0.00036	<0.00035	<0.00072	
MW-2	09/12/06	T14676-2	<0.00035	<0.00020	<0.00033	<0.00036	
MW-2	12/06/06	T15618-2	0.0012	0.00087 J	<0.00033	<0.00036	
MW-2	02/28/07	T16494-2	0.0044	0.0017	<0.00033	<0.00036	
MW-2	05/30/07	T17645-2	0.00065 J	<0.00023	<0.00035	<0.00055	
MW-2	09/06/07	T18811-2	<0.00021	<0.00023	<0.00035	<0.00055	
MW-2	11/13/07	T19737-2	<0.001	<0.001	<0.001	<0.003	
MW-2	02/26/08	T21028-2	<0.00021	<0.00023	<0.00035	<0.00055	
MW-2	05/28/08	T22367-2	<0.00021	<0.00023	<0.00035	<0.00055	
MW-2	08/18/08	T23538-2	0.00065 J	<0.0005	<0.0005	<0.001	
MW-2	11/19/08	8112008	<0.00100	<0.00100	<0.00100	<0.00100	
MW-2	02/17/09	187729	<0.00100	<0.00100	<0.00100	<0.00100	
MW-2	05/19/09	196551	<0.000133	<0.000281	<0.000535	0.0018	
MW-2	08/26/09	208326	<0.000149	<0.000188	<0.000178	<0.000163	
MW-2	11/18/09	215414	<0.000160	<0.000332	<0.000230	<0.000143	
MW-2	02/11/10	222482	<0.000371	<0.0004	<0.00043	<0.000379	
MW-2	05/12/10	1005475-02	<0.001	<0.001	<0.001	<0.003	
MW-2	08/26/10	1008909-02	<0.001	<0.001	<0.001	<0.003	
MW-2	11/18/10	1011749-02	<0.001	<0.001	<0.001	<0.003	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	
			NMOCD Remediation Criteria				
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L	
MW-2	02/23/11	1102701-05	<0.001	<0.001	<0.001	<0.003	
MW-2	06/01/11	1106050-02	<0.001	<0.001	<0.001	<0.003	
MW-2	08/30/11	11081008-02	<0.001	<0.001	<0.001	<0.003	
MW-2	11/28/11	1111901-02	<0.001	<0.001	<0.001	<0.003	
MW-2	02/22/12	1202864-02	<0.001	<0.001	<0.001	<0.003	
MW-2	05/22/12	12051078-02	<0.001	<0.001	<0.001	<0.003	
MW-2	09/11/12	1209475-02	<0.001	<0.001	<0.001	<0.003	
MW-2	11/26/12	1211904-02	<0.001	<0.001	<0.001	<0.003	
MW-2	02/27/13	L622455-02	<0.001	<0.005	<0.001	<0.003	
MW-2	06/11/13	L641163-02	<0.001	<0.005	<0.001	<0.003	
MW-2	09/10/13	L656835-02	<0.001	<0.005	<0.001	<0.003	
MW-2	11/07/13	L667856-02	<0.001	<0.005	<0.001	<0.003	
MW-2	03/05/14	L686955-02	<0.001	<0.005	<0.001	<0.003	
MW-2	06/03/14	L703477-02	<0.001	<0.005	<0.001	<0.003	
MW-2	09/17/14	L722791-02	<0.001	<0.005	<0.001	<0.003	
MW-2	11/12/14	L733897-02	<0.001	<0.005	<0.001	<0.003	
MW-2	02/25/15	L750722-02	<0.001	<0.005	<0.001	<0.003	
MW-2	06/16/15	L772255-02	<0.001	<0.005	<0.001	<0.003	
MW-2	08/26/15	L785959-02	<0.001	<0.005	<0.001	<0.003	
MW-2	11/17/15	L802523-02	<0.001	<0.005	<0.001	<0.003	
MW-2	03/08/16	L822589-02	<0.001	<0.005	<0.001	<0.003	
MW-2	05/17/16	L836879-02	<0.001	<0.005	<0.001	<0.003	
MW-2	09/19/16	L860929-02	<0.001	<0.005	<0.001	<0.003	
MW-2	12/14/16	L879216-02	<0.001	<0.001	<0.001	<0.003	
MW-2	02/28/17	L893439-02	<0.001	<0.001	<0.001	<0.003	
MW-2	05/08/17	L908717-02	<0.001	<0.001	<0.001	<0.003	
MW-2	09/15/17	L936891-02	<0.001	<0.001	<0.001	<0.003	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	
			NMOCD Remediation Criteria				
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L	
MW-2	11/29/17	L954383-02	<0.001	<0.001	<0.001	<0.003	
MW-2	03/07/18	L976397-02	<0.001	<0.001	<0.001	<0.003	
MW-2	06/12/18	L1001691-02	<0.001	<0.001	<0.001	<0.003	
MW-2	09/05/18	L1023536-02	<0.001	<0.001	<0.001	<0.003	
MW-2	11/28/18	L1048614-02	<0.001	<0.001	<0.001	<0.003	
MW-2	02/12/19	L1069996-02	<0.001	<0.001	<0.001	<0.003	
MW-2	05/08/19	L1097774-02	<0.001	0.00488	<0.001	<0.003	
MW-2	08/22/19	L1132369-02	<0.001	<0.001	<0.001	<0.003	
MW-2	11/06/19	L1158995-02	<0.001	<0.001	<0.001	<0.003	
MW-2	03/18/20	L1201828-02	<0.001	<0.001	<0.001	<0.003	
MW-2	06/17/20	L1231256-02	<0.001	<0.001	<0.001	<0.003	
MW-2	09/16/20	L1263780-02	<0.001	<0.001	<0.001	<0.003	
MW-2	12/23/20	L1300493-02	<0.001	<0.001	<0.001	<0.003	
MW-3	03/29/06	T 13036-3	**0.0129**	0.0089	0.0021	0.0038	
MW-3	06/10/06	T13862-3	0.0075	0.0043	0.00071 J	0.002	
MW-3	09/12/06	T14676-3	0.0023	<0.00020	<0.00033	<0.00036	
MW-3	12/06/06	T15618-3	0.0021	0.00077 J	<0.00033	<0.00036	
MW-3	02/28/07	T16494-3	0.0078	0.0026	0.00061	0.0024 J	
MW-3	05/30/07	T17645-3	<0.00021	<0.00023	<0.00035	<0.00055	
MW-3	09/06/07	T18811-3	<0.00021	<0.00023	<0.00035	<0.00055	
MW-3	11/13/07	T19737-3	<0.001	<0.001	<0.001	<0.003	
MW-3	02/26/08	T21028-3	<0.00021	<0.00023	<0.00035	<0.00055	
MW-3	05/28/08	T22367-3	<0.00021	<0.00023	<0.00035	<0.00055	
MW-3	08/18/08	T23538-3	0.0019	<0.0005	<0.0005	<0.0005	
MW-3	11/19/08	8112008	<0.00100	<0.00100	<0.00100	<0.00100	
MW-3	02/17/09	187730	<0.00100	<0.00100	<0.00100	<0.00100	

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Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	
			NMOCD Remediation Criteria				
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L	
MW-3	05/19/09	196552	0.0011	<0.000281	<0.000535	<0.000960	
MW-3	08/26/09	208327	<0.000149	<0.000188	<0.000178	<0.000163	
MW-3	11/18/09	215415	<0.000160	<0.000332	<0.000230	<0.000143	
MW-3	02/11/10	222483	<0.000371	<0.0004	<0.00043	<0.000379	
MW-3	08/26/10	1008909-03	<0.001	<0.001	<0.001	<0.003	
MW-3	11/18/10	1011749-03	<0.001	<0.001	<0.001	<0.003	
MW-3	02/23/11	1102701-06	<0.001	<0.001	<0.001	<0.003	
MW-3	06/01/11	1106050-03	<0.001	<0.001	<0.001	<0.003	
MW-3	08/30/11	11081008-03	<0.001	<0.001	<0.001	<0.003	
MW-3	11/28/11	1111901-03	<0.001	<0.001	<0.001	<0.003	
MW-3	02/22/12	1202864-03	<0.001	<0.001	<0.001	<0.003	
MW-3	05/22/12	12051078-03	<0.001	<0.001	<0.001	<0.003	
MW-3	09/11/12	1209475-03	<0.001	<0.001	<0.001	<0.003	
MW-3	11/26/12	1211904-02	<0.001	<0.001	<0.001	<0.003	
MW-3	02/27/13	L622455-03	<0.001	<0.005	<0.001	<0.003	
MW-3	06/11/13	L641163-03	<0.001	<0.005	<0.001	<0.003	
MW-3	09/10/13	L656835-03	<0.001	<0.005	<0.001	<0.003	
MW-3	11/07/13	L667856-03	<0.001	<0.005	<0.001	<0.003	
MW-3	03/05/14	L686955-03	<0.001	<0.005	<0.001	<0.003	
MW-3	06/03/14	L703477-03	<0.001	<0.005	<0.001	<0.003	
MW-3	09/17/14	L722791-03	<0.001	<0.005	<0.001	<0.003	
MW-3	11/12/14	L733897-03	<0.001	<0.005	<0.001	<0.003	
MW-3	02/25/15	L750722-03	<0.001	<0.005	<0.001	<0.003	
MW-3	06/16/15	L772255-03	<0.001	<0.005	<0.001	<0.003	
MW-3	08/26/15	L785959-03	<0.001	<0.005	<0.001	<0.003	
MW-3	11/17/15	L802523-03	<0.001	<0.005	<0.001	<0.003	
MW-3	03/08/16	L822589-03	<0.001	<0.005	<0.001	<0.003	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	
			NMOCD Remediation Criteria				
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L	
MW-3	05/17/16	L836879-03	<0.001	<0.005	<0.001	<0.003	
MW-3	09/19/16	L860929-03	<0.001	<0.005	<0.001	<0.003	
MW-3	12/14/16	L879216-03	<0.001	<0.001	<0.001	<0.003	
MW-3	02/28/17	L893439-03	<0.001	<0.001	<0.001	<0.003	
MW-3	05/08/17	L908717-03	<0.001	<0.001	<0.001	<0.003	
MW-3	09/15/17	L936891-03	<0.001	<0.001	<0.001	<0.003	
MW-3	11/29/17	L954383-03	<0.001	<0.001	<0.001	<0.003	
MW-3	03/07/18	L976397-03	<0.001	<0.001	<0.001	<0.003	
MW-3	06/12/18	L1001691-03	<0.001	<0.001	<0.001	<0.003	
MW-3	09/05/18	L1023536-03	<0.001	<0.001	<0.001	<0.003	
MW-3	11/28/18	L1048614-03	<0.001	<0.001	<0.001	<0.003	
MW-3	02/12/19	L1069996-03	<0.001	<0.001	<0.001	<0.003	
MW-3	05/08/19	L1097774-03	<0.001	<0.001	<0.001	<0.003	
MW-3	08/22/19	L1132369-03	<0.001	<0.001	<0.001	<0.003	
MW-3	11/06/19	L1158995-03	<0.001	<0.001	<0.001	<0.003	
MW-3	03/18/20	L1201828-03	<0.001	<0.001	<0.001	<0.003	
MW-3	06/17/20	L1231256-03	<0.001	<0.001	<0.001	<0.003	
MW-3	09/16/20	L1263780-03	<0.001	<0.001	<0.001	<0.003	
MW-3	12/23/20	L1300493-03	<0.001	<0.001	<0.001	<0.003	
MW-4	12/06/06	T15618-4	<0.00035	<0.00020	<0.00033	<0.00036	
MW-4	02/28/07	T16494-4	<0.00035	<0.00020	<0.00033	<0.00036	
MW-4	05/30/07	T17645-4	<0.00021	<0.00023	<0.00035	<0.00055	
MW-4	09/06/07	T18811-4	<0.00021	<0.00023	<0.00035	<0.00055	
MW-4	11/13/07	T19737-4	<0.001	<0.001	<0.001	<0.003	
MW-4	02/26/08	T21028-4	0.00086 J	<0.00023	<0.00035	<0.00055	
MW-4	05/28/08	T22367-4	<0.00021	<0.00023	<0.00035	<0.00055	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	
			NMOCD Remediation Criteria				
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L	
MW-4	08/18/08	T23538-4	<0.0005	<0.0005	<0.0005	<0.001	
MW-4	11/19/08	8112008	<0.00100	<0.00100	<0.00100	<0.00100	
MW-4	02/17/09	187731	<0.00100	<0.00100	<0.00100	<0.00100	
MW-4	05/19/09	196553	<0.000133	<0.000281	<0.000535	<0.000960	
MW-4	08/26/09	208328	<0.000149	<0.000188	<0.000178	<0.000163	
MW-4	11/18/09	215416	<0.000160	<0.000332	<0.000230	<0.000143	
MW-4	02/11/10	222484	<0.000371	<0.0004	<0.00043	<0.000379	
MW-4	05/12/10	1005475-04	<0.001	<0.001	<0.001	<0.003	
MW-4	08/26/10	1008909-04	<0.001	<0.001	<0.001	<0.003	
MW-4	11/18/10	1011749-04	<0.001	<0.001	<0.001	<0.003	
MW-4	02/23/11	1102701-07	<0.001	<0.001	<0.001	<0.003	
MW-4	06/01/11	1106050-04	<0.001	<0.001	<0.001	<0.003	
MW-4	08/30/11	11081008-04	<0.001	<0.001	<0.001	<0.003	
MW-4	11/28/11	1111901-04	<0.001	<0.001	<0.001	<0.003	
MW-4	02/22/12	1202864-04	<0.001	<0.001	<0.001	<0.003	
MW-4	05/22/12	12051078-04	<0.001	<0.001	<0.001	<0.003	
MW-4	09/11/12	1209475-04	<0.001	<0.001	<0.001	<0.003	
MW-4	11/26/12	1211904-04	<0.001	<0.001	<0.001	<0.003	
MW-4	02/27/13	L622455-04	<0.001	<0.005	<0.001	<0.003	
MW-4	06/11/13	L641163-04	<0.001	<0.005	<0.001	<0.003	
MW-4	09/10/13	L656835-04	<0.001	<0.005	<0.001	<0.003	
MW-4	11/07/13	L667856-04	<0.001	<0.005	<0.001	<0.003	
MW-4	03/05/14	L686955-04	<0.001	<0.005	<0.001	<0.003	
MW-4	06/03/14	L703477-04	<0.001	<0.005	<0.001	<0.003	
MW-4	09/17/14	L722791-04	<0.001	<0.005	<0.001	<0.003	
MW-4	11/12/14	L733897-04	<0.001	<0.005	<0.001	<0.003	
MW-4	02/25/15	L750722-04	<0.001	<0.005	<0.001	<0.003	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	
			NMOCD Remediation Criteria				
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L	
MW-4	06/16/15	L772255-04	<0.001	<0.005	<0.001	<0.003	
MW-4	08/26/15	L785959-04	<0.001	<0.005	<0.001	<0.003	
MW-4	11/17/15	L802523-04	<0.001	<0.005	<0.001	<0.003	
MW-4	03/08/16	L822589-04	<0.001	<0.005	<0.001	<0.003	
MW-4	05/17/16	L836879-04	<0.001	<0.005	<0.001	<0.003	
MW-4	09/19/16	L860929-04	<0.001	<0.005	<0.001	<0.003	
MW-4	12/14/16	L879216-04	<0.001	<0.001	<0.001	<0.003	
MW-4	02/28/17	L893439-04	<0.001	<0.001	<0.001	<0.003	
MW-4	05/08/17	L908717-04	<0.001	<0.001	<0.001	<0.003	
MW-4	09/15/17	L936891-04	<0.001	<0.001	<0.001	<0.003	
MW-4	11/29/17	L954383-04	<0.001	<0.001	<0.001	<0.003	
MW-4	03/07/18	L976397-04	<0.001	<0.001	<0.001	<0.003	
MW-4	06/12/18	L1001691-04	<0.001	<0.001	<0.001	<0.003	
MW-4	09/05/18	L1023536-04	<0.001	<0.001	<0.001	<0.003	
MW-4	11/28/18	L1048614-04	<0.001	<0.001	<0.001	<0.003	
MW-4	02/12/19	L1069996-04	<0.001	<0.001	<0.001	<0.003	
MW-4	05/08/19	L1097774-04	<0.001	0.00479	<0.001	<0.003	
MW-4	08/22/19	L1132369-04	<0.001	<0.001	<0.001	<0.003	
MW-4	11/06/19	L1158995-04	<0.001	<0.001	<0.001	<0.003	
MW-4	03/18/20	L1201828-04	<0.001	<0.001	<0.001	<0.003	
MW-4	06/17/20	L1231256-04	<0.001	<0.001	<0.001	<0.003	
MW-4	09/16/20	L1263780-04	<0.001	<0.001	<0.001	<0.003	
MW-4	12/23/20	L1300493-04	<0.001	<0.001	<0.001	<0.003	
MW-5	12/06/06	T15618-5	0.00055 J	<0.00020	<0.00033	<0.00036	
MW-5	02/28/07	T16494-5	<0.00035	<0.00020	<0.00033	<0.00036	
MW-5	05/30/07	T17645-5	<0.00021	<0.00023	<0.00035	<0.00055	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	
			NMOCD Remediation Criteria				
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L	
MW-5	09/06/07	T18811-5	<0.00021	<0.00023	<0.00035	<0.00055	
MW-5	11/13/07	T19737-5	<0.001	<0.001	<0.001	<0.003	
MW-5	02/26/08	T21028-5	<0.00021	<0.00023	<0.00035	<0.00055	
MW-5	05/28/08	T22367-5	<0.00021	<0.00023	<0.00035	<0.00055	
MW-5	08/18/08	T23538-5	<0.0005	<0.0005	<0.0005	<0.001	
MW-5	11/19/08	8112008	<0.00100	<0.00100	<0.00100	<0.00100	
MW-5	02/17/09	187732	<0.00100	<0.00100	<0.00100	<0.00100	
MW-5	05/19/09	196554	<0.000133	<0.000281	<0.000535	<0.000960	
MW-5	08/26/09	208329	<0.000149	<0.000188	<0.000178	<0.000163	
MW-5	11/18/09	215417	<0.000160	<0.000332	<0.000230	<0.000143	
MW-5	02/11/10	222485	<0.000371	<0.0004	<0.00043	<0.000379	
MW-5	05/12/10	1005475-05	<0.001	<0.001	<0.001	<0.003	
MW-5	08/26/10	1008909-05	<0.001	<0.001	<0.001	<0.003	
MW-5	11/18/10	1011749-05	<0.001	<0.001	<0.001	<0.003	
MW-5	02/23/11	1102701-08	<0.001	<0.001	<0.001	<0.003	
MW-5	06/01/11	1106050-05	<0.001	<0.001	<0.001	<0.003	
MW-5	08/30/11	11081008-05	<0.001	<0.001	<0.001	<0.003	
MW-5	11/28/11	1111901-05	<0.001	<0.001	<0.001	<0.003	
MW-5	02/22/12	1202864-05	<0.001	<0.001	<0.001	<0.003	
MW-5	05/22/12	12051078-05	<0.001	<0.001	<0.001	<0.003	
MW-5	09/11/12	1209475-05	<0.001	<0.001	<0.001	<0.003	
MW-5	11/26/12	1211904-05	<0.001	<0.001	<0.001	<0.003	
MW-5	02/27/13	L622455-05	<0.001	<0.005	<0.001	<0.003	
MW-5	06/11/13	L641163-05	<0.001	<0.005	<0.001	<0.003	
MW-5	09/10/13	L656835-05	<0.001	<0.005	<0.001	<0.003	
MW-5	11/07/13	L667856-05	<0.001	<0.005	<0.001	<0.003	
MW-5	03/05/14	L686955-05	<0.001	<0.005	<0.001	<0.003	

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Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	
			NMOCD Remediation Criteria				
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L	
MW-5	06/03/14	L703477-05	<0.001	<0.005	<0.001	<0.003	
MW-5	09/17/14	L722791-05	<0.001	<0.005	0.019	0.0033	
MW-5	11/12/14	L733897-05	<0.001	<0.005	<0.001	<0.003	
MW-5	02/25/15	L750722-05	<0.001	<0.005	<0.001	<0.003	
MW-5	06/16/15	L772255-05	<0.001	<0.005	<0.001	<0.003	
MW-5	08/26/15	L785959-05	<0.001	<0.005	<0.001	<0.003	
MW-5	11/17/15	L802523-05	<0.001	<0.005	<0.001	<0.003	
MW-5	03/08/16	L822589-05	<0.001	<0.005	<0.001	<0.003	
MW-5	05/17/16	L836879-05	<0.001	<0.005	<0.001	<0.003	
MW-5	09/19/16	L860929-05	<0.001	<0.005	<0.001	<0.003	
MW-5	12/14/16	L879216-05	<0.001	<0.001	<0.001	<0.003	
MW-5	02/28/17	L893439-05	<0.001	<0.001	<0.001	<0.003	
MW-5	05/09/17	L908717-05	<0.001	<0.001	<0.001	<0.003	
MW-5	09/15/17	L936891-05	<0.001	<0.001	<0.001	<0.003	
MW-5	11/29/17	L954383-05	<0.001	<0.001	<0.001	<0.003	
MW-5	03/07/18	L976397-05	<0.001	<0.001	<0.001	<0.003	
MW-5	06/12/18	L1001691-05	<0.001	<0.001	<0.001	<0.003	
MW-5	09/05/18	L1023536-05	<0.001	<0.001	<0.001	<0.003	
MW-5	11/28/18	L1048614-05	<0.001	<0.001	<0.001	<0.003	
MW-5	02/12/19	L1069996-05	<0.001	<0.001	<0.001	<0.003	
MW-5	05/08/19	L1097774-05	<0.001	<0.001	<0.001	<0.003	
MW-5	08/22/19	L1132369-05	<0.001	<0.001	<0.001	<0.003	
MW-5	11/06/19	L1158995-05	<0.001	<0.001	<0.001	<0.003	
MW-5	03/18/20	L1201828-05	<0.001	<0.001	<0.001	<0.003	
MW-5	06/17/20	L1231256-05	<0.001	<0.001	<0.001	<0.003	
MW-5	09/16/20	L1263780-05	<0.001	<0.001	<0.001	<0.003	
MW-5	12/23/20	L1300493-05	<0.001	<0.001	<0.001	<0.003	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			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	12/06/06	T15618-6	<0.00035	<0.00020	<0.00033	<0.00036	
MW-6	02/28/07	T16494-6	<0.00035	<0.00020	<0.00033	<0.00036	
MW-6	05/30/07	T17645-6	<0.00021	<0.00023	<0.00035	<0.00055	
MW-6	09/06/07	T18811-6	<0.00021	<0.00023	<0.00035	<0.00055	
MW-6	11/13/07	T19737-6	<0.001	<0.001	<0.001	<0.003	
MW-6	02/26/08	T21028-6	<0.00021	<0.00023	<0.00035	<0.00055	
MW-6	05/28/08	T22367-6	<0.00021	<0.00023	<0.00035	<0.00055	
MW-6	08/18/08	T23538-6	<0.0005	<0.0005	<0.0005	<0.001	
MW-6	11/19/08	8112008	<0.00100	<0.00100	<0.00100	<0.00100	
MW-6	02/17/09	187733	<0.00100	<0.00100	<0.00100	<0.00100	
MW-6	05/19/09	196555	<0.000133	<0.000281	<0.000535	<0.000960	
MW-6	08/26/09	208330	<0.000149	<0.000188	<0.000178	<0.000163	
MW-6	11/18/09	215418	<0.000160	<0.000332	<0.000230	<0.000143	
MW-6	02/11/10	222486	<0.000371	<0.0004	<0.00043	<0.000379	
MW-6	05/12/10	1005475-06	<0.001	<0.001	<0.001	<0.003	
MW-6	08/26/10	1008909-06	<0.001	<0.001	<0.001	<0.003	
MW-6	11/18/10	1011749-06	<0.001	<0.001	<0.001	<0.003	
MW-6	02/23/11	1102701-09	<0.001	<0.001	<0.001	<0.003	
MW-6	06/01/11	1106050-06	<0.001	<0.001	<0.001	<0.003	
MW-6	08/30/11	11081008-06	<0.001	<0.001	<0.001	<0.003	
MW-6	11/28/11	1111901-06	<0.001	<0.001	<0.001	<0.003	
MW-6	02/22/12	1202864-06	<0.001	<0.001	<0.001	<0.003	
MW-6	05/22/12	12051078-06	<0.001	<0.001	<0.001	<0.003	
MW-6	09/11/12	1209475-06	<0.001	<0.001	<0.001	<0.003	
MW-6	11/26/12	1211904-06	<0.001	<0.001	<0.001	<0.003	
MW-6	02/27/13	L622455-06	<0.001	<0.005	<0.001	<0.003	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			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	06/11/13	L641163-06	<0.001	<0.005	<0.001	<0.003	
MW-6	09/10/13	L656835-06	<0.001	<0.005	<0.001	<0.003	
MW-6	11/07/13	L667856-06	<0.001	<0.005	<0.001	<0.003	
MW-6	03/05/14	L686955-06	<0.001	<0.005	<0.001	<0.003	
MW-6	06/03/14	L703477-06	<0.001	<0.005	<0.001	<0.003	
MW-6	09/17/14	L722791-06	<0.001	<0.005	<0.001	<0.003	
MW-6	11/12/14	L733897-06	<0.001	<0.005	<0.001	<0.003	
MW-6	02/25/15	L750722-06	<0.001	<0.005	<0.001	<0.003	
MW-6	06/16/15	L772255-06	<0.001	<0.005	<0.001	<0.003	
MW-6	08/26/15	L785959-06	<0.001	<0.005	<0.001	<0.003	
MW-6	11/17/15	L802523-06	<0.001	<0.005	<0.001	<0.003	
MW-6	03/08/16	L822589-06	<0.001	<0.005	<0.001	<0.003	
MW-6	05/17/16	L836879-06	<0.001	<0.005	<0.001	<0.003	
MW-6	09/19/16	L860929-06	<0.001	<0.005	<0.001	<0.003	
MW-6	12/14/16	L879216-06	<0.001	<0.001	<0.001	<0.003	
MW-6	02/28/17	L893439-06	<0.001	<0.001	<0.001	<0.003	
MW-6	05/09/17	L908717-06	<0.001	<0.001	<0.001	<0.003	
MW-6	09/15/17	L936891-06	<0.001	<0.001	<0.001	<0.003	
MW-6	11/29/17	L954383-06	<0.001	<0.001	<0.001	<0.003	
MW-6	03/07/18	L976397-06	<0.001	<0.001	<0.001	<0.003	
MW-6	06/12/18	L1001691-06	<0.001	<0.001	<0.001	<0.003	
MW-6	09/05/18	L1023536-06	<0.001	<0.001	<0.001	<0.003	
MW-6	11/28/18	L1048614-06	<0.001	<0.001	<0.001	<0.003	
MW-6	02/12/19	L1069996-06	<0.001	<0.001	<0.001	<0.003	
MW-6	05/08/19	L1097774-06	<0.001	<0.001	<0.001	<0.003	
MW-6	08/22/19	L1132369-06	<0.001	<0.001	<0.001	<0.003	
MW-6	11/06/19	L1158995-06	<0.001	<0.001	<0.001	<0.003	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			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	L1201828-06	<0.001	<0.001	<0.001	<0.003	
MW-6	09/16/20	L1263780-06	<0.001	<0.001	<0.001	<0.003	
MW-6	06/17/20	L1231256-06	<0.001	<0.001	<0.001	<0.003	
MW-6	12/23/20	L1300493-06	<0.001	<0.001	<0.001	<0.003	
MW-7	12/06/06	T15618-7	<0.00035	<0.00020	<0.00033	<0.00036	
MW-7	02/28/07	T16494-7	**0.0114**	<0.00020	<0.00033	<0.00036	
MW-7	05/30/07	T17645-7	0.0049	<0.00023	<0.00035	<0.00055	
MW-7	09/06/07	T18811-7	0.00073 J	<0.00023	<0.00035	<0.00055	
MW-7	11/13/07	T19737-7	<0.001	<0.001	<0.001	<0.003	
MW-7	02/26/08	T21028-7	<0.00021	<0.00023	<0.00035	<0.00055	
MW-7	05/28/08	T22367-7	0.00053 J	<0.00023	<0.00035	<0.00055	
MW-7	08/18/08	T23538-7	<0.0005	<0.0005	<0.0005	<0.001	
MW-7	11/19/08	8112008	<0.00100	<0.00100	<0.00100	<0.00100	
MW-7	02/17/09	187734	<0.00100	<0.00100	<0.00100	<0.00100	
MW-7	05/19/09	196556	<0.000133	<0.000281	<0.000535	<0.000960	
MW-7	08/26/09	208331	<0.000149	<0.000188	<0.000178	<0.000163	
MW-7	11/18/09	215419	<0.000160	<0.000332	<0.000230	<0.000143	
MW-7	02/11/10	222487	<0.000371	<0.0004	<0.00043	<0.000379	
MW-7	05/12/10	1005475-07	<0.001	<0.001	<0.001	<0.003	
MW-7	08/26/10	1008909-07	<0.001	<0.001	<0.001	<0.003	
MW-7	11/18/10	1011749-07	<0.001	<0.001	<0.001	<0.003	
MW-7	02/23/11	1102701-10	<0.001	<0.001	<0.001	<0.003	
MW-7	06/01/11	1106050-07	<0.001	<0.001	<0.001	<0.003	
MW-7	08/30/11	11081008-07	<0.001	<0.001	<0.001	<0.003	
MW-7	11/28/11	1111901-07	<0.001	<0.001	<0.001	<0.003	
MW-7	02/22/12	1202864-07	<0.001	<0.001	<0.001	<0.003	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	
			NMOCD Remediation Criteria				
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L	
MW-7	05/22/12	12051078-07	<0.001	<0.001	<0.001	<0.003	
MW-7	09/11/12	1209475-07	<0.001	<0.001	<0.001	<0.003	
MW-7	11/26/12	1211904-07	<0.001	<0.001	<0.001	<0.003	
MW-7	02/27/13	L622455-07	<0.001	<0.005	<0.001	<0.003	
MW-7	06/11/13	L641163-07	<0.001	<0.005	<0.001	<0.003	
MW-7	09/10/13	L656835-07	<0.001	<0.005	<0.001	<0.003	
MW-7	11/07/13	L667856-07	<0.001	<0.005	<0.001	<0.003	
MW-7	03/05/14	L686955-07	<0.001	<0.005	<0.001	<0.003	
MW-7	06/03/14	L703477-07	<0.001	<0.005	<0.001	<0.003	
MW-7	09/17/14	L722791-07	0.0012	<0.005	<0.001	<0.003	
MW-7	11/12/14	L733897-07	<0.001	<0.005	<0.001	<0.003	
MW-7	02/25/15	L750722-07	<0.001	<0.005	<0.001	<0.003	
MW-7	06/16/15	L772255-07	<0.001	<0.005	<0.001	<0.003	
MW-7	08/26/15	L785959-07	<0.001	<0.005	<0.001	<0.003	
MW-7	11/17/15	L802523-07	<0.001	<0.005	<0.001	<0.003	
MW-7	03/08/16	L822589-07	<0.001	<0.005	<0.001	<0.003	
MW-7	05/17/16	L836879-07	<0.001	<0.005	<0.001	<0.003	
MW-7	09/19/16	L860929-07	<0.001	<0.005	<0.001	<0.003	
MW-7	12/14/16	L879216-07	<0.001	<0.001	<0.001	<0.003	
MW-7	02/28/17	L893439-07	<0.001	<0.001	<0.001	<0.003	
MW-7	05/08/17	L908717-07	<0.001	<0.001	<0.001	<0.003	
MW-7	09/15/17	L936891-07	<0.001	<0.001	<0.001	<0.003	
MW-7	11/29/17	L954383-07	<0.001	<0.001	<0.001	<0.003	
MW-7	03/07/18	L976397-07	<0.001	<0.001	<0.001	<0.003	
MW-7	06/12/18	L1001691-07	<0.001	<0.001	<0.001	<0.003	
MW-7	09/05/18	L1023536-07	<0.001	<0.001	<0.001	<0.003	
MW-7	11/28/18	L1048614-07	<0.001	<0.001	<0.001	<0.003	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	
			NMOCD Remediation Criteria				
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L	
MW-7	02/12/19	L1069996-07	<0.001	<0.001	<0.001	<0.003	
MW-7	05/08/19	L1097774-07	<0.001	0.00461	<0.001	<0.003	
MW-7	08/22/19	L1132369-07	<0.001	<0.001	<0.001	<0.003	
MW-7	11/06/19	L1158995-07	<0.001	<0.001	<0.001	<0.003	
MW-7	03/18/20	L1201828-07	<0.001	<0.001	<0.001	<0.003	
MW-7	06/17/20	L1231256-07	<0.001	<0.001	<0.001	<0.003	
MW-7	09/16/20	L1263780-07	<0.001	<0.001	<0.001	<0.003	
MW-7	12/23/20	L1300493-07	<0.001	<0.001	<0.001	<0.003	
RW-1	06/01/11	1106050-08	**0.066**	0.016	0.057	0.18	
RW-1	05/22/12	12051078-08	**0.11**	0.066	0.077	0.36	
RW-1	06/11/13	L641163-08	**0.015**	0.0045 J	0.068	0.2	
RW-1	06/03/14	L703477-08	**0.19**	0.024	0.16	0.43	
RW-1	06/16/15	L772255-08	**0.15**	0.0085 J	0.12	0.31	
RW-1	05/17/16	L836879-08	**0.0606**	0.00105 J	0.0335	0.0968	
RW-1	05/09/17	L908717-08	**0.018**	0.00107	0.0313	0.0808	
RW-1	06/12/18	L1001691-08	**0.0288**	<0.001	0.119	0.395	
RW-1	05/08/19	L1097774-08	**0.0110**	<0.005	0.109	0.162	
RW-1	11/06/19	L1158995-08	<0.005	<0.005	0.0245	0.0928	
RW-1	03/18/20	L1201828-08	0.00355	0.00100	0.0275	0.0522	
RW-1	06/17/20	L1231256-08	0.00794	<0.001	0.0515	0.0847	
RW-1	09/16/20	L1263780-08	0.00145	<0.001	0.0231	0.0289	
RW-1	12/23/20	L1300493-08	0.00113	<0.001	0.00399	0.00512	
RW-2	06/01/11	1106050-09	**0.034**	0.038	0.051	0.14	
RW-2	05/22/12	12051078-09	**0.19**	0.2	0.18	0.49	
RW-2	06/11/13	L641163-09	**0.028**	0.04	0.063	0.18	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	
			NMOCD Remediation Criteria				
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L	
RW-2	06/03/14	L703477-09	**0.03**	0.04	0.063	0.16	
RW-2	06/16/15	L772255-09	0.0055	0.0067 J	0.0078	0.017	
RW-2	05/17/16	L836879-09	**0.0176**	0.0151	0.029	0.0695	
RW-2	05/09/17	L908717-09	**0.0829**	0.135	0.331	0.562	
RW-2	06/13/18	L1001691-09	0.00586	0.00719	0.0164	0.0424	
RW-2	05/08/19	L1097774-09	**0.0438**	0.0380	0.174	0.441	
RW-2	06/17/20	L1231256-09	0.00404	0.0041	0.0158	0.0641	
RW-3	06/01/11	110650-10	**0.21**	0.2	0.18	0.39	
RW-3	05/22/12	12051078-10	**0.31**	0.66	0.56	**1.1**	
RW-3	06/11/13	L641163-10	**0.016**	0.078	0.14	0.32	
RW-3	06/03/14	L703477-10	**0.026**	0.015 J	0.11	0.31	
RW-3	06/16/15	L772255-10	**0.019**	0.0046 J	0.09	0.37	
RW-3	05/17/16	L836879-10	**0.0142**	0.0163	0.0375	0.0965	
RW-3	05/09/17	L908717-10	**0.0196**	0.00222	0.0897	0.16	
RW-3	06/12/18	L1001691-10	**0.0505**	0.00191	0.476	**0.763**	
RW-3	05/08/19	L1097774-10	<0.005	0.00685	0.142	0.373	
RW-3	06/17/20	L1231256-10	<0.001	<0.001	0.00789	0.0179	
RW-3	09/16/20	L1263780-09	<0.001	<0.001	0.0137	0.0317	
RW-4	12/06/06	T15618-8	0.00099 J	0.00035 J	<0.00033	<0.00036	
RW-4	02/28/07	T16494-8	<0.00035	<0.00020	<0.00033	<0.00036	
RW-4	05/30/07	T17645-8	<0.00021	<0.00023	<0.00035	<0.00055	
RW-4	09/06/07	T18811-8	<0.00021	<0.00023	<0.00035	<0.00055	
RW-4	11/13/07	T19737-8	<0.001	<0.001	<0.001	<0.003	
RW-4	02/26/08	T21028-8	<0.00021	<0.00023	<0.00035	<0.00055	
RW-4	05/28/08	T22367-11	<0.00021	<0.00023	<0.00035	<0.00055	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			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-4	08/18/08	T23538-8	<0.0005	<0.0005	<0.0005	<0.001	
RW-4	11/19/08	8112008	<0.00100	<0.00100	<0.00100	<0.00100	
RW-4	02/17/09	187735	<0.00100	<0.00100	<0.00100	<0.00100	
RW-4	05/19/09	196560	<0.000133	<0.000281	<0.000535	<0.000960	
RW-4	08/26/09	208332	<0.000149	<0.000188	<0.000178	<0.000163	
RW-4	11/18/09	215420	<0.000160	<0.000332	<0.000230	<0.000143	
RW-4	02/11/10	222488	<0.000371	<0.0004	<0.00043	<0.000379	
RW-4	05/12/10	1005475-11	<0.001	<0.001	<0.001	<0.003	
RW-4	08/26/10	1008909-08	<0.001	<0.001	<0.001	<0.003	
RW-4	11/18/10	1011749-08	<0.001	<0.001	<0.001	<0.003	
RW-4	02/23/11	1102701-01	<0.001	<0.001	<0.001	<0.003	
RW-4	06/01/11	1106050-11	<0.001	<0.001	<0.001	<0.003	
RW-4	08/30/11	11081008-08	<0.001	<0.001	<0.001	<0.003	
RW-4	11/28/11	1111901-08	<0.001	<0.001	<0.001	<0.003	
RW-4	02/22/12	1202864-08	<0.001	<0.001	<0.001	<0.003	
RW-4	05/22/12	12051078-11	<0.001	<0.001	<0.001	<0.003	
RW-4	09/11/12	1209475-08	<0.001	<0.001	<0.001	<0.003	
RW-4	11/26/12	1211904-08	<0.001	<0.001	<0.001	<0.003	
RW-4	02/27/13	L622455-08	<0.001	<0.005	<0.001	<0.003	
RW-4	06/11/13	L641163-11	<0.001	<0.005	<0.001	<0.003	
RW-4	09/10/13	L656835-08	<0.001	<0.005	<0.001	<0.003	
RW-4	11/07/13	L667856-08	<0.001	<0.005	<0.001	<0.003	
RW-4	03/05/14	L686955-08	<0.001	<0.005	<0.001	<0.003	
RW-4	06/03/14	L703477-11	<0.001	<0.005	<0.001	<0.003	
RW-4	09/17/14	L722791-08	<0.001	<0.005	<0.001	<0.003	
RW-4	11/12/14	L733897-08	<0.001	<0.005	<0.001	<0.003	
RW-4	02/25/15	L750722-08	<0.001	<0.005	<0.001	<0.003	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			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-4	06/16/15	L772255-11	<0.001	<0.005	<0.001	<0.003	
RW-4	08/26/15	L785959-08	<0.001	<0.005	<0.001	<0.003	
RW-4	08/26/15	L785959-08	<0.001	<0.005	<0.001	<0.003	
RW-4	03/08/16	L822589-08	<0.001	<0.005	<0.001	<0.003	
RW-4	05/17/16	L836879-11	<0.001	<0.005	<0.001	<0.003	
RW-4	09/19/16	L860929-08	<0.001	<0.005	<0.001	<0.003	
RW-4	12/14/16	L879214-01	<0.001	<0.001	<0.001	<0.003	
RW-4	02/28/17	L893439-08	<0.001	<0.001	<0.001	<0.003	
RW-4	05/08/17	L908717-11	<0.001	<0.001	<0.001	<0.003	
RW-4	09/15/17	L936890-01	<0.001	<0.001	<0.001	<0.003	
RW-4	11/29/17	L954383-08	<0.001	<0.001	<0.001	<0.003	
RW-4	03/07/18	L976397-08	<0.001	<0.001	<0.001	<0.003	
RW-4	06/13/18	L1001691-11	<0.001	<0.001	<0.001	<0.003	
RW-4	09/05/18	L1023536-08	<0.001	<0.001	<0.001	<0.003	
RW-4	11/28/18	L1048614-08	<0.001	<0.001	<0.001	<0.003	
RW-4	02/12/19	L1069996-08	<0.001	<0.001	<0.001	<0.003	
RW-4	05/08/19	L1097774-15	<0.001	<0.001	<0.001	<0.003	
RW-4	08/22/19	L1132369-08	<0.001	<0.001	<0.001	<0.003	
RW-4	11/06/19	L1158995-09	<0.001	<0.001	<0.001	<0.003	
RW-4	03/18/20	L1201828-09	<0.001	<0.001	<0.001	<0.003	
RW-4	06/17/20	L1231256-11	<0.001	<0.001	<0.001	<0.003	
RW-4	09/16/20	L1263780-10	<0.001	<0.001	<0.001	<0.003	
RW-4	12/23/20	L1300493-09	<0.001	<0.001	<0.001	<0.003	
RW-5	12/06/06	T15618-9	0.0035	0.00095 J	0.00043 J	<0.00036	
RW-5	02/28/07	T16494-9	**0.0193**	0.0038	0.0015	0.0014 J	
RW-5	05/30/07	T17645-9	0.0045	0.0011	0.00066 J	0.00056 J	

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Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
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Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			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-5	09/06/07	T18811-9	0.0012	<0.00023	<0.00035	<0.00055	
RW-5	11/13/07	T19737-9	0.0024	<0.001	<0.001	<0.003	
RW-5	02/26/08	T21028-9	<0.00021	<0.00023	<0.00035	<0.00055	
RW-5	05/28/08	T22367-12	0.00045 J	<0.00023	<0.00035	<0.00055	
RW-5	08/18/08	T23538-9	<0.0005	<0.0005	<0.0005	<0.001	
RW-5	11/19/08	8112008	0.00260	<0.00100	<0.00100	<0.00100	
RW-5	02/17/09	187736	0.0048	<0.00100	<0.00100	<0.00100	
RW-5	05/19/09	196561	0.0003 J	<0.000281	<0.000535	0.0016	
RW-5	08/26/09	208333	0.0024	<0.000281	<0.000535	<0.000960	
RW-5	11/18/09	215421	0.0008 J	<0.000332	<0.000230	<0.000143	
RW-5	02/11/10	222489	<0.000371	<0.0004	<0.00043	<0.000379	
RW-5	05/12/10	1005475-12	<0.001	<0.001	<0.001	<0.003	
RW-5	08/26/10	1008909-09	<0.001	<0.001	<0.001	<0.003	
RW-5	11/18/10	1011749-09	<0.001	<0.001	<0.001	<0.003	
RW-5	02/23/11	1102701-02	<0.001	<0.001	<0.001	<0.003	
RW-5	06/01/11	1106050-12	<0.001	<0.001	<0.001	<0.003	
RW-5	08/30/11	11081008-09	<0.001	<0.001	<0.001	<0.003	
RW-5	11/28/11	1111901-09	<0.001	<0.001	<0.001	<0.003	
RW-5	02/22/12	1202864-09	<0.001	<0.001	<0.001	<0.003	
RW-5	05/22/12	12051078-12	<0.001	<0.001	<0.001	<0.003	
RW-5	09/11/12	1209475-09	<0.001	<0.001	<0.001	<0.003	
RW-5	11/26/12	1211904-09	<0.001	<0.001	<0.001	<0.003	
RW-5	02/27/13	L622455-09	<0.001	<0.005	<0.001	<0.003	
RW-5	06/11/13	L641163-12	<0.001	<0.005	<0.001	<0.003	
RW-5	09/10/13	L656835-09	<0.001	<0.005	<0.001	<0.003	
RW-5	11/07/13	L667856-09	<0.001	<0.005	<0.001	<0.003	
RW-5	03/05/14	L686955-09	<0.001	<0.005	<0.001	<0.003	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			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-5	06/03/14	L703477-12	<0.001	<0.005	<0.001	<0.003	
RW-5	09/17/14	L722791-09	<0.001	<0.005	<0.001	<0.003	
RW-5	11/12/14	L733897-09	<0.001	<0.005	<0.001	<0.003	
RW-5	02/25/15	L750722-09	<0.001	<0.005	<0.001	<0.003	
RW-5	06/16/15	L772255-12	<0.001	<0.005	<0.001	<0.003	
RW-5	08/26/15	L785959-09	<0.001	<0.005	<0.001	<0.003	
RW-5	11/17/15	L802523-09	<0.001	<0.005	<0.001	<0.003	
RW-5	03/08/16	L822589-09	<0.001	<0.005	<0.001	<0.003	
RW-5	05/17/16	L836879-12	<0.001	<0.005	<0.001	<0.003	
RW-5	09/19/16	L860929-09	<0.001	<0.005	<0.001	<0.003	
RW-5	12/14/16	L879214-02	<0.001	<0.001	<0.001	<0.003	
RW-5	02/28/17	L893439-09	<0.001	<0.001	<0.001	<0.003	
RW-5	05/08/17	L908717-12	<0.001	<0.001	<0.001	<0.003	
RW-5	09/15/17	L936890-02	<0.001	<0.001	<0.001	<0.003	
RW-5	11/29/17	L954383-09	<0.001	<0.001	<0.001	<0.003	
RW-5	03/07/18	L976397-09	<0.001	<0.001	<0.001	<0.003	
RW-5	06/13/18	L1001691-12	<0.001	<0.001	<0.001	<0.003	
RW-5	09/05/18	L1023536-09	<0.001	<0.001	<0.001	<0.003	
RW-5	11/28/18	L1048614-09	<0.001	<0.001	<0.001	<0.003	
RW-5	02/12/19	L1069996-09	<0.001	<0.001	<0.001	<0.003	
RW-5	05/08/19	L1097774-11	<0.001	<0.001	<0.001	<0.003	
RW-5	08/22/19	L1132369-09	<0.001	<0.001	<0.001	<0.003	
RW-5	11/06/19	L1158995-10	<0.001	<0.001	<0.001	<0.003	
RW-5	03/18/20	L1201828-10	<0.001	<0.001	<0.001	<0.003	
RW-5	06/17/20	L1231256-12	<0.001	<0.001	<0.001	<0.003	
RW-5	09/16/20	L1263780-11	<0.001	<0.001	<0.001	<0.003	
RW-5	12/23/20	L1300493-10	<0.001	<0.001	<0.001	<0.003	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			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-6	12/06/06	T15618-10	<0.00035	<0.00020	<0.00033	<0.00036	
RW-6	02/28/07	T16494-10	<0.00035	<0.00020	<0.00033	<0.00036	
RW-6	05/30/07	T17645-10	<0.00021	<0.00023	<0.00035	<0.00055	
RW-6	09/06/07	T18811-10	<0.00021	<0.00023	<0.00035	<0.00055	
RW-6	11/13/07	T19737-10	<0.001	<0.001	<0.001	<0.003	
RW-6	02/26/08	T21028-10	<0.00021	<0.00023	<0.00035	<0.00055	
RW-6	05/28/08	T22367-13	<0.00021	<0.00023	<0.00035	<0.00055	
RW-6	08/18/08	T23538-10	<0.0005	<0.0005	<0.0005	<0.001	
RW-6	11/19/08	8112008	<0.00100	<0.00100	<0.00100	<0.00100	
RW-6	02/17/09	187737	<0.00100	<0.00100	<0.00100	<0.00100	
RW-6	05/19/09	196562	0.0008 J	<0.000281	<0.000535	<0.000960	
RW-6	08/26/09	208334	0.0002 J	<0.000281	<0.000535	<0.000960	
RW-6	11/18/09	215422	<0.000160	<0.000332	<0.000230	<0.000143	
RW-6	02/11/10	222490	<0.000371	<0.0004	<0.00043	<0.000379	
RW-6	05/12/10	1005475-13	<0.001	<0.001	<0.001	<0.003	
RW-6	08/26/10	1008909-10	<0.001	<0.001	<0.001	<0.003	
RW-6	11/18/10	1011749-10	<0.001	<0.001	<0.001	<0.003	
RW-6	02/23/11	1102701-03	<0.001	<0.001	<0.001	<0.003	
RW-6	06/01/11	1106050-13	<0.001	<0.001	<0.001	<0.003	
RW-6	08/30/11	11081008-10	<0.001	<0.001	<0.001	<0.003	
RW-6	11/28/11	1111901-10	<0.001	<0.001	<0.001	<0.003	
RW-6	02/22/12	1202864-10	<0.001	<0.001	<0.001	<0.003	
RW-6	05/22/12	12051078-13	<0.001	<0.001	<0.001	<0.003	
RW-6	09/11/12	1209475-09	<0.001	<0.001	<0.001	<0.003	
RW-6	11/26/12	1211904-10	<0.001	<0.001	<0.001	<0.003	
RW-6	02/27/13	L622455-10	<0.001	<0.005	<0.001	<0.003	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			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-6	06/11/13	L641163-12	<0.001	<0.005	<0.001	<0.003	
RW-6	09/10/13	L656835-10	<0.001	<0.005	<0.001	<0.003	
RW-6	11/07/13	L667856-10	<0.001	<0.005	<0.001	<0.003	
RW-6	03/05/14	L686955-10	<0.001	<0.005	<0.001	<0.003	
RW-6	06/03/14	L703477-13	<0.001	<0.005	<0.001	<0.003	
RW-6	09/17/14	L722791-10	<0.001	<0.005	<0.001	<0.003	
RW-6	11/12/14	L733897-10	<0.001	<0.005	<0.001	<0.003	
RW-6	02/25/14	L750722-11	<0.001	<0.005	<0.001	<0.003	
RW-6	06/16/15	L772255-13	<0.001	<0.005	<0.001	<0.003	
RW-6	08/26/15	L785959-10	<0.001	<0.005	<0.001	<0.003	
RW-6	11/17/15	L802523-10	<0.001	<0.005	<0.001	<0.003	
RW-6	03/08/16	L822589-10	<0.001	<0.005	<0.001	<0.003	
RW-6	05/17/16	L836879-13	<0.001	<0.005	<0.001	<0.003	
RW-6	09/19/16	L860929-10	<0.001	<0.005	<0.001	<0.003	
RW-6	12/14/16	L879214-03	<0.001	<0.001	<0.001	<0.003	
RW-6	02/28/17	L893439-10	<0.001	<0.001	<0.001	<0.003	
RW-6	05/08/17	L908717-13	<0.001	<0.001	<0.001	<0.003	
RW-6	09/15/17	L936890-03	<0.001	<0.001	<0.001	<0.003	
RW-6	11/29/17	L954383-10	<0.001	<0.001	<0.001	<0.003	
RW-6	03/07/18	L976397-10	<0.001	<0.001	<0.001	<0.003	
RW-6	06/13/18	L1001691-13	<0.001	<0.001	<0.001	<0.003	
RW-6	09/05/18	L1023536-10	<0.001	<0.001	<0.001	<0.003	
RW-6	11/28/18	L1048614-10	<0.001	<0.001	<0.001	<0.003	
RW-6	02/12/19	L1069996-10	<0.001	<0.001	<0.001	<0.003	
RW-6	05/08/19	L1097774-12	<0.001	<0.001	<0.001	<0.003	
RW-6	08/22/19	L1132369-10	<0.001	<0.001	<0.001	<0.003	
RW-6	11/06/19	L1158995-11	<0.001	<0.001	<0.001	<0.003	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			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-6	03/18/20	L1158995-11	<0.001	<0.001	<0.001	<0.003	
RW-6	06/17/20	L1231256-13	<0.001	<0.001	<0.001	<0.003	
RW-6	09/16/20	L1263780-12	<0.001	<0.001	<0.001	<0.003	
RW-6	12/23/20	L1300493-11	<0.001	<0.001	<0.001	<0.003	
RW-7	11/07/13	L667856-11	<0.001	<0.005	<0.001	<0.003	
RW-7	03/05/14	L686955-11	<0.001	<0.005	<0.001	<0.003	
RW-7	06/03/14	L703477-14	0.00036 J	<0.005	<0.001	<0.003	
RW-7	09/17/14	L722791-11	<0.001	<0.005	<0.001	<0.003	
RW-7	11/12/14	L733897-11	<0.001	<0.005	<0.001	<0.003	
RW-7	02/25/15	L750722-10	<0.001	<0.005	<0.001	<0.003	
RW-7	06/16/15	L772255-14	<0.001	<0.005	<0.001	<0.003	
RW-7	08/26/15	L785959-11	<0.001	<0.005	<0.001	<0.003	
RW-7	11/17/15	L802523-11	<0.001	<0.005	0.000568 J	<0.003	
RW-7	03/08/16	L822589-11	<0.001	<0.005	0.000563 J	<0.003	
RW-7	05/17/16	L836879-14	<0.001	<0.005	0.00052 J	<0.003	
RW-7	09/19/16	L860929-11	<0.001	<0.005	0.000447 J	<0.003	
RW-7	12/14/16	L879214-04	<0.001	<0.001	<0.001	<0.003	
RW-7	02/28/17	L893439-11	<0.001	<0.001	<0.001	<0.003	
RW-7	05/08/17	L908717-14	<0.001	<0.001	<0.001	<0.003	
RW-7	09/15/17	L936890-04	<0.001	<0.001	<0.001	<0.003	
RW-7	11/29/17	L954383-11	<0.001	<0.001	<0.001	<0.003	
RW-7	03/07/18	L976397-11	<0.001	<0.001	<0.001	<0.003	
RW-7	06/13/18	L1001691-14	<0.001	<0.001	<0.001	<0.003	
RW-7	09/05/18	L1023536-11	<0.001	<0.001	0.00381	<0.003	
RW-7	11/28/18	L1048614-11	<0.001	<0.001	<0.001	<0.003	
RW-7	02/12/19	L1069996-11	0.00105	<0.001	0.00771	<0.003	

TABLE 4
Historical Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	Sample ID	SW 846-8021B				Total Dissolved Solids (mg/L)
			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-7	05/08/19	L1097774-13	<0.001	<0.001	0.00363	<0.003	
RW-7	08/22/19	L1132369-11	<0.001	<0.001	0.00122	<0.003	
RW-7	11/06/19	L1158995-12	<0.001	<0.001	<0.001	<0.003	
RW-7	03/18/20	L1201828-11	<0.001	<0.001	<0.001	<0.003	
RW-7	06/17/20	L1231256-14	0.0015	<0.001	0.00556	<0.003	
RW-7	09/16/20	L1263780-13	0.0015	<0.001	<0.001	<0.003	
RW-7	12/23/20	L1300493-12	<0.001	<0.001	0.00355	<0.003	
RW-8	06/03/14	L703477-15	**0.61**	0.31 J	0.63	**1.3**	
RW-8	06/16/15	L772255-15	**2.6**	**1.1**	**1.1**	**2.5**	
RW-8	05/17/16	L836879-15	**0.41**	0.034 J6	0.343	0.617	
RW-8	05/08/17	L908717-15	**0.243**	0.0325	0.326	0.482	
RW-8	06/13/18	L1001691-15	**0.245**	0.027	0.529	**0.657**	
RW-8	05/08/19	L1097774-14	**0.0624**	0.00759	0.126	0.247	
RW-8	06/17/20	L1231256-15	**0.0424**	<0.005	0.115	0.258	

NMOCD: New Mexico Oil Conservation Division
*Exceedences of NMOCD Remediation Criteria are shown in **bold***
[a] *Result is from Run #2*
J: Analyte detected below method detection limit (MDL) but above sample detection limit (SDL)

TABLE 5
Groundwater Analytical Results for Polycyclic Aromatic Hydrocarbons
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)
RW-1	6/17/2020	L1231256-08	1.3	<0.0500	0.103	0.339	<0.0500	0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.319	<0.0500	<0.0500	<0.0500	3.71	1.25	4.96			
RW-2	5/28/2008	T-22367-9	10	<1.6	<1.5	<2.1	<2.4	<1.6	<1.8	<1.6	<1.1	<1.4	<1.3	<1.5	<1.6	<1.3		<2.5	<1.6		7.4		3.61	1.53	
RW-2	5/19/2009	196558	2.66	<0.0707	<0.131	1.17	<0.0801	1.49	<0.808	<0.808	<0.0458	<0.0302	<0.0913	<0.0631	<0.0506	<0.0558	1.05	<0.0628	<0.0765	5.64	4.16	9.8	1.77	<0.876	
RW-2	5/12/2010	1005475-09	30	<0.20	<0.20	2.5	<0.20	4.4	<0.20	<0.20	0.24	<0.20	0.68	<0.20	<0.20	<0.20	4.2	<0.20	<0.20	43	44	87	110	170	20
RW-2	5/22/2012	12051078-09	**82.5**	2.47	1.12	12.6	<0.0971	24.8	0.579	0.907	0.756	0.852	3.71	<0.0971	<0.0971	NA	<0.0971	<0.0971	<0.0971	NA	NA	NA	NA	NA	NA
RW-2	6/11/2013	L641163-09	6.7	0.07	0.12	0.39	<0.015	0.28	0.086	0.39	0.047	<0.012	<0.011	0.014	<0.012	0.66	<0.004	<0.011	<0.014	5.8	4.9	NA	NA	NA	NA
RW-2	6/3/2014	L703477-09	0.006	0.000056	0.00013	0.00044	<0.0500	0.00051	<0.0500	<0.0500	0.000026J	<0.0500	<0.0500	<0.0500	<0.0500	0.00068	<0.0500	<0.0500	<0.0500	0.0064	0.0059	0.0123	NA	NA	NA
RW-2	6/16/2015	L772255-09	0.00012 J J	<0.00005	0.000011 J	0.000018 J	<0.0500	0.000017 J	<0.0500	<0.0500	<0.0500	0.012 J J	<0.0500	0.0041 J	<0.0500	0.032 J	<0.0500	0.0046 J	<0.0500	0.00013 J	.000011 J	0.00141J	NA	NA	NA
RW-2	5/17/2016	L836879-09	2.37	0.0166 J	0.0362 J	0.119	<0.0500	0.129	0.0239 J	<0.0500	<0.0500	0.012 BJ	<0.0500	<0.0500	<0.0500	0.187	<0.0500	<0.0500	<0.0500	2.07	1.76	3.83	NA	NA	NA
RW-2	5/9/2017	L908717-09	**39.9**	0.201	0.203	1.88	<0.0500	1.58	0.193	<0.0500	0.0471 J	<0.0500	<0.0500	<0.0500	0.0275	**2.68**	<0.0500	0.00974 J	<0.0500	32.8	28.1	**60.9**	NA	NA	NA
RW-2	6/13/2018	L1001691-09	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.250	<0.250	<0.250			
RW-2	6/17/2020	L1231256-09	<0.250	<0.0500	<0.0500	0.0873	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.0739	<0.0500	<0.0500	<0.0500	0.322	<0.250	0.322			
RW-3	5/28/2008	T22367-10	13.5	<1.6	<1.5	<2.1	<2.4	<1.6	<1.8	<1.6	<1.1	<1.4	<1.3	<1.5	<1.6	<1.3		<2.5	<1.6		7.8		3.81	0.292	
RW-3	5/19/2009	196559	25	<0.0707	<0.131	2.29	<0.0801	3.26	<0.808	<0.808	<0.0458	<0.0302	<0.0913	<0.0633	<0.0506	<0.0558	3.24	<0.0628	<0.0765	27.2	22.6	49.8	3.1 J	1.18 J	
RW-3	5/12/2010	1005475-10	**33**	<0.20	0.47	3.7	<0.20	6.3	0.54	<0.20	<0.20	<0.20	1	<0.20	<0.20	<0.20	4.6	<0.20	<0.20	53	53	106	120	170	26
RW-3	5/22/2012	12051078-10	**42.6**	1.26	0.874	7.16	<0.0988	20.7	1.13	0.706	0.646	<0.0988	2.01	0.153	<0.0988	NA	<0.0988	<0.0988	0.188	NA	NA	NA	NA	NA	NA
RW-3	6/11/2013	L641163-10	10	0.46	0.82	2.3	<0.015	2	0.31	0.37	0.57	0.29	0.32	<0.014	<0.012	2.9	0.12	<0.011	<0.014	13	12	NA	NA	NA	NA
RW-3	6/3/2014	L703477-10	0.015	0.00027	0.00065	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.00012	<0.0500	<0.0500	0.0029	<0.0500	0.013	<0.0500	0.02	0.019	0.039	NA	NA	NA
RW-3	6/16/2015	L772255-10	0.021	0.00019	0.00047	0.0015	<0.0500	0.0014	0.00031	0.027 J	0.00016	0.00012	0.082	0.019 J	<0.0500	0.0021	<0.0500	0.013 J	0.026 J	0.019	0.014	0.033	NA	NA	NA
RW-3	5/17/2016	L836879-10	3.92	0.0443 J	0.0826	0.258	<0.0500	0.264	0.0833	<0.0500	0.0549	<0.0500	0.0153 J	<0.0500	<0.0500	0.572	<0.0500	<0.0500	<0.0500	2.88	2.42	5.3	NA	NA	NA
RW-3	5/9/2017	L908717-10	9.12	0.0869	0.241	0.817	<0.0500	0.822	0.176	<0.0500	0.0890	<0.0500	<0.0500	<0.0500	<0.0500	1.19	<0.0500	0.00611 j	<0.0500	9.22	6.63	15.85	NA	NA	NA
RW-3	6/12/2018	L1001691-10	**57.9**	<0.0500	<0.0500	4.7	<0.0500	6.33	<0.0500	<0.0500	0.7510	<0.0500	0.385	<0.0500	<0.0500	6.78	<0.0500	<0.0500	<0.0500	69	54.5	**123.5**			
RW-3	5/8/2019	L1097774-11	15.7	<0.0500	0.261	0.935	<0.0500	0.717	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	1.59	<0.0500	<0.0500	<0.0500	12.8	9.89	22.69			
RW-3	6/17/2020	L1231256-10	1.3	<0.0500	0.0589	0.202	<0.0500	0.224	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.708	<0.0500	<0.0500	<0.0500	1.87	1.29	3.16			
RW-4	5/17/2016	L836879-11	0.0234 BJ	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.00645 BJ	<0.0500	<0.0500	<0.0500	0.00264 BJ	<0.0500	<0.0500	<0.0500	<0.250	<0.250	NA	NA	NA	NA
RW-4	5/9/2017	L908717-11	0.0405 J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.00158 J	<0.0500	<0.0500	<0.0500	<0.250	0.00938 J	0.00938			
RW-5	5/17/2016	L836879-12	0.0329 BJ	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.006 BJ	<0.0500	<0.0500	<0.0500	0.00224 BJ	<0.0500	<0.0500	<0.0500	<0.250	<0.250	NA	NA	NA	NA
RW-5	5/9/2017	L908717-12	0.0301 J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.00129 J	<0.0500	<0.0500	<0.0500	<0.250	<0.250	NA	NA	NA	NA
RW-6	5/17/2016	L836879-13	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.00585 BJ	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.250	<0.250	NA	NA	NA	NA
RW-6	5/9/2017	L908717-13	0.0247 J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.00107 J	<0.0500	<0.0500	<0.0500	<0.250	<0.250	NA	NA	NA	NA
RW-7	6/3/2014	L703477-14	0.035 J	<0.0500	<0.0500	<0.0500	<0.0500	0.000035	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.0000022J	<0.0500	<0.0500	<0.0500	<0.250	<0.250	NA	NA	NA	NA
RW-7	5/17/2016	L836879-14	0.0258 BJ	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.00664 BJ	<0.0500	<0.0500	<0.0500	0.00211 BJ	<0.0500	<0.0500	<0.0500	<0.250	<0.250	NA	NA	NA	NA
RW-7	5/9/2017	L908717-14	0.0222 j	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.00155 J	<0.0500	<0.0500	<0.0500	<0.250	<0.250	NA	NA	NA	NA
RW-7	6/13/2018	L1001691-14	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.250	<0.250	<0.250			
RW-8	6/3/2014	L703477-15	0.062	0.00061	0.0016	0.005	<0.0500	0.0078	<0.0500	0.00017	0.00067	0.00085	0.00041	<0.0500	<0.0500	0.0069	<0.0500	0.000056	<0.0500	0.049	0.049	0.098	NA	NA	NA
RW-8	6/16/2015	L772255-15	0.095	0.001	0.0035	0.0095	<0.0500	0.012	0.0022	0.00038 J	0.0014	0.00097	0.00053	0.00016 J	0.00013 J	0.012	0.000048 J	0.00015 J	0.00018 J	0.1	0.1	0.2	NA	NA	NA
RW-8	5/17/2016	L836879-15	0.0261	0.148	0.292	1.21	<0.0500	1.06	0.0414 J	<0.0500	0.0185 J	0.0115 BJ	<0.0500	<0.0500	<0.0500	2.13	<0.0500	<0.0500	<0.0500	22.4	18.9	**41.3**	NA	NA	NA
RW-8	5/9/2017	L908717-15	**44.9**	0.257	0.251	2.46	<0.0500	1.82	<0.0500	0.0422 J	0.0641	<0.0500	<0.0500	<0.0500	0.0311 J	3.56	<0.0500	0.00875 J	<0.0500	44	33.4	**77.4**	NA	NA	NA
RW-8	6/13/2018	L1001691-15	**41.8**	<0.0500	0.706	2.62	<0.0500	2.02	<0.0500	<0.0500	0.141	<0.0500	0.0532	<0.0500	<0.0500	4.3	<0.0500	<0.0500	<0.0500	57.7	34	**91.7**			
RW-8	5/8/2019	L1097774-14	17.7	<0.0500	0.401	1.86	<0.0500	1.19	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	2.94	<0.0500	<0.0500	<0.0500	26.4	11.2	**37.6**			
RW-8	6/17/2020	L1231256-15	12.2	<0.0500	0.303	1.48	<0.0500	0.925	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	2.38	<0.0500	<0.0500	<0.0500	17.8	7.55	**25.35**			

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

2018 - 2020 PSH aand Dissolved Phase Groundwater Recovery Data

Vacuum to Jal 14" Mainline #5

Lea County, New Mexico

NMOC No. 1R-0464

Well	Year	PSH Recovered (gallons)	Groundwater Recovered (gallons)	Total Fluids Recovered (gallons)
RW1	2018	0.75	469.25	470
RW1	2019	0.00	310.00	310
RW1	2020	1.00	209.00	210
RW2	2018	10.25	458.75	469
RW2	2019	7.25	401.50	408.75
RW2	2020	6.75	193.25	200
RW3	2018	10.00	460.00	470
RW3	2019	3.00	407.00	410
RW3	2020	0.25	219.75	220
RW-8	2018	116.50	1043.50	1160
RW-8	2019	49.75	702.50	752.25
RW-8	2020	7.25	232.75	240
Totals for 2018		137.50	2431.50	2569.00
Totals for 2019		60.00	1821.00	1881.00
Totals for 2020		15.25	854.75	870.00
Total		**212.75**	**5107.25**	**5320.00**

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

Appendix A

2020 Laboratory Reports and Chain of Custody Documentation

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

April 01, 2020

Plains All American Pipeline - Entech

Sample Delivery Group:	L1201828
Samples Received:	03/23/2020
Project Number:	PAA12015
Description:	Vac to Jal#5
Site:	SRS - 2003-00134
Report To:	Kathleen Buxton 21 Waterway Ave., Suite 300 The Woodlands, TX 77380

Entire Report Reviewed By:

Mark W. Beasley
Project Manager

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

TABLE OF CONTENTS

MW 1 L1201828-01 GW

Collected by: Chris Sanchez | Collected date/time: 03/18/20 12:00 | Received date/time: 03/23/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1449705	1	03/25/20 06:09	03/25/20 06:09	TJJ	Mt. Juliet, TN

MW 2 L1201828-02 GW

Collected by: Chris Sanchez | Collected date/time: 03/18/20 11:50 | Received date/time: 03/23/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1449705	1	03/25/20 06:30	03/25/20 06:30	TJJ	Mt. Juliet, TN

MW 3 L1201828-03 GW

Collected by: Chris Sanchez | Collected date/time: 03/18/20 11:10 | Received date/time: 03/23/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1449705	1	03/25/20 06:50	03/25/20 06:50	TJJ	Mt. Juliet, TN

MW 4 L1201828-04 GW

Collected by: Chris Sanchez | Collected date/time: 03/18/20 11:20 | Received date/time: 03/23/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1449705	1	03/25/20 07:11	03/25/20 07:11	TJJ	Mt. Juliet, TN

MW 5 L1201828-05 GW

Collected by: Chris Sanchez | Collected date/time: 03/18/20 10:30 | Received date/time: 03/23/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1449705	1	03/25/20 07:32	03/25/20 07:32	TJJ	Mt. Juliet, TN

MW 6 L1201828-06 GW

Collected by: Chris Sanchez | Collected date/time: 03/18/20 11:40 | Received date/time: 03/23/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1449705	1	03/25/20 07:52	03/25/20 07:52	TJJ	Mt. Juliet, TN

MW 7 L1201828-07 GW

Collected by: Chris Sanchez | Collected date/time: 03/18/20 12:10 | Received date/time: 03/23/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1449705	1	03/25/20 08:13	03/25/20 08:13	TJJ	Mt. Juliet, TN

RW 1 L1201828-08 GW

Collected by: Chris Sanchez | Collected date/time: 03/18/20 12:20 | Received date/time: 03/23/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1452109	1	03/28/20 22:31	03/28/20 22:31	JAH	Mt. Juliet, TN

RW 4 L1201828-09 GW

Collected by: Chris Sanchez
Collected date/time: 03/18/20 11:30
Received date/time: 03/23/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1449705	1	03/25/20 08:34	03/25/20 08:34	TJJ	Mt. Juliet, TN

RW 5 L1201828-10 GW

Collected by: Chris Sanchez
Collected date/time: 03/18/20 11:00
Received date/time: 03/23/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1449705	1	03/25/20 08:54	03/25/20 08:54	TJJ	Mt. Juliet, TN

RW 6 L1201828-11 GW

Collected by: Chris Sanchez
Collected date/time: 03/18/20 10:40
Received date/time: 03/23/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1449705	1	03/25/20 09:15	03/25/20 09:15	TJJ	Mt. Juliet, TN

RW 7 L1201828-12 GW

Collected by: Chris Sanchez
Collected date/time: 03/18/20 10:50
Received date/time: 03/23/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1449750	1	03/25/20 07:57	03/25/20 07:57	ADM	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.

Mark W. Beasley
Project Manager

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/25/2020 06:09	WG1449705
Toluene	ND		0.00100	1	03/25/2020 06:09	WG1449705
Ethylbenzene	ND		0.00100	1	03/25/2020 06:09	WG1449705
Total Xylenes	ND		0.00300	1	03/25/2020 06:09	WG1449705
(S) Toluene-d8	*114*		*80.0-120*		*03/25/2020 06:09*	WG1449705
(S) 4-Bromofluorobenzene	*98.6*		*77.0-126*		*03/25/2020 06:09*	WG1449705
(S) 1,2-Dichloroethane-d4	*114*		*70.0-130*		*03/25/2020 06:09*	WG1449705

MW-2
Collected date/time: 03/18/20 11:50

SAMPLE RESULTS - 02

L1201828

ONE LAB. NATIONWIDE.

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/25/2020 06:30	WG1449705
Toluene	ND		0.00100	1	03/25/2020 06:30	WG1449705
Ethylbenzene	ND		0.00100	1	03/25/2020 06:30	WG1449705
Total Xylenes	ND		0.00300	1	03/25/2020 06:30	WG1449705
(S) Toluene-d8	*114*		*80.0-120*		*03/25/2020 06:30*	WG1449705
(S) 4-Bromofluorobenzene	*96.3*		*77.0-126*		*03/25/2020 06:30*	WG1449705
(S) 1,2-Dichloroethane-d4	*114*		*70.0-130*		*03/25/2020 06:30*	WG1449705

MW-3
Collected date/time: 03/18/20 11:10

SAMPLE RESULTS - 03

L1201828

ONE LAB. NATIONWIDE.

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/25/2020 06:50	WG1449705
Toluene	ND		0.00100	1	03/25/2020 06:50	WG1449705
Ethylbenzene	ND		0.00100	1	03/25/2020 06:50	WG1449705
Total Xylenes	ND		0.00300	1	03/25/2020 06:50	WG1449705
(S) Toluene-d8	*112*		*80.0-120*		*03/25/2020 06:50*	WG1449705
(S) 4-Bromofluorobenzene	*96.3*		*77.0-126*		*03/25/2020 06:50*	WG1449705
(S) 1,2-Dichloroethane-d4	*117*		*70.0-130*		*03/25/2020 06:50*	WG1449705

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/25/2020 07:11	WG1449705
Toluene	ND		0.00100	1	03/25/2020 07:11	WG1449705
Ethylbenzene	ND		0.00100	1	03/25/2020 07:11	WG1449705
Total Xylenes	ND		0.00300	1	03/25/2020 07:11	WG1449705
(S) Toluene-d8	*111*		*80.0-120*		*03/25/2020 07:11*	WG1449705
(S) 4-Bromofluorobenzene	*95.8*		*77.0-126*		*03/25/2020 07:11*	WG1449705
(S) 1,2-Dichloroethane-d4	*116*		*70.0-130*		*03/25/2020 07:11*	WG1449705

MW-3
Collected date/time: 03/18/20 10:30

SAMPLE RESULTS - 05

L1201828

ONE LAB. NATIONWIDE.

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/25/2020 07:32	WG1449705
Toluene	ND		0.00100	1	03/25/2020 07:32	WG1449705
Ethylbenzene	ND		0.00100	1	03/25/2020 07:32	WG1449705
Total Xylenes	ND		0.00300	1	03/25/2020 07:32	WG1449705
(S) Toluene-d8	*113*		*80.0-120*		*03/25/2020 07:32*	WG1449705
(S) 4-Bromofluorobenzene	*95.9*		*77.0-126*		*03/25/2020 07:32*	WG1449705
(S) 1,2-Dichloroethane-d4	*112*		*70.0-130*		*03/25/2020 07:32*	WG1449705

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

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/25/2020 07:52	WG1449705
Toluene	ND		0.00100	1	03/25/2020 07:52	WG1449705
Ethylbenzene	ND		0.00100	1	03/25/2020 07:52	WG1449705
Total Xylenes	ND		0.00300	1	03/25/2020 07:52	WG1449705
(S) Toluene-d8	*113*		*80.0-120*		*03/25/2020 07:52*	WG1449705
(S) 4-Bromofluorobenzene	*97.1*		*77.0-126*		*03/25/2020 07:52*	WG1449705
(S) 1,2-Dichloroethane-d4	*113*		*70.0-130*		*03/25/2020 07:52*	WG1449705

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/25/2020 08:13	WG1449705
Toluene	ND		0.00100	1	03/25/2020 08:13	WG1449705
Ethylbenzene	ND		0.00100	1	03/25/2020 08:13	WG1449705
Total Xylenes	ND		0.00300	1	03/25/2020 08:13	WG1449705
(S) Toluene-d8	*110*		*80.0-120*		*03/25/2020 08:13*	WG1449705
(S) 4-Bromofluorobenzene	*95.6*		*77.0-126*		*03/25/2020 08:13*	WG1449705
(S) 1,2-Dichloroethane-d4	*115*		*70.0-130*		*03/25/2020 08:13*	WG1449705

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00355		0.00100	1	03/28/2020 22:31	WG1452109
Toluene	0.00100		0.00100	1	03/28/2020 22:31	WG1452109
Ethylbenzene	0.0275		0.00100	1	03/28/2020 22:31	WG1452109
Total Xylenes	0.0522		0.00300	1	03/28/2020 22:31	WG1452109
(S) Toluene-d8	*105*		*80.0-120*		*03/28/2020 22:31*	WG1452109
(S) 4-Bromofluorobenzene	*112*		*77.0-126*		*03/28/2020 22:31*	WG1452109
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*03/28/2020 22:31*	WG1452109

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/25/2020 08:34	WG1449705
Toluene	ND		0.00100	1	03/25/2020 08:34	WG1449705
Ethylbenzene	ND		0.00100	1	03/25/2020 08:34	WG1449705
Total Xylenes	ND		0.00300	1	03/25/2020 08:34	WG1449705
(S) Toluene-d8	*110*		*80.0-120*		*03/25/2020 08:34*	WG1449705
(S) 4-Bromofluorobenzene	*94.1*		*77.0-126*		*03/25/2020 08:34*	WG1449705
(S) 1,2-Dichloroethane-d4	*114*		*70.0-130*		*03/25/2020 08:34*	WG1449705

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/25/2020 08:54	WG1449705
Toluene	ND		0.00100	1	03/25/2020 08:54	WG1449705
Ethylbenzene	ND		0.00100	1	03/25/2020 08:54	WG1449705
Total Xylenes	ND		0.00300	1	03/25/2020 08:54	WG1449705
(S) Toluene-d8	*111*		*80.0-120*		*03/25/2020 08:54*	WG1449705
(S) 4-Bromofluorobenzene	*96.1*		*77.0-126*		*03/25/2020 08:54*	WG1449705
(S) 1,2-Dichloroethane-d4	*114*		*70.0-130*		*03/25/2020 08:54*	WG1449705

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/25/2020 09:15	WG1449705
Toluene	ND		0.00100	1	03/25/2020 09:15	WG1449705
Ethylbenzene	ND		0.00100	1	03/25/2020 09:15	WG1449705
Total Xylenes	ND		0.00300	1	03/25/2020 09:15	WG1449705
(S) Toluene-d8	*113*		*80.0-120*		*03/25/2020 09:15*	WG1449705
(S) 4-Bromofluorobenzene	*97.4*		*77.0-126*		*03/25/2020 09:15*	WG1449705
(S) 1,2-Dichloroethane-d4	*113*		*70.0-130*		*03/25/2020 09:15*	WG1449705

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/25/2020 07:57	WG1449750
Toluene	ND		0.00100	1	03/25/2020 07:57	WG1449750
Ethylbenzene	ND		0.00100	1	03/25/2020 07:57	WG1449750
Total Xylenes	ND		0.00300	1	03/25/2020 07:57	WG1449750
(S) Toluene-d8	*113*		*80.0-120*		*03/25/2020 07:57*	WG1449750
(S) 4-Bromofluorobenzene	*97.4*		*77.0-126*		*03/25/2020 07:57*	WG1449750
(S) 1,2-Dichloroethane-d4	*113*		*70.0-130*		*03/25/2020 07:57*	WG1449750

Method Blank (MB)

(MB) R3513190-2 03/25/20 03:03

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000331	0.00100
Ethylbenzene	U		0.000384	0.00100
Toluene	U		0.000412	0.00100
Xylenes, Total	U		0.00106	0.00300
(S) Toluene-d8	*112*			*80.0-120*
(S) 4-Bromofluorobenzene	*91.5*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3513190-1 03/25/20 02:23

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00470	94.0	70.0-123	
Ethylbenzene	0.00500	0.00428	85.6	79.0-123	
Toluene	0.00500	0.00462	92.4	79.0-120	
Xylenes, Total	0.0150	0.0132	88.0	79.0-123	
(S) Toluene-d8			*109*	*80.0-120*	
(S) 4-Bromofluorobenzene			*92.8*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*115*	*70.0-130*	

Method Blank (MB)

(MB) R3512602-2 03/25/20 06:19

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000331	0.00100
Ethylbenzene	U		0.000384	0.00100
Toluene	U		0.000412	0.00100
Xylenes, Total	U		0.00106	0.00300
(S) Toluene-d8	*114*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3512602-1 03/25/20 05:05

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00512	102	70.0-123	
Ethylbenzene	0.00500	0.00479	95.8	79.0-123	
Toluene	0.00500	0.00500	100	79.0-120	
Xylenes, Total	0.0150	0.0144	96.0	79.0-123	
(S) Toluene-d8			*109*	*80.0-120*	
(S) 4-Bromofluorobenzene			*97.4*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*111*	*70.0-130*	

Method Blank (MB)

(MB) R3513648-2 03/28/20 22:11

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000331	0.00100
Ethylbenzene	U		0.000384	0.00100
Toluene	U		0.000412	0.00100
Xylenes, Total	U		0.00106	0.00300
(S) Toluene-d8	*113*			*80.0-120*
(S) 4-Bromofluorobenzene	*106*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3513648-1 03/28/20 20:50

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00475	95.0	70.0-123	
Ethylbenzene	0.00500	0.00479	95.8	79.0-123	
Toluene	0.00500	0.00504	101	79.0-120	
Xylenes, Total	0.0150	0.0149	99.3	79.0-123	
(S) Toluene-d8			*108*	*80.0-120*	
(S) 4-Bromofluorobenzene			*106*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*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.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

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

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* 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 National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
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	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

Third Party Federal Accreditations

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

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.

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#5

City/State Collected: EUNICE NM

Phone: 979-997-2338
Fax:

Client Project # PAA12015

Lab Project # PLAINSENT-VAC5

Collected by (print): CHRIS SANCHEZ

Site/Facility ID # SRS - 2003-00134

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)
MW1		GW		3/18/20	1200	2		X		01
MW2		GW			1150					02
MW3		GW			1110					03
MW4		GW			1120					04
MW5		GW			1030					05
MW6		GW			1140					06
MW7		GW			1210					07
RW1		GW			1220					08
RW4		GW			1130					09
RW5		GW		3/18/20	1100	2		X		10

Analysis / Container / Preservative

Chain of Custody Page 1 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# 1201828

G055

Acctnum: PLAINSENT
Template: T94130
Prelogin: P707766
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

	Date:	Time:		
Relinquished by : (Signature)	3/20/20	17:00	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature)	3.22.20	1033	Received by: (Signature)	Temp: 4.0-2=3.8 °C Bottles Received: AG CK 24
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 3/23/20 Time: 9:30

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

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#5

City/State Collected: EUNICE NM

Phone: 979-997-2338
Fax:

Client Project # PAA12015

Lab Project # PLAINSENT-VAC5

Collected by (print): CHRIS SANCHEZ

Site/Facility ID # SRS - 2003-00134

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)
RW6		GW		3/18/20	1040	2		X		11
RW7		GW		3/18/20	1050	2		X		12
		GW								
		GW								
		GW								
		GW								
		GW								
		GW								
		GW								
		GW								
		GW								

Analysis / Container / Preservative

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 # 120128

Table #

Acctnum: PLAINSENT
Template: T94130
Prelogin: P707766
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)
	3/20/20	17:00	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	3/22/20	10:30	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: 4.0, 3.5 °C Bottles Received: 16 CK 24

Date: 3/23/20 Time: 9:30

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

June 28, 2020

Plains All American Pipeline

Sample Delivery Group:	L1231256
Samples Received:	06/19/2020
Project Number:	PAA12015
Description:	Vac to Jal#5
Site:	SRS - 2003-00134
Report To:	Kathleen Buxton 21 Waterway Ave., Suite 300 The Woodlands, TX 77380

Entire Report Reviewed By:

Mark W. Beasley
Project Manager

TABLE OF CONTENTS

MW-1 L1231256-01 GW

Collected by: Chris Sanchez | Collected date/time: 06/17/20 14:35 | Received date/time: 06/19/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1496705	1	06/22/20 08:11	06/22/20 08:11	ADM	Mt. Juliet, TN

MW-2 L1231256-02 GW

Collected by: Chris Sanchez | Collected date/time: 06/17/20 13:10 | Received date/time: 06/19/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1496705	1	06/22/20 08:30	06/22/20 08:30	ADM	Mt. Juliet, TN

MW-3 L1231256-03 GW

Collected by: Chris Sanchez | Collected date/time: 06/17/20 14:20 | Received date/time: 06/19/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1496705	1	06/22/20 08:49	06/22/20 08:49	ADM	Mt. Juliet, TN

MW-4 L1231256-04 GW

Collected by: Chris Sanchez | Collected date/time: 06/17/20 12:20 | Received date/time: 06/19/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1496705	1	06/22/20 09:08	06/22/20 09:08	ADM	Mt. Juliet, TN

MW-5 L1231256-05 GW

Collected by: Chris Sanchez | Collected date/time: 06/17/20 14:40 | Received date/time: 06/19/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1496705	1	06/22/20 09:27	06/22/20 09:27	ADM	Mt. Juliet, TN

MW-6 L1231256-06 GW

Collected by: Chris Sanchez | Collected date/time: 06/17/20 13:00 | Received date/time: 06/19/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1496705	1	06/22/20 09:46	06/22/20 09:46	ADM	Mt. Juliet, TN

MW-7 L1231256-07 GW

Collected by: Chris Sanchez | Collected date/time: 06/17/20 13:20 | Received date/time: 06/19/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1496705	1	06/22/20 10:06	06/22/20 10:06	ADM	Mt. Juliet, TN

RW-1 L1231256-08 GW

Collected by: Chris Sanchez | Collected date/time: 06/17/20 16:35 | Received date/time: 06/19/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1496705	1	06/22/20 10:25	06/22/20 10:25	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1497878	1	06/23/20 22:50	06/24/20 03:25	DMG	Mt. Juliet, TN

RW-2 L1231256-09 GW

Collected by: Chris Sanchez | Collected date/time: 06/17/20 15:30 | Received date/time: 06/19/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1500261	1	06/28/20 05:03	06/28/20 05:03	JAH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1497878	1	06/23/20 22:50	06/24/20 03:48	DMG	Mt. Juliet, TN

RW-3 L1231256-10 GW

Collected by: Chris Sanchez | Collected date/time: 06/17/20 14:00 | Received date/time: 06/19/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1500261	1	06/28/20 05:23	06/28/20 05:23	JAH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1497878	1	06/23/20 22:50	06/24/20 04:11	DMG	Mt. Juliet, TN

RW-4 L1231256-11 GW

Collected by: Chris Sanchez | Collected date/time: 06/17/20 14:30 | Received date/time: 06/19/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1496730	1	06/22/20 07:34	06/22/20 07:34	TJJ	Mt. Juliet, TN

RW-5 L1231256-12 GW

Collected by: Chris Sanchez | Collected date/time: 06/17/20 13:50 | Received date/time: 06/19/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1496730	1	06/22/20 07:55	06/22/20 07:55	TJJ	Mt. Juliet, TN

RW-6 L1231256-13 GW

Collected by: Chris Sanchez | Collected date/time: 06/17/20 13:30 | Received date/time: 06/19/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1496730	1	06/22/20 08:15	06/22/20 08:15	TJJ	Mt. Juliet, TN

RW-7 L1231256-14 GW

Collected by: Chris Sanchez | Collected date/time: 06/17/20 13:40 | Received date/time: 06/19/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1496730	1	06/22/20 08:36	06/22/20 08:36	TJJ	Mt. Juliet, TN

RW-8 L1231256-15 GW

Collected by: Chris Sanchez | Collected date/time: 06/17/20 14:10 | Received date/time: 06/19/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1496730	5	06/22/20 13:04	06/22/20 13:04	TJJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1497878	1	06/23/20 22:50	06/24/20 04:35	DMG	Mt. Juliet, TN

DUP-01 L1231256-16 GW

Collected by: Chris Sanchez | Collected date/time: 06/17/20 00:00 | Received date/time: 06/19/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1496730	1	06/22/20 08:57	06/22/20 08:57	TJJ	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.

Mark W. Beasley
Project Manager

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	06/22/2020 08:11	WG1496705
Toluene	ND		0.00100	1	06/22/2020 08:11	WG1496705
Ethylbenzene	ND		0.00100	1	06/22/2020 08:11	WG1496705
Total Xylenes	ND		0.00300	1	06/22/2020 08:11	WG1496705
(S) Toluene-d8	*113*		*80.0-120*		*06/22/2020 08:11*	WG1496705
(S) 4-Bromofluorobenzene	*100*		*77.0-126*		*06/22/2020 08:11*	WG1496705
(S) 1,2-Dichloroethane-d4	*98.8*		*70.0-130*		*06/22/2020 08:11*	WG1496705

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	06/22/2020 08:30	WG1496705
Toluene	ND		0.00100	1	06/22/2020 08:30	WG1496705
Ethylbenzene	ND		0.00100	1	06/22/2020 08:30	WG1496705
Total Xylenes	ND		0.00300	1	06/22/2020 08:30	WG1496705
(S) Toluene-d8	*109*		*80.0-120*		*06/22/2020 08:30*	WG1496705
(S) 4-Bromofluorobenzene	*102*		*77.0-126*		*06/22/2020 08:30*	WG1496705
(S) 1,2-Dichloroethane-d4	*99.9*		*70.0-130*		*06/22/2020 08:30*	WG1496705

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	06/22/2020 08:49	WG1496705
Toluene	ND		0.00100	1	06/22/2020 08:49	WG1496705
Ethylbenzene	ND		0.00100	1	06/22/2020 08:49	WG1496705
Total Xylenes	ND		0.00300	1	06/22/2020 08:49	WG1496705
(S) Toluene-d8	*108*		*80.0-120*		*06/22/2020 08:49*	WG1496705
(S) 4-Bromofluorobenzene	*102*		*77.0-126*		*06/22/2020 08:49*	WG1496705
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*06/22/2020 08:49*	WG1496705

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	06/22/2020 09:08	WG1496705
Toluene	ND		0.00100	1	06/22/2020 09:08	WG1496705
Ethylbenzene	ND		0.00100	1	06/22/2020 09:08	WG1496705
Total Xylenes	ND		0.00300	1	06/22/2020 09:08	WG1496705
(S) Toluene-d8	*110*		*80.0-120*		*06/22/2020 09:08*	WG1496705
(S) 4-Bromofluorobenzene	*100*		*77.0-126*		*06/22/2020 09:08*	WG1496705
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*06/22/2020 09:08*	WG1496705

MW-3
Collected date/time: 06/17/20 14:40

SAMPLE RESULTS - 05

L1231256

ONE LAB. NATIONWIDE.

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	06/22/2020 09:27	WG1496705
Toluene	ND		0.00100	1	06/22/2020 09:27	WG1496705
Ethylbenzene	ND		0.00100	1	06/22/2020 09:27	WG1496705
Total Xylenes	ND		0.00300	1	06/22/2020 09:27	WG1496705
(S) Toluene-d8	*109*		*80.0-120*		*06/22/2020 09:27*	WG1496705
(S) 4-Bromofluorobenzene	*102*		*77.0-126*		*06/22/2020 09:27*	WG1496705
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*06/22/2020 09:27*	WG1496705

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	06/22/2020 09:46	WG1496705
Toluene	ND		0.00100	1	06/22/2020 09:46	WG1496705
Ethylbenzene	ND		0.00100	1	06/22/2020 09:46	WG1496705
Total Xylenes	ND		0.00300	1	06/22/2020 09:46	WG1496705
(S) Toluene-d8	*110*		*80.0-120*		*06/22/2020 09:46*	WG1496705
(S) 4-Bromofluorobenzene	*103*		*77.0-126*		*06/22/2020 09:46*	WG1496705
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*06/22/2020 09:46*	WG1496705

MW-7
Collected date/time: 06/17/20 13:20

SAMPLE RESULTS - 07

L1231256

ONE LAB. NATIONWIDE.

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	06/22/2020 10:06	WG1496705
Toluene	ND		0.00100	1	06/22/2020 10:06	WG1496705
Ethylbenzene	ND		0.00100	1	06/22/2020 10:06	WG1496705
Total Xylenes	ND		0.00300	1	06/22/2020 10:06	WG1496705
(S) Toluene-d8	*112*		*80.0-120*		*06/22/2020 10:06*	WG1496705
(S) 4-Bromofluorobenzene	*103*		*77.0-126*		*06/22/2020 10:06*	WG1496705
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*06/22/2020 10:06*	WG1496705

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00794		0.00100	1	06/22/2020 10:25	WG1496705
Toluene	ND		0.00100	1	06/22/2020 10:25	WG1496705
Ethylbenzene	0.0515		0.00100	1	06/22/2020 10:25	WG1496705
Total Xylenes	0.0847		0.00300	1	06/22/2020 10:25	WG1496705
(S) Toluene-d8	*106*		*80.0-120*		*06/22/2020 10:25*	WG1496705
(S) 4-Bromofluorobenzene	*103*		*77.0-126*		*06/22/2020 10:25*	WG1496705
(S) 1,2-Dichloroethane-d4	*99.9*		*70.0-130*		*06/22/2020 10:25*	WG1496705

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	06/24/2020 03:25	WG1497878
Acenaphthene	0.000103		0.0000500	1	06/24/2020 03:25	WG1497878
Acenaphthylene	ND		0.0000500	1	06/24/2020 03:25	WG1497878
Benzo(a)anthracene	ND		0.0000500	1	06/24/2020 03:25	WG1497878
Benzo(a)pyrene	ND		0.0000500	1	06/24/2020 03:25	WG1497878
Benzo(b)fluoranthene	ND		0.0000500	1	06/24/2020 03:25	WG1497878
Benzo(g,h,i)perylene	ND		0.0000500	1	06/24/2020 03:25	WG1497878
Benzo(k)fluoranthene	ND		0.0000500	1	06/24/2020 03:25	WG1497878
Chrysene	ND		0.0000500	1	06/24/2020 03:25	WG1497878
Dibenz(a,h)anthracene	ND		0.0000500	1	06/24/2020 03:25	WG1497878
Dibenzofuran	0.000319		0.0000500	1	06/24/2020 03:25	WG1497878
Fluoranthene	ND		0.000100	1	06/24/2020 03:25	WG1497878
Fluorene	0.000339		0.0000500	1	06/24/2020 03:25	WG1497878
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	06/24/2020 03:25	WG1497878
Naphthalene	0.00130		0.000250	1	06/24/2020 03:25	WG1497878
Phenanthrene	0.000250		0.0000500	1	06/24/2020 03:25	WG1497878
Pyrene	ND		0.0000500	1	06/24/2020 03:25	WG1497878
1-Methylnaphthalene	0.00371		0.000250	1	06/24/2020 03:25	WG1497878
2-Methylnaphthalene	0.00125		0.000250	1	06/24/2020 03:25	WG1497878
2-Chloronaphthalene	ND		0.000250	1	06/24/2020 03:25	WG1497878
(S) Nitrobenzene-d5	*127*		*31.0-160*		*06/24/2020 03:25*	WG1497878
(S) 2-Fluorobiphenyl	*78.9*		*48.0-148*		*06/24/2020 03:25*	WG1497878
(S) p-Terphenyl-d14	*76.8*		*37.0-146*		*06/24/2020 03:25*	WG1497878

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00404		0.00100	1	06/28/2020 05:03	WG1500261
Toluene	0.00410		0.00100	1	06/28/2020 05:03	WG1500261
Ethylbenzene	0.0158		0.00100	1	06/28/2020 05:03	WG1500261
Total Xylenes	0.0641		0.00300	1	06/28/2020 05:03	WG1500261
(S) Toluene-d8	*104*		*80.0-120*		*06/28/2020 05:03*	WG1500261
(S) 4-Bromofluorobenzene	*98.9*		*77.0-126*		*06/28/2020 05:03*	WG1500261
(S) 1,2-Dichloroethane-d4	*105*		*70.0-130*		*06/28/2020 05:03*	WG1500261

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	06/24/2020 03:48	WG1497878
Acenaphthene	ND		0.0000500	1	06/24/2020 03:48	WG1497878
Acenaphthylene	ND		0.0000500	1	06/24/2020 03:48	WG1497878
Benzo(a)anthracene	ND		0.0000500	1	06/24/2020 03:48	WG1497878
Benzo(a)pyrene	ND		0.0000500	1	06/24/2020 03:48	WG1497878
Benzo(b)fluoranthene	ND		0.0000500	1	06/24/2020 03:48	WG1497878
Benzo(g,h,i)perylene	ND		0.0000500	1	06/24/2020 03:48	WG1497878
Benzo(k)fluoranthene	ND		0.0000500	1	06/24/2020 03:48	WG1497878
Chrysene	ND		0.0000500	1	06/24/2020 03:48	WG1497878
Dibenz(a,h)anthracene	ND		0.0000500	1	06/24/2020 03:48	WG1497878
Dibenzofuran	0.0000739		0.0000500	1	06/24/2020 03:48	WG1497878
Fluoranthene	ND		0.000100	1	06/24/2020 03:48	WG1497878
Fluorene	0.0000873		0.0000500	1	06/24/2020 03:48	WG1497878
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	06/24/2020 03:48	WG1497878
Naphthalene	ND		0.000250	1	06/24/2020 03:48	WG1497878
Phenanthrene	ND		0.0000500	1	06/24/2020 03:48	WG1497878
Pyrene	ND		0.0000500	1	06/24/2020 03:48	WG1497878
1-Methylnaphthalene	0.000322		0.000250	1	06/24/2020 03:48	WG1497878
2-Methylnaphthalene	ND		0.000250	1	06/24/2020 03:48	WG1497878
2-Chloronaphthalene	ND		0.000250	1	06/24/2020 03:48	WG1497878
(S) Nitrobenzene-d5	*125*		*31.0-160*		*06/24/2020 03:48*	WG1497878
(S) 2-Fluorobiphenyl	*77.4*		*48.0-148*		*06/24/2020 03:48*	WG1497878
(S) p-Terphenyl-d14	*80.0*		*37.0-146*		*06/24/2020 03:48*	WG1497878

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	06/28/2020 05:23	WG1500261
Toluene	ND		0.00100	1	06/28/2020 05:23	WG1500261
Ethylbenzene	0.00789		0.00100	1	06/28/2020 05:23	WG1500261
Total Xylenes	0.0179		0.00300	1	06/28/2020 05:23	WG1500261
(S) Toluene-d8	*105*		*80.0-120*		*06/28/2020 05:23*	WG1500261
(S) 4-Bromofluorobenzene	*98.8*		*77.0-126*		*06/28/2020 05:23*	WG1500261
(S) 1,2-Dichloroethane-d4	*106*		*70.0-130*		*06/28/2020 05:23*	WG1500261

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	06/24/2020 04:11	WG1497878
Acenaphthene	0.0000589		0.0000500	1	06/24/2020 04:11	WG1497878
Acenaphthylene	ND		0.0000500	1	06/24/2020 04:11	WG1497878
Benzo(a)anthracene	ND		0.0000500	1	06/24/2020 04:11	WG1497878
Benzo(a)pyrene	ND		0.0000500	1	06/24/2020 04:11	WG1497878
Benzo(b)fluoranthene	ND		0.0000500	1	06/24/2020 04:11	WG1497878
Benzo(g,h,i)perylene	ND		0.0000500	1	06/24/2020 04:11	WG1497878
Benzo(k)fluoranthene	ND		0.0000500	1	06/24/2020 04:11	WG1497878
Chrysene	ND		0.0000500	1	06/24/2020 04:11	WG1497878
Dibenz(a,h)anthracene	ND		0.0000500	1	06/24/2020 04:11	WG1497878
Dibenzofuran	0.000708		0.0000500	1	06/24/2020 04:11	WG1497878
Fluoranthene	ND		0.000100	1	06/24/2020 04:11	WG1497878
Fluorene	0.000202		0.0000500	1	06/24/2020 04:11	WG1497878
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	06/24/2020 04:11	WG1497878
Naphthalene	0.00130		0.000250	1	06/24/2020 04:11	WG1497878
Phenanthrene	0.000224		0.0000500	1	06/24/2020 04:11	WG1497878
Pyrene	ND		0.0000500	1	06/24/2020 04:11	WG1497878
1-Methylnaphthalene	0.00187		0.000250	1	06/24/2020 04:11	WG1497878
2-Methylnaphthalene	0.00129		0.000250	1	06/24/2020 04:11	WG1497878
2-Chloronaphthalene	ND		0.000250	1	06/24/2020 04:11	WG1497878
(S) Nitrobenzene-d5	*123*		*31.0-160*		*06/24/2020 04:11*	WG1497878
(S) 2-Fluorobiphenyl	*80.5*		*48.0-148*		*06/24/2020 04:11*	WG1497878
(S) p-Terphenyl-d14	*77.9*		*37.0-146*		*06/24/2020 04:11*	WG1497878

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	06/22/2020 07:34	WG1496730
Toluene	ND		0.00100	1	06/22/2020 07:34	WG1496730
Ethylbenzene	ND		0.00100	1	06/22/2020 07:34	WG1496730
Total Xylenes	ND		0.00300	1	06/22/2020 07:34	WG1496730
(S) Toluene-d8	*106*		*80.0-120*		*06/22/2020 07:34*	WG1496730
(S) 4-Bromofluorobenzene	*97.8*		*77.0-126*		*06/22/2020 07:34*	WG1496730
(S) 1,2-Dichloroethane-d4	*105*		*70.0-130*		*06/22/2020 07:34*	WG1496730

RW-3
Collected date/time: 06/17/20 13:50

SAMPLE RESULTS - 12

L1231256

ONE LAB. NATIONWIDE.

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	06/22/2020 07:55	WG1496730
Toluene	ND		0.00100	1	06/22/2020 07:55	WG1496730
Ethylbenzene	ND		0.00100	1	06/22/2020 07:55	WG1496730
Total Xylenes	ND		0.00300	1	06/22/2020 07:55	WG1496730
(S) Toluene-d8	*110*		*80.0-120*		*06/22/2020 07:55*	WG1496730
(S) 4-Bromofluorobenzene	*101*		*77.0-126*		*06/22/2020 07:55*	WG1496730
(S) 1,2-Dichloroethane-d4	*104*		*70.0-130*		*06/22/2020 07:55*	WG1496730

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	06/22/2020 08:15	WG1496730
Toluene	ND		0.00100	1	06/22/2020 08:15	WG1496730
Ethylbenzene	ND		0.00100	1	06/22/2020 08:15	WG1496730
Total Xylenes	ND		0.00300	1	06/22/2020 08:15	WG1496730
(S) Toluene-d8	*108*		*80.0-120*		*06/22/2020 08:15*	WG1496730
(S) 4-Bromofluorobenzene	*101*		*77.0-126*		*06/22/2020 08:15*	WG1496730
(S) 1,2-Dichloroethane-d4	*99.4*		*70.0-130*		*06/22/2020 08:15*	WG1496730

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00150		0.00100	1	06/22/2020 08:36	WG1496730
Toluene	ND		0.00100	1	06/22/2020 08:36	WG1496730
Ethylbenzene	0.00556		0.00100	1	06/22/2020 08:36	WG1496730
Total Xylenes	ND		0.00300	1	06/22/2020 08:36	WG1496730
(S) Toluene-d8	*110*		*80.0-120*		*06/22/2020 08:36*	WG1496730
(S) 4-Bromofluorobenzene	*108*		*77.0-126*		*06/22/2020 08:36*	WG1496730
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*06/22/2020 08:36*	WG1496730

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0424		0.00500	5	06/22/2020 13:04	WG1496730
Toluene	ND		0.00500	5	06/22/2020 13:04	WG1496730
Ethylbenzene	0.115		0.00500	5	06/22/2020 13:04	WG1496730
Total Xylenes	0.258		0.0150	5	06/22/2020 13:04	WG1496730
(S) Toluene-d8	*111*		*80.0-120*		*06/22/2020 13:04*	WG1496730
(S) 4-Bromofluorobenzene	*114*		*77.0-126*		*06/22/2020 13:04*	WG1496730
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*06/22/2020 13:04*	WG1496730

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	06/24/2020 04:35	WG1497878
Acenaphthene	0.000303		0.0000500	1	06/24/2020 04:35	WG1497878
Acenaphthylene	ND		0.0000500	1	06/24/2020 04:35	WG1497878
Benzo(a)anthracene	ND		0.0000500	1	06/24/2020 04:35	WG1497878
Benzo(a)pyrene	ND		0.0000500	1	06/24/2020 04:35	WG1497878
Benzo(b)fluoranthene	ND		0.0000500	1	06/24/2020 04:35	WG1497878
Benzo(g,h,i)perylene	ND		0.0000500	1	06/24/2020 04:35	WG1497878
Benzo(k)fluoranthene	ND		0.0000500	1	06/24/2020 04:35	WG1497878
Chrysene	ND		0.0000500	1	06/24/2020 04:35	WG1497878
Dibenz(a,h)anthracene	ND		0.0000500	1	06/24/2020 04:35	WG1497878
Dibenzofuran	0.00238		0.0000500	1	06/24/2020 04:35	WG1497878
Fluoranthene	ND		0.000100	1	06/24/2020 04:35	WG1497878
Fluorene	0.00148		0.0000500	1	06/24/2020 04:35	WG1497878
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	06/24/2020 04:35	WG1497878
Naphthalene	0.0122		0.000250	1	06/24/2020 04:35	WG1497878
Phenanthrene	0.000925		0.0000500	1	06/24/2020 04:35	WG1497878
Pyrene	ND		0.0000500	1	06/24/2020 04:35	WG1497878
1-Methylnaphthalene	0.0178		0.000250	1	06/24/2020 04:35	WG1497878
2-Methylnaphthalene	0.00755		0.000250	1	06/24/2020 04:35	WG1497878
2-Chloronaphthalene	ND		0.000250	1	06/24/2020 04:35	WG1497878
(S) Nitrobenzene-d5	*142*		*31.0-160*		*06/24/2020 04:35*	WG1497878
(S) 2-Fluorobiphenyl	*80.5*		*48.0-148*		*06/24/2020 04:35*	WG1497878
(S) p-Terphenyl-d14	*82.6*		*37.0-146*		*06/24/2020 04:35*	WG1497878

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	06/22/2020 08:57	WG1496730
Toluene	ND		0.00100	1	06/22/2020 08:57	WG1496730
Ethylbenzene	ND		0.00100	1	06/22/2020 08:57	WG1496730
Total Xylenes	ND		0.00300	1	06/22/2020 08:57	WG1496730
(S) Toluene-d8	*110*		*80.0-120*		*06/22/2020 08:57*	WG1496730
(S) 4-Bromofluorobenzene	*109*		*77.0-126*		*06/22/2020 08:57*	WG1496730
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*06/22/2020 08:57*	WG1496730

Method Blank (MB)

(MB) R3543690-2 06/22/20 03:34

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*112*			*80.0-120*
(S) 4-Bromofluorobenzene	*101*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*92.8*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3543690-1 06/22/20 02:37

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00424	84.8	70.0-123	
Ethylbenzene	0.00500	0.00401	80.2	79.0-123	
Toluene	0.00500	0.00406	81.2	79.0-120	
Xylenes, Total	0.0150	0.0119	79.3	79.0-123	
(S) Toluene-d8			*106*	*80.0-120*	
(S) 4-Bromofluorobenzene			*101*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*104*	*70.0-130*	

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

Method Blank (MB)

(MB) R3543111-3 06/22/20 04:32

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*112*			*80.0-120*
(S) 4-Bromofluorobenzene	*108*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3543111-1 06/22/20 03:30

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00436	87.2	70.0-123	
Ethylbenzene	0.00500	0.00488	97.6	79.0-123	
Toluene	0.00500	0.00474	94.8	79.0-120	
Xylenes, Total	0.0150	0.0146	97.3	79.0-123	
(S) Toluene-d8			*105*	*80.0-120*	
(S) 4-Bromofluorobenzene			*107*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*108*	*70.0-130*	

Method Blank (MB)

(MB) R3543951-2 06/28/20 00:49

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*107*			*80.0-120*
(S) 4-Bromofluorobenzene	*95.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3543951-1 06/28/20 00:08

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00561	112	70.0-123	
Ethylbenzene	0.00500	0.00550	110	79.0-123	
Toluene	0.00500	0.00556	111	79.0-120	
Xylenes, Total	0.0150	0.0164	109	79.0-123	
(S) Toluene-d8			*106*	*80.0-120*	
(S) 4-Bromofluorobenzene			*100*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*108*	*70.0-130*	

Method Blank (MB)

(MB) R3542301-3 06/24/20 03:01

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Anthracene	U		0.0000190	0.0000500
Acenaphthene	U		0.0000190	0.0000500
Acenaphthylene	U		0.0000171	0.0000500
Benzo(a)anthracene	U		0.0000203	0.0000500
Benzo(a)pyrene	U		0.0000184	0.0000500
Benzo(b)fluoranthene	U		0.0000168	0.0000500
Benzo(g,h,i)perylene	U		0.0000184	0.0000500
Benzo(k)fluoranthene	U		0.0000202	0.0000500
Chrysene	U		0.0000179	0.0000500
Dibenz(a,h)anthracene	U		0.0000160	0.0000500
Fluoranthene	U		0.0000270	0.000100
Fluorene	U		0.0000169	0.0000500
Indeno(1,2,3-cd)pyrene	U		0.0000158	0.0000500
Naphthalene	U		0.0000917	0.000250
Phenanthrene	U		0.0000180	0.0000500
Pyrene	U		0.0000169	0.0000500
1-Methylnaphthalene	U		0.0000687	0.000250
2-Methylnaphthalene	U		0.0000674	0.000250
2-Chloronaphthalene	U		0.0000682	0.000250
Dibenzofuran	U		0.0000191	0.0000500
(S) Nitrobenzene-d5	*113*			*31.0-160*
(S) 2-Fluorobiphenyl	*81.0*			*48.0-148*
(S) p-Terphenyl-d14	*68.0*			*37.0-146*

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

(LCS) R3542301-1 06/24/20 02:14 • (LCSD) R3542301-2 06/24/20 02:37

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	0.00160	0.00159	80.0	79.5	67.0-134			0.627	20
Anthracene	0.00200	0.00164	0.00168	82.0	84.0	67.0-150			2.41	20
Acenaphthene	0.00200	0.00160	0.00163	80.0	81.5	65.0-138			1.86	20
Acenaphthylene	0.00200	0.00161	0.00164	80.5	82.0	66.0-140			1.85	20
Benzo(a)anthracene	0.00200	0.00169	0.00170	84.5	85.0	61.0-140			0.590	20
Benzo(a)pyrene	0.00200	0.00175	0.00172	87.5	86.0	60.0-143			1.73	20
Benzo(b)fluoranthene	0.00200	0.00155	0.00173	77.5	86.5	58.0-141			11.0	20
Benzo(g,h,i)perylene	0.00200	0.00167	0.00193	83.5	96.5	52.0-153			14.4	20
Benzo(k)fluoranthene	0.00200	0.00180	0.00159	90.0	79.5	58.0-148			12.4	20
Chrysene	0.00200	0.00168	0.00167	84.0	83.5	64.0-144			0.597	20

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM L1231256-08,09,10,15

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

(LCS) R3542301-1 06/24/20 02:14 • (LCSD) R3542301-2 06/24/20 02:37

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 %
Dibenz(a,h)anthracene	0.00200	0.00168	0.00198	84.0	99.0	52.0-155			16.4	20
Fluoranthene	0.00200	0.00175	0.00177	87.5	88.5	69.0-153			1.14	20
Fluorene	0.00200	0.00165	0.00166	82.5	83.0	64.0-136			0.604	20
Indeno(1,2,3-cd)pyrene	0.00200	0.00168	0.00196	84.0	98.0	54.0-153			15.4	20
Naphthalene	0.00200	0.00162	0.00165	81.0	82.5	61.0-137			1.83	20
Phenanthrene	0.00200	0.00158	0.00163	79.0	81.5	62.0-137			3.12	20
Pyrene	0.00200	0.00166	0.00168	83.0	84.0	60.0-142			1.20	20
1-Methylnaphthalene	0.00200	0.00158	0.00164	79.0	82.0	66.0-142			3.73	20
2-Methylnaphthalene	0.00200	0.00155	0.00157	77.5	78.5	62.0-136			1.28	20
2-Chloronaphthalene	0.00200	0.00144	0.00148	72.0	74.0	64.0-140			2.74	20
(S) Nitrobenzene-d5				*112*	*116*	*31.0-160*				
(S) 2-Fluorobiphenyl				*79.5*	*79.5*	*48.0-148*				
(S) p-Terphenyl-d14				*74.5*	*74.5*	*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.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

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

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* 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 National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
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	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

Third Party Federal Accreditations

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

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.

ACCOUNT:	PROJECT:	SDG:	DATE/TIME:	PAGE:
Plains All American Pipeline	PAA12015	L1231256	06/28/20 20:49	28 of 32

Plains All American Pipeline - Entech

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

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

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 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

Report to: Kathleen Buxton

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

Project Description: Vac to Jal#5

City/State Collected: EUNICE, NM

L# 1231256
F050

Phone: 979-997-2338
Fax:

Client Project # PAA12015

Lab Project # PLAINSENT-VAC5

Collected by (print): CHRIS SANCHEZ

Site/Facility ID # SRS - 2003-00134

P.O. #

Acctnum: PLAINSENT
Template: T94130
Prelogin: P707766
TSR: 134 - Mark W. Beasley
PB:
Shipped Via:

Collected by (signature): [signature]

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

Quote #

Date Results Needed

Immediately Packed on Ice N __ Y ✓

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	V8260BTEX 40mlAmb-HCl								Remarks	Sample # (lab only)
MW1		GW		06-17-20	1435	2X	X	X									-01
MW2		GW		↑	1310	2		X									-02
MW3		GW			1420	2		X									-03
MW4		GW			1220	2X	X	X									-04
MW5		GW			1440	2		X									-05
MW6		GW			1300	2		X									-06
MW7		GW			1320	2X	X	X									-07
RW1		GW			1635	4	X	X									-08
RW2		GW		↓	1530	4	X	X									-09
RW3		GW		06-17-20	1400	4/2		X									-10

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

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Sample Receipt Checklist
COC Seal Present/Intact: _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

Samples returned via:
_ UPS _ FedEx _ Courier ____

Tracking # 4510 1659 5921

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR
[signature]	6.18.20	10:30	[signature]	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: A7 °C 1.1-.1=1.0 — Bottles Received: 40
[signature]	6.18.20	15:45	FedEx	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 061920 Time: 0845
			[signature]	

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

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#5

City/State Collected: EUNICE, NM

Phone: 979-997-2338
Fax:

Client Project # PAA12015

Lab Project # PLAINSENT-VAC5

Collected by (print): CHRIS SANCHEZ

Site/Facility ID # SRS - 2003-00134

P.O. #

Collected by (signature):

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

Quote #

Date Results Needed

Immediately
Packed on Ice N ___ Y ___

Analysis / Container / Preservative

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# 191256

Table #

Acctnum: PLAINSENT
Template: T94130
Prelogin: P707766
TSR: 134 - Mark W. Beasley
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
RW4		GW		06-17-20	1430	2	X	X		-11
RW5		GW			1350					-12
RW6		GW			1330					-13
RW7		GW			1340					-14
RW8		GW			1410	4				-15
DUP-01		GW		06-17-20	—	2	X	X		-16
		GW								
		GW								
		GW								
		GW								

* 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)
	6.18.20	1030	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	6.18.20	1545	FedEx
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: 4.7 °C Bottles Received: 40
1.1-1=1.0

If preservation required by Login: Date/Time

Date: 06/19/20 Time: 0845

Hold:

Condition: NCF / OK

Cole Medley

Login #: L1231256	Client: PLAINSENT	Date:06/19/20	Evaluated by:Cole Medley

Non-Conformance (check applicable items)

	Sample Integrity		Chain of Custody Clarification		
	Parameter(s) past holding time	X	Login Clarification Needed		**If Broken Container:**
	Temperature not in range		Chain of custody is incomplete		Insufficient packing material around container
	Improper container type		Please specify Metals requested.		Insufficient packing material inside cooler
	pH not in range.		Please specify TCLP requested.		Improper handling by carrier (FedEx / UPS / Cour
	Insufficient sample volume.		Received additional samples not listed on coc.		Sample was frozen
	Sample is biphasic.		Sample ids on containers do not match ids on coc		Container lid not intact
	Vials received with headspace.		Trip Blank not received.		**If no Chain of Custody:**
	Broken container		Client did not "X" analysis.		Received by:
	Broken container:		Chain of Custody is missing		Date/Time:
	Sufficient sample remains				Temp./Cont. Rec./pH:
					Carrier:
					Tracking#

Login Comments:

1. **ID: MW-1 on COC is labeled as MW- 7 on container, all colect date info matches. (We do have the actaual MW-7 ID) logged per COC.**
2. **For IDs: MW-1 , MW-4,and MW-7 are requesting PAHSIMLVI but we did not receive 40mlAmb-NoPres-WT containers.**
3. **For IDs: RW-3 & RW-8 received 40mlAmb-NoPres-WT containers even though PAHSIMLVI analysis was not requested.**

Client informed by:		Call		Email		Voice Mail		Date: 6/23/20	Time: 1320
TSR Initials: MB	Client Contact: Tried Chris Sanchez								

Login Instructions:

1) Log as MW-1 per COC
2) Disregard PAHs
3) Add PAHSIMLVI to RW-3 & RW-8

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

September 28, 2020

Plains All American Pipeline

Sample Delivery Group:	L1263780
Samples Received:	09/18/2020
Project Number:	PAA12015
Description:	Vac to Jal#5
Site:	SRS - 2003-00134
Report To:	Kathleen Buxton 21 Waterway Ave., Suite 300 The Woodlands, TX 77380

Entire Report Reviewed By:

Mark W. Beasley
Project Manager

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

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MW1 L1263780-01 GW

Collected by: Chris Sanchez | Collected date/time: 09/16/20 10:45 | Received date/time: 09/18/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1547712	1	09/23/20 19:20	09/23/20 19:20	DWR	Mt. Juliet, TN

MW2 L1263780-02 GW

Collected by: Chris Sanchez | Collected date/time: 09/16/20 10:40 | Received date/time: 09/18/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1547712	1	09/23/20 19:39	09/23/20 19:39	DWR	Mt. Juliet, TN

MW3 L1263780-03 GW

Collected by: Chris Sanchez | Collected date/time: 09/16/20 10:20 | Received date/time: 09/18/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1547712	1	09/23/20 19:58	09/23/20 19:58	DWR	Mt. Juliet, TN

MW4 L1263780-04 GW

Collected by: Chris Sanchez | Collected date/time: 09/16/20 10:25 | Received date/time: 09/18/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1547712	1	09/23/20 20:17	09/23/20 20:17	DWR	Mt. Juliet, TN

MW5 L1263780-05 GW

Collected by: Chris Sanchez | Collected date/time: 09/16/20 10:00 | Received date/time: 09/18/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1547712	1	09/23/20 20:36	09/23/20 20:36	DWR	Mt. Juliet, TN

MW6 L1263780-06 GW

Collected by: Chris Sanchez | Collected date/time: 09/16/20 10:35 | Received date/time: 09/18/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1547712	1	09/23/20 20:55	09/23/20 20:55	DWR	Mt. Juliet, TN

MW7 L1263780-07 GW

Collected by: Chris Sanchez | Collected date/time: 09/16/20 10:50 | Received date/time: 09/18/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1547712	1	09/23/20 21:15	09/23/20 21:15	DWR	Mt. Juliet, TN

RW1 L1263780-08 GW

Collected by: Chris Sanchez | Collected date/time: 09/16/20 10:55 | Received date/time: 09/18/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1547712	1	09/23/20 21:34	09/23/20 21:34	DWR	Mt. Juliet, TN

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

RW3 L1263780-09 GW

Collected by: Chris Sanchez
Collected date/time: 09/16/20 11:00
Received date/time: 09/18/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1547712	1	09/23/20 21:53	09/23/20 21:53	DWR	Mt. Juliet, TN

RW4 L1263780-10 GW

Collected by: Chris Sanchez
Collected date/time: 09/16/20 10:30
Received date/time: 09/18/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1547712	1	09/23/20 22:12	09/23/20 22:12	DWR	Mt. Juliet, TN

RW5 L1263780-11 GW

Collected by: Chris Sanchez
Collected date/time: 09/16/20 10:15
Received date/time: 09/18/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1547712	1	09/23/20 22:31	09/23/20 22:31	DWR	Mt. Juliet, TN

RW6 L1263780-12 GW

Collected by: Chris Sanchez
Collected date/time: 09/16/20 10:05
Received date/time: 09/18/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1547712	1	09/23/20 22:50	09/23/20 22:50	DWR	Mt. Juliet, TN

RW7 L1263780-13 GW

Collected by: Chris Sanchez
Collected date/time: 09/16/20 10:10
Received date/time: 09/18/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1547712	1	09/23/20 23:09	09/23/20 23:09	DWR	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.

Mark W. Beasley
Project Manager

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/23/2020 19:20	WG1547712
Toluene	ND		0.00100	1	09/23/2020 19:20	WG1547712
Ethylbenzene	ND		0.00100	1	09/23/2020 19:20	WG1547712
Total Xylenes	ND		0.00300	1	09/23/2020 19:20	WG1547712
(S) Toluene-d8	*99.2*		*80.0-120*		*09/23/2020 19:20*	WG1547712
(S) 4-Bromofluorobenzene	*108*		*77.0-126*		*09/23/2020 19:20*	WG1547712
(S) 1,2-Dichloroethane-d4	*107*		*70.0-130*		*09/23/2020 19:20*	WG1547712

MW2
Collected date/time: 09/16/20 10:40

SAMPLE RESULTS - 02

L1263780

ONE LAB. NATIONWIDE.

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/23/2020 19:39	WG1547712
Toluene	ND		0.00100	1	09/23/2020 19:39	WG1547712
Ethylbenzene	ND		0.00100	1	09/23/2020 19:39	WG1547712
Total Xylenes	ND		0.00300	1	09/23/2020 19:39	WG1547712
(S) Toluene-d8	*99.7*		*80.0-120*		*09/23/2020 19:39*	WG1547712
(S) 4-Bromofluorobenzene	*106*		*77.0-126*		*09/23/2020 19:39*	WG1547712
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*09/23/2020 19:39*	WG1547712

MW-3
Collected date/time: 09/16/20 10:20

SAMPLE RESULTS - 03

L1263780

ONE LAB. NATIONWIDE.

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/23/2020 19:58	WG1547712
Toluene	ND		0.00100	1	09/23/2020 19:58	WG1547712
Ethylbenzene	ND		0.00100	1	09/23/2020 19:58	WG1547712
Total Xylenes	ND		0.00300	1	09/23/2020 19:58	WG1547712
(S) Toluene-d8	*100*		*80.0-120*		*09/23/2020 19:58*	WG1547712
(S) 4-Bromofluorobenzene	*105*		*77.0-126*		*09/23/2020 19:58*	WG1547712
(S) 1,2-Dichloroethane-d4	*106*		*70.0-130*		*09/23/2020 19:58*	WG1547712

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/23/2020 20:17	WG1547712
Toluene	ND		0.00100	1	09/23/2020 20:17	WG1547712
Ethylbenzene	ND		0.00100	1	09/23/2020 20:17	WG1547712
Total Xylenes	ND		0.00300	1	09/23/2020 20:17	WG1547712
(S) Toluene-d8	*99.4*		*80.0-120*		*09/23/2020 20:17*	WG1547712
(S) 4-Bromofluorobenzene	*105*		*77.0-126*		*09/23/2020 20:17*	WG1547712
(S) 1,2-Dichloroethane-d4	*105*		*70.0-130*		*09/23/2020 20:17*	WG1547712

MW-3
Collected date/time: 09/16/20 10:00

SAMPLE RESULTS - 05

L1263780

ONE LAB. NATIONWIDE.

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/23/2020 20:36	WG1547712
Toluene	ND		0.00100	1	09/23/2020 20:36	WG1547712
Ethylbenzene	ND		0.00100	1	09/23/2020 20:36	WG1547712
Total Xylenes	ND		0.00300	1	09/23/2020 20:36	WG1547712
(S) Toluene-d8	*100*		*80.0-120*		*09/23/2020 20:36*	WG1547712
(S) 4-Bromofluorobenzene	*105*		*77.0-126*		*09/23/2020 20:36*	WG1547712
(S) 1,2-Dichloroethane-d4	*104*		*70.0-130*		*09/23/2020 20:36*	WG1547712

MWG
Collected date/time: 09/16/20 10:35

SAMPLE RESULTS - 06

L1263780

ONE LAB. NATIONWIDE.

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/23/2020 20:55	WG1547712
Toluene	ND		0.00100	1	09/23/2020 20:55	WG1547712
Ethylbenzene	ND		0.00100	1	09/23/2020 20:55	WG1547712
Total Xylenes	ND		0.00300	1	09/23/2020 20:55	WG1547712
(S) Toluene-d8	*99.4*		*80.0-120*		*09/23/2020 20:55*	WG1547712
(S) 4-Bromofluorobenzene	*108*		*77.0-126*		*09/23/2020 20:55*	WG1547712
(S) 1,2-Dichloroethane-d4	*107*		*70.0-130*		*09/23/2020 20:55*	WG1547712

MW-7
Collected date/time: 09/16/20 10:50

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	09/23/2020 21:15	WG1547712
Toluene	ND		0.00100	1	09/23/2020 21:15	WG1547712
Ethylbenzene	ND		0.00100	1	09/23/2020 21:15	WG1547712
Total Xylenes	ND		0.00300	1	09/23/2020 21:15	WG1547712
(S) Toluene-d8	*100*		*80.0-120*		*09/23/2020 21:15*	WG1547712
(S) 4-Bromofluorobenzene	*107*		*77.0-126*		*09/23/2020 21:15*	WG1547712
(S) 1,2-Dichloroethane-d4	*105*		*70.0-130*		*09/23/2020 21:15*	WG1547712

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	0.00145		0.00100	1	09/23/2020 21:34	WG1547712
Toluene	ND		0.00100	1	09/23/2020 21:34	WG1547712
Ethylbenzene	0.0231		0.00100	1	09/23/2020 21:34	WG1547712
Total Xylenes	0.0289		0.00300	1	09/23/2020 21:34	WG1547712
(S) Toluene-d8	*98.2*		*80.0-120*		*09/23/2020 21:34*	WG1547712
(S) 4-Bromofluorobenzene	*108*		*77.0-126*		*09/23/2020 21:34*	WG1547712
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*09/23/2020 21:34*	WG1547712

RW3
Collected date/time: 09/16/20 11:00

SAMPLE RESULTS - 09

L1263780

ONE LAB. NAT

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	09/23/2020 21:53	WG1547712
Toluene	ND		0.00100	1	09/23/2020 21:53	WG1547712
Ethylbenzene	0.0137		0.00100	1	09/23/2020 21:53	WG1547712
Total Xylenes	0.0317		0.00300	1	09/23/2020 21:53	WG1547712
(S) Toluene-d8	*99.7*		*80.0-120*		*09/23/2020 21:53*	WG1547712
(S) 4-Bromofluorobenzene	*105*		*77.0-126*		*09/23/2020 21:53*	WG1547712
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*09/23/2020 21:53*	WG1547712

RW4
Collected date/time: 09/16/20 10:30

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	09/23/2020 22:12	WG1547712
Toluene	ND		0.00100	1	09/23/2020 22:12	WG1547712
Ethylbenzene	ND		0.00100	1	09/23/2020 22:12	WG1547712
Total Xylenes	ND		0.00300	1	09/23/2020 22:12	WG1547712
(S) Toluene-d8	*100*		*80.0-120*		*09/23/2020 22:12*	WG1547712
(S) 4-Bromofluorobenzene	*106*		*77.0-126*		*09/23/2020 22:12*	WG1547712
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*09/23/2020 22:12*	WG1547712

RW3

Collected date/time: 09/16/20 10:15

SAMPLE RESULTS - 11

L1263780

ONE LAB. NATIONWIDE.

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	09/23/2020 22:31	WG1547712
Toluene	ND		0.00100	1	09/23/2020 22:31	WG1547712
Ethylbenzene	ND		0.00100	1	09/23/2020 22:31	WG1547712
Total Xylenes	ND		0.00300	1	09/23/2020 22:31	WG1547712
(S) Toluene-d8	*101*		*80.0-120*		*09/23/2020 22:31*	WG1547712
(S) 4-Bromofluorobenzene	*106*		*77.0-126*		*09/23/2020 22:31*	WG1547712
(S) 1,2-Dichloroethane-d4	*105*		*70.0-130*		*09/23/2020 22:31*	WG1547712

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/23/2020 22:50	WG1547712
Toluene	ND		0.00100	1	09/23/2020 22:50	WG1547712
Ethylbenzene	ND		0.00100	1	09/23/2020 22:50	WG1547712
Total Xylenes	ND		0.00300	1	09/23/2020 22:50	WG1547712
(S) Toluene-d8	*97.3*		*80.0-120*		*09/23/2020 22:50*	WG1547712
(S) 4-Bromofluorobenzene	*108*		*77.0-126*		*09/23/2020 22:50*	WG1547712
(S) 1,2-Dichloroethane-d4	*109*		*70.0-130*		*09/23/2020 22:50*	WG1547712

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	09/23/2020 23:09	WG1547712
Toluene	ND		0.00100	1	09/23/2020 23:09	WG1547712
Ethylbenzene	ND		0.00100	1	09/23/2020 23:09	WG1547712
Total Xylenes	ND		0.00300	1	09/23/2020 23:09	WG1547712
(S) Toluene-d8	*99.2*		*80.0-120*		*09/23/2020 23:09*	WG1547712
(S) 4-Bromofluorobenzene	*108*		*77.0-126*		*09/23/2020 23:09*	WG1547712
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*09/23/2020 23:09*	WG1547712

Method Blank (MB)

(MB) R3574906-3 09/23/20 18:22

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*98.9*			*80.0-120*
(S) 4-Bromofluorobenzene	*105*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*

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

(LCS) R3574906-1 09/23/20 17:25 • (LCSD) R3574906-2 09/23/20 17:44

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	0.00429	0.00429	85.8	85.8	70.0-123			0.000	20
Ethylbenzene	0.00500	0.00476	0.00486	95.2	97.2	79.0-123			2.08	20
Toluene	0.00500	0.00424	0.00424	84.8	84.8	79.0-120			0.000	20
Xylenes, Total	0.0150	0.0146	0.0144	97.3	96.0	79.0-123			1.38	20
(S) Toluene-d8				*99.0*	*99.4*	*80.0-120*				
(S) 4-Bromofluorobenzene				*105*	*104*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*104*	*102*	*70.0-130*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

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

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* 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 National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
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	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

Third Party Federal Accreditations

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

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.

Plains All American Pipeline - Entech

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

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

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 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

Report to: **Kathleen Buxton**

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

Project Description: **Vac to Jal#5**

City/State Collected: Eunice/NM

L# L1263780
E097

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

Client Project # **PAA12015**

Lab Project # **PLAINSENT-VAC5**

Collected by (print): Chris Sanchez

Site/Facility ID # **SRS - 2003-00134**

P.O. #

Acctnum: **PLAINSENT**
Template: **T94130**
Prelogin: **P707766**
TSR: **134 - Mark W. Beasley**
PB:
Shipped Via:

Collected by (signature): [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)
MW1		GW		09-16-20	1045	2		X										-01
MW2		GW		↑	1040	↑		↑										02
MW3		GW			1020													03
MW4		GW			1025													04
MW5		GW			1000													05
MW6		GW			1035													06
MW7		GW			1050													07
RW1		GW			1055													08
RW3		GW		↓	1100	↓		↓										09
RW4		GW		09-16-20	1030	2		X										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 # 1922081294 36

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

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No (HCL / MeOH, TBR)	
[signature]	9/17	4:00	[signature]		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: AB 6+.2=.5 °C	Bottles Received: 26
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 9/18/20	Time: 0930

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Plains All American Pipeline - Entech

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

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

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 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

Report to: Kathleen Buxton

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

Project Description: Vac to Jal#5

City/State Collected: EUNICE / NM

Phone: 979-997-2338
Fax:

Client Project # PAA12015

Lab Project # PLAINSENT-VAC5

L# L1263780

Table #

Collected by (print): CHRIS SANCHEZ

Site/Facility ID # SRS - 2003-00134

P.O. #

Acctnum: PLAINSENT
Template: T94130
Prelogin: P707766
TSR: 134 - Mark W. Beasley
PB:

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

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
RW5		GW		09-16-20	1015	2		X		-11
RW6		GW		09-16-20	1005	2		X		12
RW7		GW		09-16-20	1010	2		X		13
		GW								
		GW								
		GW								
		GW								
		GW								
		GW								
		GW								

* 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 # 1422 0812 9436

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)
	09-17	4:00	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: 0.8 °C Bottles Received: 26

Date: 9/18/20 Time: 0930

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

January 06, 2021

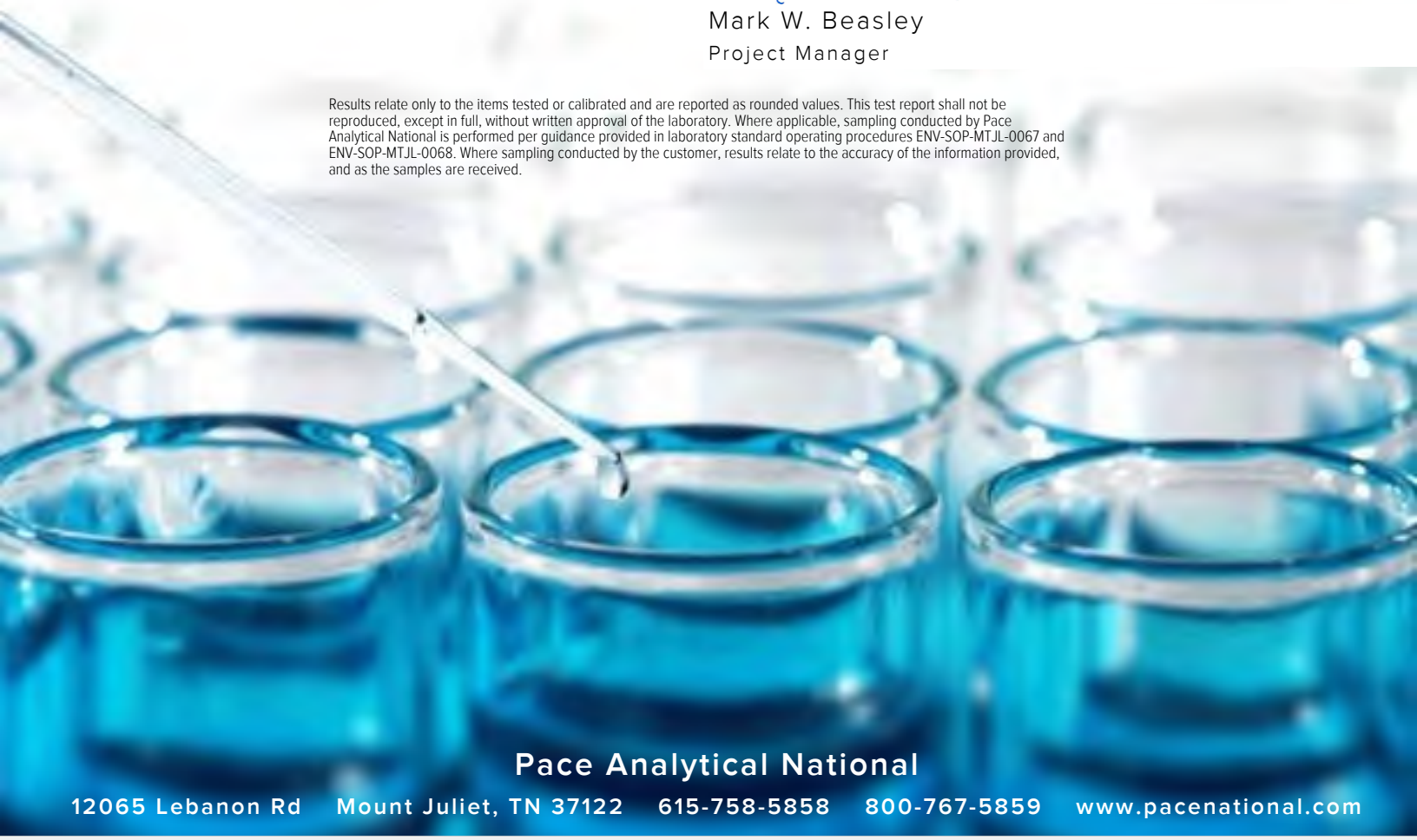
Plains All American Pipeline

Sample Delivery Group:	L1300493
Samples Received:	12/24/2020
Project Number:	
Description:	Vac to Jal#5
Site:	SRS - 2003-00134
Report To:	Kathleen Buxton 21 Waterway Ave., Suite 300 The Woodlands, TX 77380

Entire Report Reviewed By:

Mark W. Beasley
Project Manager

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



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

TABLE OF CONTENTS

MW1 L1300493-01 GW

Collected by: Chris Sanchez | Collected date/time: 12/23/20 10:30 | Received date/time: 12/24/20 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1598674	1	12/30/20 02:31	12/30/20 02:31	JHH	Mt. Juliet, TN

MW2 L1300493-02 GW

Collected by: Chris Sanchez | Collected date/time: 12/23/20 10:20 | Received date/time: 12/24/20 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1598674	1	12/30/20 02:50	12/30/20 02:50	JHH	Mt. Juliet, TN

MW3 L1300493-03 GW

Collected by: Chris Sanchez | Collected date/time: 12/23/20 09:40 | Received date/time: 12/24/20 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1598674	1	12/30/20 03:09	12/30/20 03:09	JHH	Mt. Juliet, TN

MW4 L1300493-04 GW

Collected by: Chris Sanchez | Collected date/time: 12/23/20 09:50 | Received date/time: 12/24/20 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1598674	1	12/30/20 03:28	12/30/20 03:28	JHH	Mt. Juliet, TN

MW5 L1300493-05 GW

Collected by: Chris Sanchez | Collected date/time: 12/23/20 09:00 | Received date/time: 12/24/20 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1598674	1	12/30/20 03:47	12/30/20 03:47	JHH	Mt. Juliet, TN

MW6 L1300493-06 GW

Collected by: Chris Sanchez | Collected date/time: 12/23/20 10:10 | Received date/time: 12/24/20 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1598674	1	12/30/20 04:06	12/30/20 04:06	JHH	Mt. Juliet, TN

MW7 L1300493-07 GW

Collected by: Chris Sanchez | Collected date/time: 12/23/20 10:40 | Received date/time: 12/24/20 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1598674	1	12/30/20 04:25	12/30/20 04:25	JHH	Mt. Juliet, TN

RW1 L1300493-08 GW

Collected by: Chris Sanchez | Collected date/time: 12/23/20 10:50 | Received date/time: 12/24/20 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1598674	1	12/30/20 04:44	12/30/20 04:44	JHH	Mt. Juliet, TN

RW4 L1300493-09 GW

Collected by: Chris Sanchez | Collected date/time: 12/23/20 10:00 | Received date/time: 12/24/20 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1598674	1	12/30/20 05:03	12/30/20 05:03	JHH	Mt. Juliet, TN

RW5 L1300493-10 GW

Collected by: Chris Sanchez | Collected date/time: 12/23/20 09:30 | Received date/time: 12/24/20 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1598674	1	12/30/20 05:22	12/30/20 05:22	JHH	Mt. Juliet, TN

RW6 L1300493-11 GW

Collected by: Chris Sanchez | Collected date/time: 12/23/20 09:10 | Received date/time: 12/24/20 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1598674	1	12/30/20 05:40	12/30/20 05:40	JHH	Mt. Juliet, TN

RW7 L1300493-12 GW

Collected by: Chris Sanchez | Collected date/time: 12/23/20 09:20 | Received date/time: 12/24/20 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1598674	1	12/30/20 05:59	12/30/20 05:59	JHH	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.

Mark W. Beasley
Project Manager

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/30/2020 02:31	WG1598674
Toluene	ND		0.00100	1	12/30/2020 02:31	WG1598674
Ethylbenzene	ND		0.00100	1	12/30/2020 02:31	WG1598674
Total Xylenes	ND		0.00300	1	12/30/2020 02:31	WG1598674
(S) Toluene-d8	*92.8*		*80.0-120*		*12/30/2020 02:31*	WG1598674
(S) 4-Bromofluorobenzene	*96.9*		*77.0-126*		*12/30/2020 02:31*	WG1598674
(S) 1,2-Dichloroethane-d4	*106*		*70.0-130*		*12/30/2020 02:31*	WG1598674

MW2
Collected date/time: 12/23/20 10:20

SAMPLE RESULTS - 02

L1300493

ONE LAB. NATIONWIDE.

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/30/2020 02:50	WG1598674
Toluene	ND		0.00100	1	12/30/2020 02:50	WG1598674
Ethylbenzene	ND		0.00100	1	12/30/2020 02:50	WG1598674
Total Xylenes	ND		0.00300	1	12/30/2020 02:50	WG1598674
(S) Toluene-d8	*92.6*		*80.0-120*		*12/30/2020 02:50*	WG1598674
(S) 4-Bromofluorobenzene	*97.4*		*77.0-126*		*12/30/2020 02:50*	WG1598674
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*12/30/2020 02:50*	WG1598674

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/30/2020 03:09	WG1598674
Toluene	ND		0.00100	1	12/30/2020 03:09	WG1598674
Ethylbenzene	ND		0.00100	1	12/30/2020 03:09	WG1598674
Total Xylenes	ND		0.00300	1	12/30/2020 03:09	WG1598674
(S) Toluene-d8	*94.3*		*80.0-120*		*12/30/2020 03:09*	WG1598674
(S) 4-Bromofluorobenzene	*97.4*		*77.0-126*		*12/30/2020 03:09*	WG1598674
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*12/30/2020 03:09*	WG1598674

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/30/2020 03:28	WG1598674
Toluene	ND		0.00100	1	12/30/2020 03:28	WG1598674
Ethylbenzene	ND		0.00100	1	12/30/2020 03:28	WG1598674
Total Xylenes	ND		0.00300	1	12/30/2020 03:28	WG1598674
(S) Toluene-d8	*92.2*		*80.0-120*		*12/30/2020 03:28*	WG1598674
(S) 4-Bromofluorobenzene	*97.6*		*77.0-126*		*12/30/2020 03:28*	WG1598674
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*12/30/2020 03:28*	WG1598674

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/30/2020 03:47	WG1598674
Toluene	ND		0.00100	1	12/30/2020 03:47	WG1598674
Ethylbenzene	ND		0.00100	1	12/30/2020 03:47	WG1598674
Total Xylenes	ND		0.00300	1	12/30/2020 03:47	WG1598674
(S) Toluene-d8	*94.4*		*80.0-120*		*12/30/2020 03:47*	WG1598674
(S) 4-Bromofluorobenzene	*95.7*		*77.0-126*		*12/30/2020 03:47*	WG1598674
(S) 1,2-Dichloroethane-d4	*105*		*70.0-130*		*12/30/2020 03:47*	WG1598674

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	12/30/2020 04:06	WG1598674
Toluene	ND		0.00100	1	12/30/2020 04:06	WG1598674
Ethylbenzene	ND		0.00100	1	12/30/2020 04:06	WG1598674
Total Xylenes	ND		0.00300	1	12/30/2020 04:06	WG1598674
(S) Toluene-d8	*95.9*		*80.0-120*		*12/30/2020 04:06*	WG1598674
(S) 4-Bromofluorobenzene	*95.6*		*77.0-126*		*12/30/2020 04:06*	WG1598674
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*12/30/2020 04:06*	WG1598674

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/30/2020 04:25	WG1598674
Toluene	ND		0.00100	1	12/30/2020 04:25	WG1598674
Ethylbenzene	ND		0.00100	1	12/30/2020 04:25	WG1598674
Total Xylenes	ND		0.00300	1	12/30/2020 04:25	WG1598674
(S) Toluene-d8	*95.1*		*80.0-120*		*12/30/2020 04:25*	WG1598674
(S) 4-Bromofluorobenzene	*94.6*		*77.0-126*		*12/30/2020 04:25*	WG1598674
(S) 1,2-Dichloroethane-d4	*107*		*70.0-130*		*12/30/2020 04:25*	WG1598674

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	0.00113		0.00100	1	12/30/2020 04:44	WG1598674
Toluene	ND		0.00100	1	12/30/2020 04:44	WG1598674
Ethylbenzene	0.00399		0.00100	1	12/30/2020 04:44	WG1598674
Total Xylenes	0.00512		0.00300	1	12/30/2020 04:44	WG1598674
(S) Toluene-d8	*96.0*		*80.0-120*		*12/30/2020 04:44*	WG1598674
(S) 4-Bromofluorobenzene	*94.5*		*77.0-126*		*12/30/2020 04:44*	WG1598674
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*12/30/2020 04:44*	WG1598674

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/30/2020 05:03	WG1598674
Toluene	ND		0.00100	1	12/30/2020 05:03	WG1598674
Ethylbenzene	ND		0.00100	1	12/30/2020 05:03	WG1598674
Total Xylenes	ND		0.00300	1	12/30/2020 05:03	WG1598674
(S) Toluene-d8	*89.8*		*80.0-120*		*12/30/2020 05:03*	WG1598674
(S) 4-Bromofluorobenzene	*105*		*77.0-126*		*12/30/2020 05:03*	WG1598674
(S) 1,2-Dichloroethane-d4	*111*		*70.0-130*		*12/30/2020 05:03*	WG1598674

RW3
Collected date/time: 12/23/20 09:30

SAMPLE RESULTS - 10

L1300493

ONE LAB. NATIONWIDE.

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	12/30/2020 05:22	WG1598674
Toluene	ND		0.00100	1	12/30/2020 05:22	WG1598674
Ethylbenzene	ND		0.00100	1	12/30/2020 05:22	WG1598674
Total Xylenes	ND		0.00300	1	12/30/2020 05:22	WG1598674
(S) Toluene-d8	*95.1*		*80.0-120*		*12/30/2020 05:22*	WG1598674
(S) 4-Bromofluorobenzene	*95.1*		*77.0-126*		*12/30/2020 05:22*	WG1598674
(S) 1,2-Dichloroethane-d4	*107*		*70.0-130*		*12/30/2020 05:22*	WG1598674

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/30/2020 05:40	WG1598674
Toluene	ND		0.00100	1	12/30/2020 05:40	WG1598674
Ethylbenzene	ND		0.00100	1	12/30/2020 05:40	WG1598674
Total Xylenes	ND		0.00300	1	12/30/2020 05:40	WG1598674
(S) Toluene-d8	*93.3*		*80.0-120*		*12/30/2020 05:40*	WG1598674
(S) 4-Bromofluorobenzene	*97.8*		*77.0-126*		*12/30/2020 05:40*	WG1598674
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*12/30/2020 05:40*	WG1598674

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	12/30/2020 05:59	WG1598674
Toluene	ND		0.00100	1	12/30/2020 05:59	WG1598674
Ethylbenzene	0.00355		0.00100	1	12/30/2020 05:59	WG1598674
Total Xylenes	ND		0.00300	1	12/30/2020 05:59	WG1598674
(S) Toluene-d8	*95.8*		*80.0-120*		*12/30/2020 05:59*	WG1598674
(S) 4-Bromofluorobenzene	*93.6*		*77.0-126*		*12/30/2020 05:59*	WG1598674
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*12/30/2020 05:59*	WG1598674

Method Blank (MB)

(MB) R3609680-2 12/30/20 00:38

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*92.6*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3609680-1 12/30/20 00:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00538	108	70.0-123	
Ethylbenzene	0.00500	0.00453	90.6	79.0-123	
Toluene	0.00500	0.00451	90.2	79.0-120	
Xylenes, Total	0.0150	0.0132	88.0	79.0-123	
(S) Toluene-d8			*91.3*	*80.0-120*	
(S) 4-Bromofluorobenzene			*101*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*111*	*70.0-130*	

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

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

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* 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 National.

State Accreditations

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	LAO00356
Kentucky [1 6]	KY90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA

Third Party Federal Accreditations

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

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.

ACCOUNT:	PROJECT:	SDG:	DATE/TIME:	PAGE:
Plains All American Pipeline		L1300493	01/06/21 14:01	20 of 22

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#5

City/State Collected: EUNICE/NM

Phone: 979-997-2338
Fax:

Client Project # PAA12015

Lab Project # PLAINSENT-VAC5

Collected by (print): CHRIS SANCHEZ

Site/Facility ID # SRS - 2003-00134

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)
MW1		GW		12-23-20	1030	2		X									-01
MW2		GW		↑	1020	↑		↑									02
MW3		GW			0940												03
MW4		GW			0950												04
MW5		GW			0900												05
MW6		GW			1010												06
MW7		GW			1040												07
RW1		GW			1050												08
RW4		GW		↓	1000	↓		↓									09
RW5		GW		12-23-20	0930	2		X									10

Analysis / Container / Preservative

Chain of Custody Page 1 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# L1366493

1220

Acctnum: PLAINSENT
Template: T94130
Prelogin: P707766
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	If preservation required by Login: Date/Time
	12/23/20	2:00PM			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.2 °C Bottles Received: 24	
				0.2-2=0.5	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12/24/2020 Time: 08:00	Hold: Condition: NCF / (OK)

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#5

City/State Collected: Eunice/NM

Phone: 979-997-2338
Fax:

Client Project # PAA12015

Lab Project # PLAINSENT-VAC5

Collected by (print): Chris Sanchez

Site/Facility ID # SRS - 2003-00134

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

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	V8260BTEX 40mlAmb-HCl								Remarks	Sample # (lab only)
RW6		GW		12-23-20	0910	2		X									-11
RW7		GW		12-23-20	0920	2		X									12
		GW															
		GW															
		GW															
		GW															
		GW															
		GW															
		GW															
		GW															

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# L1366493

Table #

Acctnum: PLAINSENT
Template: T94130
Prelogin: P707766
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	If preservation required by Login: Date/Time
	12/23/20	2:00PM			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.2 °C Bottles Received: 12-24-20	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12/24/20 Time: 04:00	Hold: / Condition: NCF / OK

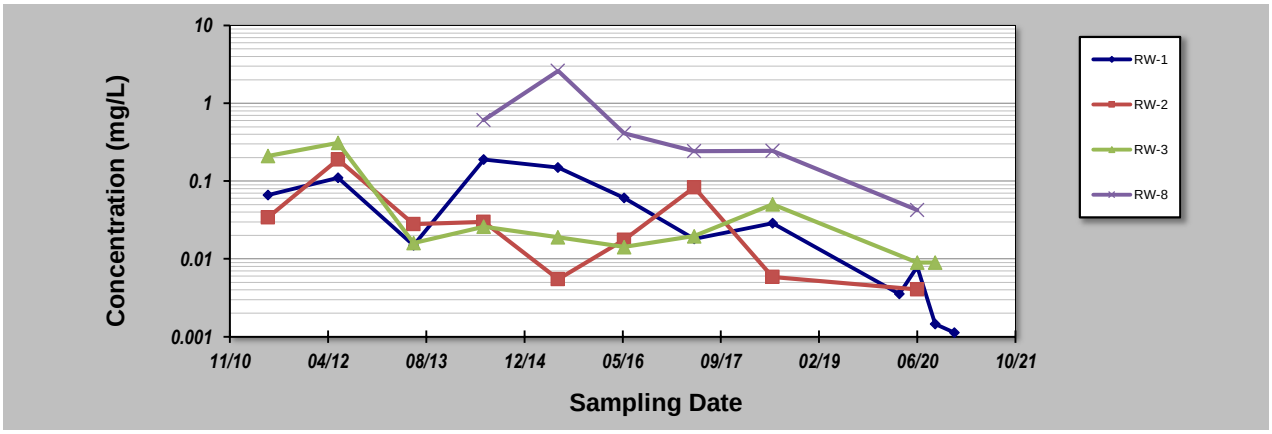
Appendix B

Mann-Kendall Trend Test

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	21-Jan-21	Job ID:	PAA12015
Facility Name:	Plains - Vac to Jal #5	Constituent:	Benzene
Conducted By:	PVS	Concentration Units:	mg/L

Sampling Point ID:	RW-1	RW-2	RW-3	RW-8			
Sampling Event	Sampling Date	BENZENE CONCENTRATION (mg/L)						
1	6/1/2011	0.0660	0.034	0.21				
2	5/22/2012	0.1100	0.19	0.3100				
3	6/11/2013	0.0150	0.028	0.0160				
4	6/3/2014	0.1900	0.03	0.0260	0.61			
5	6/16/2015	0.1500	0.0055	0.0190	2.6			
6	5/17/2016	0.0606	0.0176	0.0142	0.41			
7	5/9/2017	0.0180	0.0829	0.0196	0.243			
8	6/12/2018	0.0288	0.00586	0.0505	0.245			
9	3/18/2020	0.00355						
10	6/17/2020	0.00794	0.00404	***0.0090***	0.0424			
11	9/16/2020	0.00145		***0.0090***				
12	12/23/2020	0.00113						
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		1.17	1.35	1.53	1.38			
Mann-Kendall Statistic (S):		-42	-18	-22	-11			
Confidence Factor:		99.8%	96.2%	97.1%	97.2%			
Concentration Trend:		Decreasing	Decreasing	Decreasing	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. Nondetectable concentrations listed as 0.0009 mg/L (i.e., <MDL) and indicated in italicized bold red values.
5. All concentrations in milligrams per liter (mg/L)

Appendix C

2006 – 2020 Historical Well Survey Data and Groundwater Elevations

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-1	03/28/06	3361.00	64.19	ND	50.72	ND	NA	NA	NA	3310.28	Sampled
MW-1	03/29/06	3361.00	NG	ND	50.72	ND	NA	NA	NA	3310.28	
MW-1	04/13/06	3361.00	NG	ND	50.75	ND	NA	NA	NA	3310.25	
MW-1	04/25/06	3361.00	NG	ND	50.73	ND	NA	NA	NA	3310.27	
MW-1	05/03/06	3361.00	NG	ND	50.66	ND	NA	NA	NA	3310.34	
MW-1	05/11/06	3361.00	NG	ND	50.77	ND	NA	NA	NA	3310.23	
MW-1	05/24/06	3361.00	NG	ND	50.10	ND	NA	NA	NA	3310.90	
MW-1	06/07/06	3361.00	NG	ND	50.68	ND	NA	NA	NA	3310.32	
MW-1	06/15/06	3361.00	NG	ND	50.68	ND	NA	NA	NA	3310.32	
MW-1	06/29/06	3361.00	NG	ND	50.71	ND	NA	NA	NA	3310.29	
MW-1	07/11/06	3361.00	NG	ND	50.67	ND	NA	NA	NA	3310.33	
MW-1	07/25/06	3361.00	NG	ND	50.68	ND	NA	NA	NA	3310.32	
MW-1	08/09/06	3361.00	NG	ND	50.65	ND	NA	NA	NA	3310.35	
MW-1	08/22/06	3361.00	NG	ND	50.70	ND	NA	NA	NA	3310.30	
MW-1	09/12/06	3361.00	64.16	ND	50.65	ND	NA	NA	NA	3310.35	Sampled
MW-1	09/19/06	3361.00	NG	ND	50.67	ND	NA	NA	NA	3310.33	
MW-1	10/03/06	3361.00	NG	ND	50.65	ND	NA	NA	NA	3310.35	
MW-1	10/17/06	3361.00	NG	ND	50.65	ND	NA	NA	NA	3310.35	
MW-1	10/31/06	3361.00	NG	ND	50.67	ND	NA	NA	NA	3310.33	
MW-1	11/15/06	3361.00	NG	ND	50.66	ND	NA	NA	NA	3310.34	
MW-1	12/06/06	3363.04	64.10	ND	50.60	ND	NA	NA	NA	3312.44	Sampled
MW-1	12/13/06	3363.04	NG	ND	50.65	ND	NA	NA	NA	3312.39	
MW-1	12/27/06	3363.04	NG	ND	50.49	ND	NA	NA	NA	3312.55	
MW-1	01/03/07	3363.04	NG	ND	50.59	ND	NA	NA	NA	3312.45	
MW-1	01/09/07	3363.04	NG	ND	50.60	ND	NA	NA	NA	3312.44	
MW-1	01/18/07	3363.04	NG	ND	50.54	ND	NA	NA	NA	3312.50	
MW-1	01/22/07	3363.04	NG	ND	50.44	ND	NA	NA	NA	3312.60	
MW-1	02/01/07	3363.04	NG	ND	50.31	ND	NA	NA	NA	3312.73	
MW-1	02/07/07	3363.04	NG	ND	50.51	ND	NA	NA	NA	3312.53	
MW-1	02/14/07	3363.04	NG	ND	50.48	ND	NA	NA	NA	3312.56	
MW-1	02/21/07	3363.04	NG	ND	50.47	ND	NA	NA	NA	3312.57	
MW-1	02/28/07	3363.04	64.18	ND	50.38	ND	NA	NA	NA	3312.66	Sampled
MW-1	03/07/07	3363.04	NG	ND	50.46	ND	NA	NA	NA	3312.58	
MW-1	04/03/07	3363.04	NG	ND	50.43	ND	NA	NA	NA	3312.61	
MW-1	05/30/07	3363.04	64.13	ND	50.38	ND	NA	NA	NA	3312.66	Sampled
MW-1	06/06/07	3363.04	64.13	ND	50.25	ND	NA	NA	NA	3312.79	
MW-1	07/05/07	3363.04	64.19	ND	50.26	ND	NA	NA	NA	3312.78	
MW-1	07/31/07	3363.04	64.20	ND	50.31	ND	NA	NA	NA	3312.73	
MW-1	09/06/07	3363.04	64.20	ND	50.25	ND	NA	NA	NA	3312.79	Sampled
MW-1	10/10/07	3363.04	64.15	ND	50.28	ND	NA	NA	NA	3312.76	
MW-1	11/13/07	3363.04	64.18	ND	50.31	ND	NA	NA	NA	3312.73	Sampled
MW-1	12/27/07	3363.04	64.18	ND	50.28	ND	NA	NA	NA	3312.76	
MW-1	01/09/08	3363.04	64.17	ND	50.25	ND	NA	NA	NA	3312.79	
MW-1	02/06/08	3363.04	64.17	ND	50.29	ND	NA	NA	NA	3312.75	
MW-1	02/27/08	3363.04	64.18	ND	50.42	ND	NA	NA	NA	3312.62	Sampled
MW-1	04/02/08	3363.04	64.18	ND	50.28	ND	NA	NA	NA	3312.76	
MW-1	05/28/08	3363.04	64.11	ND	50.38	ND	NA	NA	NA	3312.66	Sampled
MW-1	06/18/08	3363.04	64.11	ND	50.42	ND	NA	NA	NA	3312.62	
MW-1	07/07/08	3363.04	64.11	ND	50.40	ND	NA	NA	NA	3312.64	
MW-1	08/18/08	3363.04	64.14	ND	50.46	ND	NA	NA	NA	3312.58	Sampled
MW-1	10/29/08	3363.04	64.18	ND	50.52	ND	NA	NA	NA	3312.52	
MW-1	11/19/08	3363.04	64.18	ND	50.57	ND	NA	NA	NA	3312.47	Sampled
MW-1	12/21/08	3363.04	64.18	ND	50.56	ND	NA	NA	NA	3312.48	
MW-1	01/07/09	3363.04	64.15	ND	50.44	ND	NA	NA	NA	3312.60	
MW-1	02/04/09	3363.04	64.20	ND	50.53	ND	NA	NA	NA	3312.51	
MW-1	02/17/09	3363.04	64.18	ND	50.49	ND	NA	NA	NA	3312.55	Sampled
MW-1	03/04/09	3363.04	64.20	ND	50.46*	ND	NA	NA	NA	3312.58	
MW-1	04/08/09	3363.04	64.20	ND	50.51	ND	NA	NA	NA	3312.53	
MW-1	05/06/09	3363.04	64.20	ND	50.56	ND	NA	NA	NA	3312.48	
MW-1	05/19/09	3363.04	64.20	ND	50.61	ND	NA	NA	NA	3312.43	Sampled
MW-1	06/03/09	3363.04	64.20	ND	50.63	ND	NA	NA	NA	3312.41	
MW-1	07/15/09	3363.04	64.20	ND	50.64	ND	NA	NA	NA	3312.40	
MW-1	08/05/09	3363.04	64.20	ND	50.67	ND	NA	NA	NA	3312.37	
MW-1	08/26/09	3363.04	64.14	ND	50.68	ND	NA	NA	NA	3312.36	Sampled
MW-1	09/02/09	3363.04	64.14	ND	50.68	ND	NA	NA	NA	3312.36	
MW-1	10/07/09	3363.04	64.14	ND	50.70	ND	NA	NA	NA	3312.34	
MW-1	11/04/09	3363.04	64.14	ND	50.75	ND	NA	NA	NA	3312.29	
MW-1	11/18/09	3363.04	64.14	ND	50.70	ND	NA	NA	NA	3312.34	Sampled
MW-1	12/02/09	3363.04	64.14	ND	50.78	ND	NA	NA	NA	3312.26	
MW-1	01/06/10	3363.04	64.14	ND	50.68	ND	NA	NA	NA	3312.36	
MW-1	02/11/10	3363.04	64.14	ND	50.67	ND	NA	NA	NA	3312.37	Sampled
MW-1	03/10/10	3363.04	64.14	ND	50.59	ND	NA	NA	NA	3312.45	
MW-1	04/07/10	3363.04	64.14	ND	50.64	ND	NA	NA	NA	3312.40	
MW-1	05/05/10	3363.04	64.14	ND	50.64	ND	NA	NA	NA	3312.40	
MW-1	05/11/10	3363.04	64.14	ND	50.55	ND	NA	NA	NA	3312.49	Sampled
MW-1	06/02/10	3363.04	64.14	ND	50.54	ND	NA	NA	NA	3312.50	
MW-1	07/07/10	3363.04	64.14	ND	50.58	ND	NA	NA	NA	3312.46	
MW-1	08/03/10	3363.04	64.14	ND	50.56	ND	NA	NA	NA	3312.48	
MW-1	08/26/10	3363.04	64.14	ND	50.55	ND	NA	NA	NA	3312.49	Sampled
MW-1	09/01/10	3363.04	64.14	ND	50.51	ND	NA	NA	NA	3312.53	
MW-1	10/13/10	3363.04	64.14	ND	50.64	ND	NA	NA	NA	3312.40	
MW-1	11/18/10	3363.04	64.14	ND	50.55	ND	NA	NA	NA	3312.49	Sampled
MW-1	11/23/10	3363.04	64.14	ND	50.57	ND	NA	NA	NA	3312.47	
MW-1	12/08/10	3363.04	64.14	ND	50.58	ND	NA	NA	NA	3312.46	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-1	01/12/11	3363.04	64.14	ND	50.59	ND	NA	NA	NA	3312.45	
MW-1	02/08/11	3363.04	64.14	ND	50.42	ND	NA	NA	NA	3312.62	
MW-1	02/23/11	3363.04	64.14	ND	50.50	ND	NA	NA	NA	3312.54	Sampled
MW-1	03/08/11	3363.04	64.14	ND	50.48	ND	NA	NA	NA	3312.56	
MW-1	04/13/11	3363.04	64.14	ND	50.45	ND	NA	NA	NA	3312.59	
MW-1	06/01/11	3363.04	64.14	ND	50.52	ND	NA	NA	NA	3312.52	Sampled
MW-1	07/27/11	3363.04	64.14	ND	50.52	ND	NA	NA	NA	3312.52	
MW-1	08/30/11	3363.04	64.14	ND	50.58	ND	NA	NA	NA	3312.46	Sampled
MW-1	09/14/11	3363.04	64.14	ND	50.65	ND	NA	NA	NA	3312.39	
MW-1	10/12/11	3363.04	64.14	ND	50.65	ND	NA	NA	NA	3312.39	
MW-1	11/28/11	3363.04	64.14	ND	50.64	ND	NA	NA	NA	3312.40	Sampled
MW-1	12/27/11	3363.04	64.14	ND	50.55	ND	NA	NA	NA	3312.49	
MW-1	01/18/12	3363.04	64.14	ND	50.66	ND	NA	NA	NA	3312.38	
MW-1	02/02/12	3363.04	64.14	ND	50.58	ND	NA	NA	NA	3312.46	
MW-1	02/15/12	3363.04	64.14	ND	50.66	ND	NA	NA	NA	3312.38	
MW-1	02/22/12	3363.04	64.14	ND	50.60	ND	NA	NA	NA	3312.44	Sampled
MW-1	04/26/12	3363.04	64.14	ND	50.60	ND	NA	NA	NA	3312.44	
MW-1	05/22/12	3363.04	64.14	ND	50.52	ND	NA	NA	NA	3312.52	Sampled
MW-1	07/18/12	3363.04	64.14	ND	50.72	ND	NA	NA	NA	3312.32	
MW-1	09/11/12	3363.04	64.14	ND	50.75	ND	NA	NA	NA	3312.29	
MW-1	11/26/12	3363.04	64.14	ND	50.83	ND	NA	NA	NA	3312.21	
MW-1	02/27/13	3363.04	64.14	ND	50.92	ND	NA	NA	NA	3312.12	
MW-1	06/11/13	3363.04	64.14	ND	50.92	ND	NA	NA	NA	3312.12	
MW-1	08/14/13	3363.04	64.14	ND	51.02	ND	NA	NA	NA	3312.02	
MW-1	09/10/13	3363.04	64.14	ND	51.08	ND	NA	NA	NA	3311.96	
MW-1	11/06/13	3363.04	63.78	ND	51.09	ND	NA	NA	NA	3311.95	
MW-1	02/26/14	3363.04	63.78	ND	51.02	ND	NA	NA	NA	3312.02	
MW-1	03/05/14	3363.04	63.78	ND	51.06	ND	NA	NA	NA	3311.98	Sampled
MW-1	06/03/14	3363.04	63.78	ND	51.09	ND	NA	NA	NA	3311.95	Sampled
MW-1	09/17/14	3363.04	63.78	ND	51.23	ND	NA	NA	NA	3311.81	Sampled
MW-1	11/12/14	3363.04	63.76	ND	51.30	ND	NA	NA	NA	3311.74	Sampled
MW-1	02/25/15	3363.04	63.78	ND	51.15	ND	NA	NA	NA	3311.89	Sampled
MW-1	06/16/15	3363.04	63.78	ND	51.26	ND	NA	NA	NA	3311.78	Sampled
MW-1	08/26/15	3363.04	63.78	ND	51.34	ND	NA	NA	NA	3311.70	Sampled
MW-1	11/17/15	3363.04	63.78	ND	51.31	ND	NA	NA	NA	3311.73	Sampled
MW-1	03/08/16	3363.04	63.78	ND	51.18	ND	NA	NA	NA	3311.86	Sampled
MW-1	05/17/16	3363.04	63.78	ND	51.12	ND	NA	NA	NA	3311.92	Sampled
MW-1	09/19/16	3363.04	63.78	ND	51.12	ND	NA	NA	NA	3311.92	Sampled
MW-1	12/14/16	3363.04	63.78	ND	51.04	ND	NA	NA	NA	3312.00	Sampled
MW-1	05/08/17	3363.04	63.78	ND	50.84	ND	NA	NA	NA	3312.20	Sampled
MW-1	09/14/17	3363.04	63.78	ND	50.88	ND	NA	NA	NA	3312.16	Sampled
MW-1	11/28/17	3363.04	63.78	ND	50.81	ND	NA	NA	NA	3312.23	Sampled
MW-1	03/06/18	3363.04	63.78	ND	50.68	ND	NA	NA	NA	3312.36	Sampled
MW-1	06/12/18	3363.04	63.78	ND	50.54	ND	NA	NA	NA	3312.50	Sampled
MW-1	09/05/18	3363.04	63.78	ND	50.53	ND	NA	NA	NA	3312.51	Sampled
MW-1	11/27/18	3363.04	63.78	ND	50.41	ND	NA	NA	NA	3312.63	Sampled
MW-1	02/12/19	3363.04	63.78	ND	50.35	ND	NA	NA	NA	3312.69	Sampled
MW-1	05/08/19	3363.04	63.78	ND	50.11	ND	NA	NA	NA	3312.93	Sampled
MW-1	08/21/19	3363.04	63.78	ND	50.12	ND	NA	NA	NA	3312.92	Sampled
MW-1	11/05/19	3363.04	63.78	ND	50.08	ND	NA	NA	NA	3312.96	Sampled
MW-1	03/17/20	3363.04	63.78	ND	49.88	ND	NA	NA	NA	3313.16	Sampled
MW-1	06/16/20	3363.04	63.78	ND	49.82	ND	NA	NA	NA	3313.22	Sampled
MW-1	09/16/20	3363.04	63.78	ND	49.88	ND	NA	NA	NA	3313.16	Sampled
MW-1	12/22/20	3363.04	63.78	ND	49.80	ND	NA	NA	NA	3313.24	Sampled
MW-2	03/28/06	3362.05	64.09	ND	49.50	ND	NA	NA	NA	3312.55	
MW-2	03/29/06	3362.05	NG	ND	49.46	ND	NA	NA	NA	3312.59	Sampled
MW-2	04/13/06	3362.05	NG	ND	49.47	ND	NA	NA	NA	3312.58	
MW-2	04/25/06	3362.05	NG	ND	49.45	ND	NA	NA	NA	3312.60	
MW-2	05/03/06	3362.05	NG	ND	49.37	ND	NA	NA	NA	3312.68	
MW-2	05/11/06	3362.05	NG	ND	49.50	ND	NA	NA	NA	3312.55	
MW-2	05/24/06	3362.05	NG	ND	49.43	ND	NA	NA	NA	3312.62	
MW-2	06/07/06	3362.05	NG	ND	49.44	ND	NA	NA	NA	3312.61	
MW-2	06/15/06	3362.05	NG	ND	49.44	ND	NA	NA	NA	3312.61	
MW-2	06/29/06	3362.05	NG	ND	49.43	ND	NA	NA	NA	3312.62	
MW-2	07/11/06	3362.05	NG	ND	49.38	ND	NA	NA	NA	3312.67	
MW-2	07/25/06	3362.05	NG	ND	49.42	ND	NA	NA	NA	3312.63	
MW-2	08/09/06	3362.05	64.19	ND	49.35	ND	NA	NA	NA	3312.70	
MW-2	08/22/06	3362.05	NG	ND	49.46	ND	NA	NA	NA	3312.59	
MW-2	09/12/06	3362.05	64.06	ND	49.43	ND	NA	NA	NA	3312.62	Sampled
MW-2	09/19/06	3362.05	NG	ND	49.38	ND	NA	NA	NA	3312.67	
MW-2	10/03/06	3362.05	NG	ND	49.35	ND	NA	NA	NA	3312.70	
MW-2	10/17/06	3362.05	NG	ND	49.38	ND	NA	NA	NA	3312.67	
MW-2	10/31/06	3362.05	NG	ND	49.43	ND	NA	NA	NA	3312.62	
MW-2	11/15/06	3362.05	NG	ND	49.37	ND	NA	NA	NA	3312.68	
MW-2	12/06/06	3362.11	64.05	ND	49.35	ND	NA	NA	NA	3312.76	Sampled
MW-2	12/13/06	3362.11	NG	ND	49.38	ND	NA	NA	NA	3312.73	
MW-2	12/27/06	3362.11	NG	ND	49.20	ND	NA	NA	NA	3312.91	
MW-2	01/03/07	3362.11	NG	ND	49.33	ND	NA	NA	NA	3312.78	
MW-2	01/09/07	3362.11	NG	ND	49.35	ND	NA	NA	NA	3312.76	
MW-2	01/18/07	3362.11	NG	ND	49.25	ND	NA	NA	NA	3312.86	
MW-2	01/22/07	3362.11	NG	ND	49.16	ND	NA	NA	NA	3312.95	
MW-2	02/01/07	3362.11	NG	ND	49.10	ND	NA	NA	NA	3313.01	
MW-2	02/07/07	3362.11	NG	ND	49.25	ND	NA	NA	NA	3312.86	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-2	02/14/07	3362.11	NG	ND	49.25	ND	NA	NA	NA	3312.86	
MW-2	02/21/07	3362.11	NG	ND	49.25	ND	NA	NA	NA	3312.86	
MW-2	02/28/07	3362.11	64.06	ND	49.10	ND	NA	NA	NA	3313.01	Sampled
MW-2	03/07/07	3362.11	NG	ND	49.18	ND	NA	NA	NA	3312.93	
MW-2	04/03/07	3362.11	NG	ND	49.13	ND	NA	NA	NA	3312.98	
MW-2	05/03/07	3362.11	NG	ND	49.03	ND	NA	NA	NA	3313.08	
MW-2	05/30/07	3362.11	64.07	ND	49.10	ND	NA	NA	NA	3313.01	Sampled
MW-2	06/06/07	3362.11	64.06	ND	49.03	ND	NA	NA	NA	3313.08	
MW-2	07/05/07	3362.11	64.03	ND	49.00	ND	NA	NA	NA	3313.11	
MW-2	07/31/07	3362.11	64.03	ND	49.03	ND	NA	NA	NA	3313.08	
MW-2	09/06/07	3362.11	64.04	ND	48.98	ND	NA	NA	NA	3313.13	Sampled
MW-2	09/10/07	3362.11	64.05	ND	49.01	ND	NA	NA	NA	3313.10	
MW-2	11/13/07	3362.11	64.05	ND	49.12	ND	NA	NA	NA	3312.99	Sampled
MW-2	12/27/07	3362.11	64.05	ND	49.07	ND	NA	NA	NA	3313.04	
MW-2	01/09/08	3362.11	64.07	ND	49.00	ND	NA	NA	NA	3313.11	
MW-2	02/06/08	3362.11	64.07	ND	49.01	ND	NA	NA	NA	3313.10	
MW-2	02/27/08	3362.11	64.03	ND	49.15	ND	NA	NA	NA	3312.96	Sampled
MW-2	04/02/08	3362.11	64.03	ND	49.00	ND	NA	NA	NA	3313.11	
MW-2	05/28/08	3362.11	64.02	ND	49.13	ND	NA	NA	NA	3312.98	Sampled
MW-2	06/18/08	3362.11	64.02	ND	49.18	ND	NA	NA	NA	3312.93	
MW-2	07/07/08	3362.11	64.02	ND	49.16	ND	NA	NA	NA	3312.95	
MW-2	08/18/08	3362.11	64.05	ND	49.18	ND	NA	NA	NA	3312.93	Sampled
MW-2	10/29/08	3362.11	64.01	ND	49.26	ND	NA	NA	NA	3312.85	
MW-2	11/19/08	3362.11	64.01	ND	49.26	ND	NA	NA	NA	3312.85	Sampled
MW-2	12/21/08	3362.11	64.01	ND	49.29	ND	NA	NA	NA	3312.82	
MW-2	01/07/09	3362.11	64.08	ND	49.17	ND	NA	NA	NA	3312.94	
MW-2	02/04/09	3362.11	64.10	ND	49.96	ND	NA	NA	NA	3312.15	
MW-2	02/17/09	3362.11	64.08	ND	49.22	ND	NA	NA	NA	3312.89	Sampled
MW-2	03/04/09	3362.11	64.07	ND	49.20	ND	NA	NA	NA	3312.91	
MW-2	04/08/09	3362.11	64.07	ND	49.25	ND	NA	NA	NA	3312.86	
MW-2	05/06/09	3362.11	64.07	ND	49.27*	ND	NA	NA	NA	3312.84	
MW-2	05/19/09	3362.11	64.07	ND	49.31	ND	NA	NA	NA	3312.80	Sampled
MW-2	06/03/09	3362.11	64.07	ND	49.35	ND	NA	NA	NA	3312.76	
MW-2	07/15/09	3362.11	64.07	ND	49.37	ND	NA	NA	NA	3312.74	
MW-2	08/05/09	3362.11	64.07	ND	49.39	ND	NA	NA	NA	3312.72	
MW-2	08/26/09	3362.11	64.05	ND	49.42	ND	NA	NA	NA	3312.69	Sampled
MW-2	09/02/09	3362.11	64.05	ND	49.40	ND	NA	NA	NA	3312.71	
MW-2	10/07/09	3362.11	64.05	ND	49.41	ND	NA	NA	NA	3312.70	
MW-2	11/04/09	3362.11	64.05	ND	49.47	ND	NA	NA	NA	3312.64	
MW-2	11/18/09	3362.11	64.05	ND	49.42	ND	NA	NA	NA	3312.69	Sampled
MW-2	12/02/09	3362.11	64.05	ND	49.49	ND	NA	NA	NA	3312.62	
MW-2	01/06/10	3362.11	64.05	ND	49.41	ND	NA	NA	NA	3312.70	
MW-2	02/11/10	3362.11	64.05	ND	49.43	ND	NA	NA	NA	3312.68	Sampled
MW-2	03/10/10	3362.11	64.05	ND	49.31	ND	NA	NA	NA	3312.80	
MW-2	04/07/10	3362.11	64.05	ND	49.37	ND	NA	NA	NA	3312.74	
MW-2	05/05/10	3362.11	64.05	ND	49.43	ND	NA	NA	NA	3312.68	
MW-2	05/11/10	3362.11	64.05	ND	49.27	ND	NA	NA	NA	3312.84	Sampled
MW-2	06/02/10	3362.11	64.05	ND	49.27	ND	NA	NA	NA	3312.84	
MW-2	07/07/10	3362.11	64.05	ND	49.30	ND	NA	NA	NA	3312.81	
MW-2	08/03/10	3362.11	64.05	ND	49.26	ND	NA	NA	NA	3312.85	
MW-2	08/26/10	3362.11	64.05	ND	49.25	ND	NA	NA	NA	3312.86	Sampled
MW-2	09/01/10	3362.11	64.05	ND	49.22	ND	NA	NA	NA	3312.89	
MW-2	10/13/10	3362.11	64.05	ND	49.37	ND	NA	NA	NA	3312.74	
MW-2	11/18/10	3362.11	64.05	ND	49.28	ND	NA	NA	NA	3312.83	Sampled
MW-2	11/23/10	3362.11	64.05	ND	49.30	ND	NA	NA	NA	3312.81	
MW-2	12/08/10	3362.11	64.05	ND	49.34	ND	NA	NA	NA	3312.77	
MW-2	01/12/11	3362.11	64.05	ND	49.31	ND	NA	NA	NA	3312.80	
MW-2	02/08/11	3362.11	64.05	ND	49.16	ND	NA	NA	NA	3312.95	
MW-2	02/23/11	3362.11	64.05	ND	49.19	ND	NA	NA	NA	3312.92	Sampled
MW-2	03/08/11	3362.11	64.05	ND	49.20	ND	NA	NA	NA	3312.91	
MW-2	04/13/11	3362.11	64.05	ND	49.18	ND	NA	NA	NA	3312.93	
MW-2	06/01/11	3362.11	64.05	ND	49.23	ND	NA	NA	NA	3312.88	Sampled
MW-2	07/27/11	3362.11	64.05	ND	49.23	ND	NA	NA	NA	3312.88	
MW-2	08/30/11	3362.11	64.05	ND	49.29	ND	NA	NA	NA	3312.82	Sampled
MW-2	09/14/11	3362.11	64.05	ND	49.38	ND	NA	NA	NA	3312.73	
MW-2	10/12/11	3362.11	64.05	ND	49.39	ND	NA	NA	NA	3312.72	
MW-2	11/28/11	3362.11	64.05	ND	49.37	ND	NA	NA	NA	3312.74	Sampled
MW-2	12/27/11	3362.11	64.05	ND	49.41	ND	NA	NA	NA	3312.70	
MW-2	01/18/12	3362.11	64.05	ND	49.39	ND	NA	NA	NA	3312.72	
MW-2	02/02/12	3362.11	64.05	ND	49.32	ND	NA	NA	NA	3312.79	
MW-2	02/15/12	3362.11	64.05	ND	49.37	ND	NA	NA	NA	3312.74	
MW-2	02/22/12	3362.11	64.05	ND	49.29	ND	NA	NA	NA	3312.82	Sampled
MW-2	04/26/12	3362.11	64.05	ND	49.31	ND	NA	NA	NA	3312.80	
MW-2	05/22/12	3362.11	64.05	ND	49.28	ND	NA	NA	NA	3312.83	Sampled
MW-2	07/18/12	3362.11	64.05	ND	49.43	ND	NA	NA	NA	3312.68	
MW-2	09/11/12	3362.11	64.05	ND	49.46	ND	NA	NA	NA	3312.65	
MW-2	11/26/12	3362.11	64.05	ND	49.56	ND	NA	NA	NA	3312.55	
MW-2	02/27/13	3362.11	64.05	ND	49.64	ND	NA	NA	NA	3312.47	
MW-2	06/11/13	3362.11	64.05	ND	49.65	ND	NA	NA	NA	3312.46	
MW-2	08/14/13	3362.11	64.05	ND	49.74	ND	NA	NA	NA	3312.37	
MW-2	09/10/13	3362.11	64.05	ND	49.84	ND	NA	NA	NA	3312.27	
MW-2	11/06/13	3362.11	64.10	ND	49.82	ND	NA	NA	NA	3312.29	
MW-2	02/26/14	3362.11	64.10	ND	49.77	ND	NA	NA	NA	3312.34	
MW-2	03/05/14	3362.11	64.10	ND	49.80	ND	NA	NA	NA	3312.31	Sampled

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-2	06/03/14	3362.11	64.10	ND	49.80	ND	NA	NA	NA	3312.31	Sampled
MW-2	09/17/14	3362.11	64.10	ND	49.95	ND	NA	NA	NA	3312.16	Sampled
MW-2	11/12/14	3362.11	64.10	ND	50.07	ND	NA	NA	NA	3312.04	Sampled
MW-2	02/25/15	3362.11	64.10	ND	49.92	ND	NA	NA	NA	3312.19	Sampled
MW-2	06/16/15	3362.11	64.10	ND	50.02	ND	NA	NA	NA	3312.09	Sampled
MW-2	08/26/15	3362.11	64.10	ND	50.04	ND	NA	NA	NA	3312.07	Sampled
MW-2	11/17/15	3362.11	64.10	ND	50.08	ND	NA	NA	NA	3312.03	Sampled
MW-2	03/08/16	3362.11	64.10	ND	49.94	ND	NA	NA	NA	3312.17	Sampled
MW-2	05/17/16	3362.11	64.10	ND	49.88	ND	NA	NA	NA	3312.23	Sampled
MW-2	09/19/16	3362.11	64.10	ND	49.85	ND	NA	NA	NA	3312.26	Sampled
MW-2	12/14/16	3362.11	64.10	ND	49.76	ND	NA	NA	NA	3312.35	Sampled
MW-2	05/08/17	3362.11	64.10	ND	49.59	ND	NA	NA	NA	3312.52	Sampled
MW-2	09/14/17	3362.11	64.10	ND	49.62	ND	NA	NA	NA	3312.49	Sampled
MW-2	11/28/17	3362.11	64.10	ND	49.55	ND	NA	NA	NA	3312.56	Sampled
MW-2	03/06/18	3362.11	64.10	ND	49.40	ND	NA	NA	NA	3312.71	Sampled
MW-2	06/12/18	3362.11	64.10	ND	49.26	ND	NA	NA	NA	3312.85	Sampled
MW-2	09/05/18	3362.11	64.10	ND	49.22	ND	NA	NA	NA	3312.89	Sampled
MW-2	11/27/18	3362.11	64.10	ND	49.26	ND	NA	NA	NA	3312.85	Sampled
MW-2	02/12/19	3362.11	64.10	ND	49.03	ND	NA	NA	NA	3313.08	Sampled
MW-2	05/08/19	3362.11	64.10	ND	48.80	ND	NA	NA	NA	3313.31	Sampled
MW-2	08/21/19	3362.11	64.10	ND	48.80	ND	NA	NA	NA	3313.31	Sampled
MW-2	11/05/19	3362.11	64.10	ND	48.78	ND	NA	NA	NA	3313.33	Sampled
MW-2	03/17/20	3362.11	64.10	ND	48.58	ND	NA	NA	NA	3313.53	Sampled
MW-2	06/16/20	3362.11	64.10	ND	48.54	ND	NA	NA	NA	3313.57	Sampled
MW-2	09/16/20	3362.11	64.10	ND	48.56	ND	NA	NA	NA	3313.55	Sampled
MW-2	12/22/20	3362.11	64.10	ND	48.50	ND	NA	NA	NA	3313.61	Sampled
MW-3	03/28/06	3362.02	64.76	ND	49.05	ND	NA	NA	NA	3312.97	
MW-3	03/29/06	3362.02	NG	ND	49.00	ND	NA	NA	NA	3313.02	Sampled
MW-3	04/13/06	3362.02	NG	ND	49.03	ND	NA	NA	NA	3312.99	
MW-3	04/25/06	3362.02	NG	ND	49.10	ND	NA	NA	NA	3312.92	
MW-3	05/03/06	3362.02	NG	ND	48.92	ND	NA	NA	NA	3313.10	
MW-3	05/11/06	3362.02	NG	ND	49.07	ND	NA	NA	NA	3312.95	
MW-3	05/23/06	3362.02	NG	ND	48.90	ND	NA	NA	NA	3313.12	
MW-3	06/07/06	3362.02	NG	ND	48.95	ND	NA	NA	NA	3313.07	
MW-3	06/15/06	3362.02	NG	ND	48.95	ND	NA	NA	NA	3313.07	
MW-3	06/29/06	3362.02	NG	ND	48.98	ND	NA	NA	NA	3313.04	
MW-3	07/11/06	3362.02	NG	ND	48.92	ND	NA	NA	NA	3313.10	
MW-3	07/25/06	3362.02	NG	ND	48.97	ND	NA	NA	NA	3313.05	
MW-3	08/09/06	3362.02	64.83	ND	48.90	ND	NA	NA	NA	3313.12	
MW-3	08/22/06	3362.02	NG	ND	49.02	ND	NA	NA	NA	3313.00	
MW-3	09/12/06	3362.02	64.67	ND	48.93	ND	NA	NA	NA	3313.09	Sampled
MW-3	09/19/06	3362.02	NG	ND	48.93	ND	NA	NA	NA	3313.09	
MW-3	10/03/06	3362.02	NG	ND	48.91	ND	NA	NA	NA	3313.11	
MW-3	10/17/06	3362.02	NG	ND	48.92	ND	NA	NA	NA	3313.10	
MW-3	10/31/06	3362.02	NG	ND	48.96	ND	NA	NA	NA	3313.06	
MW-3	11/15/06	3362.02	NG	ND	48.88	ND	NA	NA	NA	3313.14	
MW-3	12/06/06	3362.13	64.05	ND	48.89	ND	NA	NA	NA	3313.24	Sampled
MW-3	12/13/06	3362.13	NG	ND	49.40	ND	NA	NA	NA	3312.73	
MW-3	12/27/06	3362.13	NG	ND	48.73	ND	NA	NA	NA	3313.40	
MW-3	01/03/07	3362.13	NG	ND	48.86	ND	NA	NA	NA	3313.27	
MW-3	01/09/07	3362.13	NG	ND	48.88	ND	NA	NA	NA	3313.25	
MW-3	01/18/07	3362.13	NG	ND	48.77	ND	NA	NA	NA	3313.36	
MW-3	01/22/07	3362.13	NG	ND	48.20	ND	NA	NA	NA	3313.93	
MW-3	02/01/07	3362.13	NG	ND	48.64	ND	NA	NA	NA	3313.49	
MW-3	02/07/07	3362.13	NG	ND	48.78	ND	NA	NA	NA	3313.35	
MW-3	02/14/07	3362.13	NG	ND	48.77	ND	NA	NA	NA	3313.36	
MW-3	02/21/07	3362.13	NG	ND	48.46	ND	NA	NA	NA	3313.67	
MW-3	02/28/07	3362.13	64.79	ND	48.64	ND	NA	NA	NA	3313.49	Sampled
MW-3	03/07/07	3362.13	NG	ND	48.70	ND	NA	NA	NA	3313.43	
MW-3	04/03/07	3362.13	NG	ND	48.68	ND	NA	NA	NA	3313.45	
MW-3	05/03/07	3362.13	NG	ND	48.56	ND	NA	NA	NA	3313.57	
MW-3	05/30/07	3362.13	64.78	ND	48.62	ND	NA	NA	NA	3313.51	Sampled
MW-3	06/06/07	3362.13	64.78	ND	48.53	ND	NA	NA	NA	3313.60	
MW-3	07/05/07	3362.13	64.70	ND	48.50	ND	NA	NA	NA	3313.63	
MW-3	07/31/07	3362.13	64.70	ND	48.53	ND	NA	NA	NA	3313.60	
MW-3	09/06/07	3362.13	64.70	ND	48.52	ND	NA	NA	NA	3313.61	Sampled
MW-3	09/10/07	3362.13	64.70	ND	48.58	ND	NA	NA	NA	3313.55	
MW-3	11/13/07	3362.13	64.82	ND	48.58	ND	NA	NA	NA	3313.55	Sampled
MW-3	12/27/07	3362.13	64.82	ND	48.52	ND	NA	NA	NA	3313.61	
MW-3	01/09/08	3362.13	64.67	ND	48.51	ND	NA	NA	NA	3313.62	
MW-3	02/06/08	3362.13	64.67	ND	48.58	ND	NA	NA	NA	3313.55	
MW-3	02/27/08	3362.13	64.65	ND	48.68	ND	NA	NA	NA	3313.45	Sampled
MW-3	04/02/08	3362.13	64.65	ND	48.50	ND	NA	NA	NA	3313.63	
MW-3	05/28/08	3362.13	64.77	ND	48.67	ND	NA	NA	NA	3313.46	Sampled
MW-3	06/18/08	3362.13	64.77	ND	48.71	ND	NA	NA	NA	3313.42	
MW-3	07/07/08	3362.13	64.77	ND	48.70	ND	NA	NA	NA	3313.43	
MW-3	08/18/08	3362.13	64.68	ND	48.74	ND	NA	NA	NA	3313.39	Sampled
MW-3	10/29/08	3362.13	64.68	ND	48.75	ND	NA	NA	NA	3313.38	
MW-3	11/19/08	3362.13	64.68	ND	48.83	ND	NA	NA	NA	3313.30	Sampled
MW-3	12/21/08	3362.13	64.68	ND	48.85	ND	NA	NA	NA	3313.28	
MW-3	01/07/09	3362.13	64.69	ND	48.75	ND	NA	NA	NA	3313.38	
MW-3	02/04/09	3362.13	64.69	ND	48.81	ND	NA	NA	NA	3313.32	
MW-3	02/17/09	3362.13	64.69	ND	48.78	ND	NA	NA	NA	3313.35	Sampled

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-3	03/04/09	3362.13	64.70	ND	48.76	ND	NA	NA	NA	3313.37	
MW-3	04/08/09	3362.13	64.70	ND	48.81	ND	NA	NA	NA	3313.32	
MW-3	05/06/09	3362.13	64.70	ND	48.82	ND	NA	NA	NA	3313.31	
MW-3	05/19/09	3362.13	64.70	ND	48.88	ND	NA	NA	NA	3313.25	Sampled
MW-3	06/03/09	3362.13	64.70	ND	48.91	ND	NA	NA	NA	3313.22	
MW-3	07/15/09	3362.13	64.70	ND	48.94	ND	NA	NA	NA	3313.19	
MW-3	08/05/09	3362.13	64.70	ND	48.95	ND	NA	NA	NA	3313.18	
MW-3	08/26/09	3362.13	64.68	ND	48.97	ND	NA	NA	NA	3313.16	Sampled
MW-3	09/02/09	3362.13	64.68	ND	48.94	ND	NA	NA	NA	3313.19	
MW-3	10/07/09	3362.13	64.68	ND	48.97	ND	NA	NA	NA	3313.16	
MW-3	11/04/09	3362.13	64.68	ND	49.02	ND	NA	NA	NA	3313.11	
MW-3	11/18/09	3362.13	64.68	ND	48.98	ND	NA	NA	NA	3313.15	Sampled
MW-3	12/02/09	3362.13	64.68	ND	49.03	ND	NA	NA	NA	3313.10	
MW-3	01/06/10	3362.13	64.68	ND	48.96	ND	NA	NA	NA	3313.17	
MW-3	02/11/10	3362.13	64.68	ND	49.00	ND	NA	NA	NA	3313.13	Sampled
MW-3	03/10/10	3362.13	64.68	ND	48.86	ND	NA	NA	NA	3313.27	
MW-3	04/07/10	3362.13	64.68	ND	48.90	ND	NA	NA	NA	3313.23	
MW-3	05/05/10	3362.13	64.68	ND	48.91	ND	NA	NA	NA	3313.22	
MW-3	05/11/10	3362.13	64.68	ND	48.81	ND	NA	NA	NA	3313.32	
MW-3	06/02/10	3362.13	64.68	ND	48.80	ND	NA	NA	NA	3313.33	
MW-3	07/07/10	3362.13	64.68	ND	48.81	ND	NA	NA	NA	3313.32	
MW-3	08/03/10	3362.13	64.68	ND	48.82	ND	NA	NA	NA	3313.31	
MW-3	08/26/10	3362.13	64.68	ND	48.82	ND	NA	NA	NA	3313.31	Sampled
MW-3	09/01/10	3362.13	64.68	ND	48.79	ND	NA	NA	NA	3313.34	
MW-3	10/13/10	3362.13	64.68	ND	48.91	ND	NA	NA	NA	3313.22	
MW-3	11/18/10	3362.13	64.68	ND	48.85	ND	NA	NA	NA	3313.28	Sampled
MW-3	11/23/10	3362.13	64.68	ND	48.85	ND	NA	NA	NA	3313.28	
MW-3	12/08/10	3362.13	64.68	ND	48.88	ND	NA	NA	NA	3313.25	
MW-3	01/12/11	3362.13	64.68	ND	48.86	ND	NA	NA	NA	3313.27	
MW-3	02/08/11	3362.13	64.68	ND	48.72	ND	NA	NA	NA	3313.41	
MW-3	02/23/11	3362.13	64.68	ND	48.74	ND	NA	NA	NA	3313.39	Sampled
MW-3	03/08/11	3362.13	64.68	ND	48.73	ND	NA	NA	NA	3313.40	
MW-3	04/13/11	3362.13	64.68	ND	48.68	ND	NA	NA	NA	3313.45	
MW-3	06/01/11	3362.13	64.68	ND	48.79	ND	NA	NA	NA	3313.34	Sampled
MW-3	07/27/11	3362.13	64.68	ND	48.80	ND	NA	NA	NA	3313.33	
MW-3	08/30/11	3362.13	64.68	ND	48.83	ND	NA	NA	NA	3313.30	Sampled
MW-3	09/14/11	3362.13	64.68	ND	48.92	ND	NA	NA	NA	3313.21	
MW-3	10/12/11	3362.13	64.68	ND	48.98	ND	NA	NA	NA	3313.15	
MW-3	11/28/11	3362.13	64.68	ND	48.93	ND	NA	NA	NA	3313.20	Sampled
MW-3	12/27/11	3362.13	64.68	ND	48.95	ND	NA	NA	NA	3313.18	
MW-3	01/18/12	3362.13	64.68	ND	48.93	ND	NA	NA	NA	3313.20	
MW-3	02/02/12	3362.13	64.68	ND	48.87	ND	NA	NA	NA	3313.26	
MW-3	02/15/12	3362.13	64.68	ND	48.91	ND	NA	NA	NA	3313.22	
MW-3	02/22/12	3362.13	64.68	ND	48.82	ND	NA	NA	NA	3313.31	Sampled
MW-3	04/26/12	3362.13	64.68	ND	48.85	ND	NA	NA	NA	3313.28	
MW-3	05/22/12	3362.13	64.68	ND	48.78	ND	NA	NA	NA	3313.35	Sampled
MW-3	07/18/12	3362.13	64.68	ND	48.98	ND	NA	NA	NA	3313.15	
MW-3	09/11/12	3362.13	64.68	ND	49.02	ND	NA	NA	NA	3313.11	
MW-3	11/26/12	3362.13	64.68	ND	49.09	ND	NA	NA	NA	3313.04	
MW-3	02/27/13	3362.13	64.68	ND	49.19	ND	NA	NA	NA	3312.94	
MW-3	06/11/13	3362.13	64.68	ND	49.20	ND	NA	NA	NA	3312.93	
MW-3	08/14/13	3362.13	64.68	ND	49.28	ND	NA	NA	NA	3312.85	
MW-3	09/10/13	3362.13	64.68	ND	49.34	ND	NA	NA	NA	3312.79	
MW-3	11/06/13	3362.13	64.72	ND	49.38	ND	NA	NA	NA	3312.75	
MW-3	02/06/14	3362.13	64.72	ND	49.32	ND	NA	NA	NA	3312.81	
MW-3	03/05/14	3362.13	64.72	ND	49.35	ND	NA	NA	NA	3312.78	Sampled
MW-3	06/03/14	3362.13	64.72	ND	49.37	ND	NA	NA	NA	3312.76	Sampled
MW-3	09/17/14	3362.13	64.76	ND	49.53	ND	NA	NA	NA	3312.60	Sampled
MW-3	11/10/14	3362.13	64.72	ND	49.63	ND	NA	NA	NA	3312.50	Sampled
MW-3	02/25/15	3362.13	64.72	ND	49.48	ND	NA	NA	NA	3312.65	Sampled
MW-3	08/26/15	3362.13	64.72	ND	49.66	ND	NA	NA	NA	3312.47	Sampled
MW-3	11/17/15	3362.13	64.72	ND	49.64	ND	NA	NA	NA	3312.49	Sampled
MW-3	03/08/16	3362.13	64.72	ND	49.49	ND	NA	NA	NA	3312.64	Sampled
MW-3	05/17/16	3362.13	64.72	ND	49.43	ND	NA	NA	NA	3312.70	Sampled
MW-3	09/19/16	3362.13	64.72	ND	49.40	ND	NA	NA	NA	3312.73	Sampled
MW-3	12/14/16	3362.13	64.72	ND	49.33	ND	NA	NA	NA	3312.80	Sampled
MW-3	05/08/17	3362.13	64.72	ND	49.15	ND	NA	NA	NA	3312.98	Sampled
MW-3	09/14/17	3362.13	64.72	ND	49.15	ND	NA	NA	NA	3312.98	Sampled
MW-3	11/28/17	3362.13	64.72	ND	49.10	ND	NA	NA	NA	3313.03	Sampled
MW-3	03/06/18	3362.13	64.72	ND	48.94	ND	NA	NA	NA	3313.19	Sampled
MW-3	06/12/18	3362.13	64.72	ND	48.78	ND	NA	NA	NA	3313.35	Sampled
MW-3	09/05/18	3362.13	64.72	ND	48.75	ND	NA	NA	NA	3313.38	Sampled
MW-3	11/27/18	3362.13	64.72	ND	48.64	ND	NA	NA	NA	3313.49	Sampled
MW-3	02/12/19	3362.13	64.72	ND	48.55	ND	NA	NA	NA	3313.58	Sampled
MW-3	05/08/19	3362.13	64.72	ND	48.32	ND	NA	NA	NA	3313.81	Sampled
MW-3	08/21/19	3362.13	64.72	ND	48.32	ND	NA	NA	NA	3313.81	Sampled
MW-3	11/05/19	3362.13	64.72	ND	48.28	ND	NA	NA	NA	3313.85	Sampled
MW-3	03/17/20	3362.13	64.72	ND	48.10	ND	NA	NA	NA	3314.03	Sampled
MW-3	06/16/20	3362.13	64.72	ND	48.03	ND	NA	NA	NA	3314.10	Sampled
MW-3	09/16/20	3362.13	64.72	ND	48.09	ND	NA	NA	NA	3314.04	Sampled
MW-3	12/22/20	3362.13	64.72	ND	48.04	ND	NA	NA	NA	3314.09	Sampled
MW-4	12/06/06	3362.49	63.56	ND	48.87	ND	NA	NA	NA	3313.62	Sampled
MW-4	12/13/06	3362.49	NG	ND	48.90	ND	NA	NA	NA	3313.59	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-4	12/27/06	3362.49	NG	ND	48.72	ND	NA	NA	NA	3313.77	
MW-4	01/03/07	3362.49	NG	ND	48.82	ND	NA	NA	NA	3313.67	
MW-4	01/09/07	3362.49	NG	ND	48.86	ND	NA	NA	NA	3313.63	
MW-4	01/18/07	3362.49	NG	ND	48.76	ND	NA	NA	NA	3313.73	
MW-4	01/22/07	3362.49	NG	ND	48.68	ND	NA	NA	NA	3313.81	
MW-4	02/01/07	3362.49	NG	ND	48.63	ND	NA	NA	NA	3313.86	
MW-4	02/07/07	3362.49	NG	ND	48.75	ND	NA	NA	NA	3313.74	
MW-4	02/14/07	3362.49	NG	ND	48.74	ND	NA	NA	NA	3313.75	
MW-4	02/21/07	3362.49	NG	ND	48.46	ND	NA	NA	NA	3314.03	
MW-4	02/28/07	3362.49	63.55	ND	48.61	ND	NA	NA	NA	3313.88	Sampled
MW-4	03/07/07	3362.49	NG	ND	48.70	ND	NA	NA	NA	3313.79	
MW-4	04/03/07	3362.49	NG	ND	48.66	ND	NA	NA	NA	3313.83	
MW-4	05/03/07	3362.49	NG	ND	48.53	ND	NA	NA	NA	3313.96	
MW-4	05/30/07	3362.49	63.56	ND	48.60	ND	NA	NA	NA	3313.89	Sampled
MW-4	06/06/07	3362.49	63.56	ND	48.52	ND	NA	NA	NA	3313.97	
MW-4	07/05/07	3362.49	63.40	ND	48.48	ND	NA	NA	NA	3314.01	
MW-4	07/31/07	3362.49	63.42	ND	48.51	ND	NA	NA	NA	3313.98	
MW-4	09/06/07	3362.49	63.40	ND	48.50	ND	NA	NA	NA	3313.99	Sampled
MW-4	09/10/07	3362.49	63.42	ND	48.55	ND	NA	NA	NA	3313.94	
MW-4	11/13/07	3362.49	63.52	ND	48.61	ND	NA	NA	NA	3313.88	Sampled
MW-4	12/27/07	3362.49	63.52	ND	48.57	ND	NA	NA	NA	3313.92	
MW-4	01/09/08	3362.49	63.40	ND	48.51	ND	NA	NA	NA	3313.98	
MW-4	02/06/08	3362.49	63.40	ND	48.55	ND	NA	NA	NA	3313.94	
MW-4	02/27/08	3362.49	63.39	ND	48.69	ND	NA	NA	NA	3313.80	Sampled
MW-4	04/02/08	3362.49	63.39	ND	48.49	ND	NA	NA	NA	3314.00	
MW-4	05/28/08	3362.49	63.50	ND	48.66	ND	NA	NA	NA	3313.83	Sampled
MW-4	06/18/08	3362.49	63.50	ND	48.71	ND	NA	NA	NA	3313.78	
MW-4	07/07/08	3362.49	63.50	ND	48.68	ND	NA	NA	NA	3313.81	
MW-4	08/18/08	3362.49	63.40	ND	48.73	ND	NA	NA	NA	3313.76	Sampled
MW-4	10/29/08	3362.49	63.41	ND	48.80	ND	NA	NA	NA	3313.69	
MW-4	11/19/08	3362.49	63.41	ND	48.81	ND	NA	NA	NA	3313.68	Sampled
MW-4	12/21/08	3362.49	63.41	ND	48.83	ND	NA	NA	NA	3313.66	
MW-4	01/07/09	3362.49	63.41	ND	48.74	ND	NA	NA	NA	3313.75	
MW-4	02/04/09	3362.49	63.42	ND	48.81	ND	NA	NA	NA	3313.68	
MW-4	02/17/09	3362.49	63.40	ND	48.78	ND	NA	NA	NA	3313.71	Sampled
MW-4	03/04/09	3362.49	63.41	ND	48.74	ND	NA	NA	NA	3313.75	
MW-4	04/08/09	3362.49	63.41	ND	48.81	ND	NA	NA	NA	3313.68	
MW-4	05/06/09	3362.49	63.41	ND	48.81	ND	NA	NA	NA	3313.68	
MW-4	05/19/09	3362.49	63.41	ND	48.88	ND	NA	NA	NA	3313.61	Sampled
MW-4	06/03/09	3362.49	63.41	ND	48.90	ND	NA	NA	NA	3313.59	
MW-4	07/15/09	3362.49	63.41	ND	48.94	ND	NA	NA	NA	3313.55	
MW-4	08/05/09	3362.49	63.41	ND	48.93	ND	NA	NA	NA	3313.56	
MW-4	08/26/09	3362.49	63.40	ND	48.96	ND	NA	NA	NA	3313.53	Sampled
MW-4	09/02/09	3362.49	63.40	ND	48.97	ND	NA	NA	NA	3313.52	
MW-4	10/07/09	3362.49	63.40	ND	48.95	ND	NA	NA	NA	3313.54	
MW-4	11/04/09	3362.49	63.40	ND	48.94	ND	NA	NA	NA	3313.55	
MW-4	11/18/09	3362.49	63.40	ND	48.97	ND	NA	NA	NA	3313.52	Sampled
MW-4	12/02/09	3362.49	63.40	ND	48.93	ND	NA	NA	NA	3313.56	
MW-4	01/06/10	3362.49	63.40	ND	48.95	ND	NA	NA	NA	3313.54	
MW-4	02/11/10	3362.49	63.40	ND	48.96	ND	NA	NA	NA	3313.53	Sampled
MW-4	03/10/10	3362.49	63.40	ND	48.87	ND	NA	NA	NA	3313.62	
MW-4	04/07/10	3362.49	63.40	ND	48.88	ND	NA	NA	NA	3313.61	
MW-4	05/05/10	3362.49	63.40	ND	48.90	ND	NA	NA	NA	3313.59	
MW-4	05/11/10	3362.49	63.40	ND	48.80	ND	NA	NA	NA	3313.69	Sampled
MW-4	06/02/10	3362.49	63.40	ND	48.78	ND	NA	NA	NA	3313.71	
MW-4	07/07/10	3362.49	63.40	ND	48.80	ND	NA	NA	NA	3313.69	
MW-4	08/03/10	3362.49	63.40	ND	48.78	ND	NA	NA	NA	3313.71	
MW-4	08/26/10	3362.49	63.40	ND	48.75	ND	NA	NA	NA	3313.74	Sampled
MW-4	09/01/10	3362.49	63.40	ND	48.74	ND	NA	NA	NA	3313.75	
MW-4	10/13/10	3362.49	63.40	ND	48.88	ND	NA	NA	NA	3313.61	
MW-4	11/18/10	3362.49	63.40	ND	48.83	ND	NA	NA	NA	3313.66	Sampled
MW-4	11/23/10	3362.49	63.40	ND	48.83	ND	NA	NA	NA	3313.66	
MW-4	12/08/10	3362.49	63.40	ND	48.86	ND	NA	NA	NA	3313.63	
MW-4	01/12/11	3362.49	63.40	ND	48.83	ND	NA	NA	NA	3313.66	
MW-4	02/08/11	3362.49	63.40	ND	48.72	ND	NA	NA	NA	3313.77	
MW-4	02/23/11	3362.49	63.40	ND	48.71	ND	NA	NA	NA	3313.78	Sampled
MW-4	03/08/11	3362.49	63.40	ND	48.73	ND	NA	NA	NA	3313.76	
MW-4	04/13/11	3362.49	63.40	ND	48.71	ND	NA	NA	NA	3313.78	
MW-4	06/01/11	3362.49	63.40	ND	48.77	ND	NA	NA	NA	3313.72	Sampled
MW-4	07/27/11	3362.49	63.40	ND	48.78	ND	NA	NA	NA	3313.71	
MW-4	08/30/11	3362.49	63.40	ND	48.82	ND	NA	NA	NA	3313.67	Sampled
MW-4	09/14/11	3362.49	63.40	ND	48.89	ND	NA	NA	NA	3313.60	
MW-4	10/12/11	3362.49	63.40	ND	48.92	ND	NA	NA	NA	3313.57	
MW-4	11/28/11	3362.49	63.40	ND	48.92	ND	NA	NA	NA	3313.57	Sampled
MW-4	12/27/11	3362.49	63.40	ND	48.93	ND	NA	NA	NA	3313.56	
MW-4	01/18/12	3362.49	63.40	ND	48.91	ND	NA	NA	NA	3313.58	
MW-4	02/02/12	3362.49	63.40	ND	48.85	ND	NA	NA	NA	3313.64	
MW-4	02/15/12	3362.49	63.40	ND	48.91	ND	NA	NA	NA	3313.58	
MW-4	02/22/12	3362.49	63.40	ND	48.83	ND	NA	NA	NA	3313.66	Sampled
MW-4	04/26/12	3362.49	63.40	ND	48.83	ND	NA	NA	NA	3313.66	
MW-4	05/22/12	3362.49	63.40	ND	48.80	ND	NA	NA	NA	3313.69	Sampled
MW-4	07/18/12	3362.49	63.40	ND	48.96	ND	NA	NA	NA	3313.53	
MW-4	09/11/12	3362.49	63.40	ND	49.02	ND	NA	NA	NA	3313.47	
MW-4	11/26/12	3362.49	63.40	ND	49.10	ND	NA	NA	NA	3313.39	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-4	02/27/13	3362.49	63.40	ND	49.19	ND	NA	NA	NA	3313.30	
MW-4	06/11/13	3362.49	63.40	ND	49.20	ND	NA	NA	NA	3313.29	
MW-4	08/14/13	3362.49	63.40	ND	49.30	ND	NA	NA	NA	3313.19	
MW-4	09/10/13	3362.49	63.40	ND	49.35	ND	NA	NA	NA	3313.14	
MW-4	11/06/13	3362.49	63.48	ND	49.38	ND	NA	NA	NA	3313.11	
MW-4	02/26/14	3362.49	63.48	ND	49.32	ND	NA	NA	NA	3313.17	
MW-4	03/05/14	3362.49	63.48	ND	49.36	ND	NA	NA	NA	3313.13	Sampled
MW-4	06/03/14	3362.49	63.48	ND	49.38	ND	NA	NA	NA	3313.11	Sampled
MW-4	09/17/14	3362.49	63.48	ND	49.53	ND	NA	NA	NA	3312.96	Sampled
MW-4	11/12/14	3362.49	63.48	ND	49.67	ND	NA	NA	NA	3312.82	Sampled
MW-4	02/25/15	3362.49	63.48	ND	49.49	ND	NA	NA	NA	3313.00	Sampled
MW-4	06/16/15	3362.49	63.48	ND	49.60	ND	NA	NA	NA	3312.89	Sampled
MW-4	08/26/15	3362.49	63.48	ND	49.66	ND	NA	NA	NA	3312.83	Sampled
MW-4	11/17/15	3362.49	63.48	ND	49.64	ND	NA	NA	NA	3312.85	Sampled
MW-4	03/08/16	3362.49	63.48	ND	49.49	ND	NA	NA	NA	3313.00	Sampled
MW-4	05/17/16	3362.49	63.48	ND	49.45	ND	NA	NA	NA	3313.04	Sampled
MW-4	09/19/16	3362.49	63.48	ND	49.41	ND	NA	NA	NA	3313.08	Sampled
MW-4	12/14/16	3362.49	63.48	ND	49.30	ND	NA	NA	NA	3313.19	Sampled
MW-4	05/08/17	3362.49	63.48	ND	49.15	ND	NA	NA	NA	3313.34	Sampled
MW-4	09/14/17	3362.49	63.48	ND	49.20	ND	NA	NA	NA	3313.29	Sampled
MW-4	11/28/17	3362.49	63.48	ND	49.08	ND	NA	NA	NA	3313.41	Sampled
MW-4	03/06/18	3362.49	63.48	ND	48.92	ND	NA	NA	NA	3313.57	Sampled
MW-4	06/12/18	3362.49	63.48	ND	48.74	ND	NA	NA	NA	3313.75	Sampled
MW-4	09/05/18	3362.49	63.48	ND	48.71	ND	NA	NA	NA	3313.78	Sampled
MW-4	11/27/18	3362.49	63.48	ND	48.60	ND	NA	NA	NA	3313.89	Sampled
MW-4	02/12/19	3362.49	63.48	ND	48.64	ND	NA	NA	NA	3313.85	Sampled
MW-4	05/08/19	3362.49	63.48	ND	48.29	ND	NA	NA	NA	3314.20	Sampled
MW-4	08/21/19	3362.49	63.48	ND	48.28	ND	NA	NA	NA	3314.21	Sampled
MW-4	11/05/19	3362.49	63.48	ND	48.25	ND	NA	NA	NA	3314.24	Sampled
MW-4	03/17/20	3362.49	63.48	ND	48.09	ND	NA	NA	NA	3314.40	Sampled
MW-4	06/16/20	3362.49	63.48	ND	48.00	ND	NA	NA	NA	3314.49	Sampled
MW-4	09/16/20	3362.49	63.48	ND	48.05	ND	NA	NA	NA	3314.44	Sampled
MW-4	12/22/20	3362.49	63.48	ND	48.02	ND	NA	NA	NA	3314.47	Sampled
MW-5	12/06/06	3363.67	63.72	ND	51.65	ND	NA	NA	NA	3312.02	Sampled
MW-5	12/13/06	3363.67	NG	ND	51.66	ND	NA	NA	NA	3312.01	
MW-5	12/27/06	3363.67	NG	ND	51.50	ND	NA	NA	NA	3312.17	
MW-5	01/03/07	3363.67	NG	ND	51.61	ND	NA	NA	NA	3312.06	
MW-5	01/09/07	3363.67	NG	ND	51.63	ND	NA	NA	NA	3312.04	
MW-5	01/18/07	3363.67	NG	ND	51.54	ND	NA	NA	NA	3312.13	
MW-5	02/01/07	3363.67	NG	ND	51.40	ND	NA	NA	NA	3312.27	
MW-5	02/07/07	3363.67	NG	ND	51.56	ND	NA	NA	NA	3312.11	
MW-5	02/14/07	3363.67	NG	ND	51.53	ND	NA	NA	NA	3312.14	
MW-5	02/21/07	3363.67	NG	ND	51.51	ND	NA	NA	NA	3312.16	
MW-5	02/28/07	3363.67	63.90	ND	51.41	ND	NA	NA	NA	3312.26	Sampled
MW-5	03/07/07	3363.67	NG	ND	51.50	ND	NA	NA	NA	3312.17	
MW-5	04/03/07	3363.67	NG	ND	51.46	ND	NA	NA	NA	3312.21	
MW-5	05/03/07	3363.67	NG	ND	51.39	ND	NA	NA	NA	3312.28	
MW-5	05/30/07	3363.67	63.93	ND	51.43	ND	NA	NA	NA	3312.24	Sampled
MW-5	06/06/07	3363.67	63.93	ND	51.30	ND	NA	NA	NA	3312.37	
MW-5	07/05/07	3363.67	63.90	ND	51.27	ND	NA	NA	NA	3312.40	
MW-5	07/31/07	3363.67	63.90	ND	51.31	ND	NA	NA	NA	3312.36	
MW-5	09/06/07	3363.67	63.90	ND	51.28	ND	NA	NA	NA	3312.39	Sampled
MW-5	09/10/07	3363.67	63.90	ND	51.30	ND	NA	NA	NA	3312.37	
MW-5	11/13/07	3363.67	63.93	ND	51.38	ND	NA	NA	NA	3312.29	Sampled
MW-5	12/27/07	3363.67	63.93	ND	51.33	ND	NA	NA	NA	3312.34	
MW-5	01/09/08	3363.67	64.20	ND	51.21	ND	NA	NA	NA	3312.46	
MW-5	02/06/08	3363.67	64.20	ND	51.28	ND	NA	NA	NA	3312.39	
MW-5	02/27/08	3363.67	63.88	ND	51.42	ND	NA	NA	NA	3312.25	Sampled
MW-5	04/02/08	3363.67	63.88	ND	51.20	ND	NA	NA	NA	3312.47	
MW-5	05/28/08	3363.67	63.75	ND	51.38	ND	NA	NA	NA	3312.29	Sampled
MW-5	06/18/08	3363.67	63.75	ND	51.44	ND	NA	NA	NA	3312.23	
MW-5	07/07/08	3363.67	63.75	ND	51.38	ND	NA	NA	NA	3312.29	
MW-5	08/18/08	3363.67	63.73	ND	51.42	ND	NA	NA	NA	3312.25	Sampled
MW-5	10/29/08	3363.67	63.89	ND	51.48	ND	NA	NA	NA	3312.19	
MW-5	11/19/08	3363.67	63.89	ND	51.49	ND	NA	NA	NA	3312.18	Sampled
MW-5	12/21/08	3363.67	63.89	ND	51.49	ND	NA	NA	NA	3312.18	
MW-5	01/07/09	3363.67	63.74	ND	51.41	ND	NA	NA	NA	3312.26	
MW-5	02/04/09	3363.67	63.90	ND	51.49	ND	NA	NA	NA	3312.18	
MW-5	02/17/09	3363.67	63.78	ND	51.44	ND	NA	NA	NA	3312.23	Sampled
MW-5	03/04/09	3363.67	63.78	ND	51.42	ND	NA	NA	NA	3312.25	
MW-5	04/08/09	3363.67	63.78	ND	51.46	ND	NA	NA	NA	3312.21	
MW-5	05/06/09	3363.67	63.78	ND	51.53	ND	NA	NA	NA	3312.14	
MW-5	05/19/09	3363.67	63.78	ND	51.57	ND	NA	NA	NA	3312.10	Sampled
MW-5	06/03/09	3363.67	63.78	ND	51.59	ND	NA	NA	NA	3312.08	
MW-5	07/15/09	3363.67	63.78	ND	51.65	ND	NA	NA	NA	3312.02	
MW-5	08/05/09	3363.67	63.78	ND	51.65	ND	NA	NA	NA	3312.02	
MW-5	08/26/09	3363.67	63.71	ND	51.66	ND	NA	NA	NA	3312.01	Sampled
MW-5	09/02/09	3363.67	63.71	ND	51.68	ND	NA	NA	NA	3311.99	
MW-5	10/07/09	3363.67	63.71	ND	51.57	ND	NA	NA	NA	3312.10	
MW-5	11/04/09	3363.67	63.71	ND	51.73	ND	NA	NA	NA	3311.94	
MW-5	11/18/09	3363.67	63.71	ND	51.67	ND	NA	NA	NA	3312.00	Sampled
MW-5	12/02/09	3363.67	63.71	ND	51.74	ND	NA	NA	NA	3311.93	
MW-5	01/06/10	3363.67	63.71	ND	51.65	ND	NA	NA	NA	3312.02	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-5	02/11/10	3363.67	63.71	ND	51.54	ND	NA	NA	NA	3312.13	Sampled
MW-5	03/10/10	3363.67	63.71	ND	51.55	ND	NA	NA	NA	3312.12	
MW-5	04/07/10	3363.67	63.71	ND	51.63	ND	NA	NA	NA	3312.04	
MW-5	05/05/10	3363.67	63.71	ND	51.60	ND	NA	NA	NA	3312.07	
MW-5	05/11/10	3363.67	63.71	ND	51.49	ND	NA	NA	NA	3312.18	Sampled
MW-5	06/02/10	3363.67	63.71	ND	51.51	ND	NA	NA	NA	3312.16	
MW-5	07/07/10	3363.67	63.71	ND	51.58	ND	NA	NA	NA	3312.09	
MW-5	08/03/10	3363.67	63.71	ND	51.54	ND	NA	NA	NA	3312.13	
MW-5	08/26/10	3363.67	63.71	ND	51.53	ND	NA	NA	NA	3312.14	Sampled
MW-5	09/01/10	3363.67	63.71	ND	51.50	ND	NA	NA	NA	3312.17	
MW-5	10/13/10	3363.67	63.71	ND	51.66	ND	NA	NA	NA	3312.01	
MW-5	11/18/10	3363.67	63.71	ND	51.54	ND	NA	NA	NA	3312.13	Sampled
MW-5	11/23/10	3363.67	63.71	ND	51.54	ND	NA	NA	NA	3312.13	
MW-5	12/08/10	3363.67	63.71	ND	51.57	ND	NA	NA	NA	3312.10	
MW-5	01/12/11	3363.67	63.71	ND	51.57	ND	NA	NA	NA	3312.10	
MW-5	02/08/11	3363.67	63.71	ND	51.40	ND	NA	NA	NA	3312.27	
MW-5	02/23/11	3363.67	63.71	ND	51.43	ND	NA	NA	NA	3312.24	Sampled
MW-5	03/08/11	3363.67	63.71	ND	51.45	ND	NA	NA	NA	3312.22	
MW-5	04/13/11	3363.67	63.71	ND	51.44	ND	NA	NA	NA	3312.23	
MW-5	06/01/11	3363.67	63.71	ND	51.50	ND	NA	NA	NA	3312.17	Sampled
MW-5	07/27/11	3363.67	63.71	ND	51.54	ND	NA	NA	NA	3312.13	
MW-5	08/30/11	3363.67	63.71	ND	51.57	ND	NA	NA	NA	3312.10	Sampled
MW-5	09/14/11	3363.67	63.71	ND	51.66	ND	NA	NA	NA	3312.01	
MW-5	10/12/11	3363.67	63.71	ND	51.65	ND	NA	NA	NA	3312.02	
MW-5	11/28/11	3363.67	63.71	ND	51.63	ND	NA	NA	NA	3312.04	Sampled
MW-5	12/27/11	3363.67	63.71	ND	51.64	ND	NA	NA	NA	3312.03	
MW-5	01/18/12	3363.67	63.71	ND	51.65	ND	NA	NA	NA	3312.02	
MW-5	02/02/12	3363.67	63.71	ND	51.57	ND	NA	NA	NA	3312.10	
MW-5	02/15/12	3363.67	63.71	ND	51.63	ND	NA	NA	NA	3312.04	
MW-5	02/22/12	3363.67	63.71	ND	51.55	ND	NA	NA	NA	3312.12	Sampled
MW-5	04/26/12	3363.67	63.71	ND	51.58	ND	NA	NA	NA	3312.09	
MW-5	05/22/12	3363.67	63.71	ND	48.78	ND	NA	NA	NA	3314.89	Sampled
MW-5	07/18/12	3363.67	63.71	ND	51.73	ND	NA	NA	NA	3311.94	
MW-5	09/11/12	3363.67	63.71	ND	51.75	ND	NA	NA	NA	3311.92	
MW-5	11/26/12	3363.67	63.71	ND	51.82	ND	NA	NA	NA	3311.85	
MW-5	02/27/13	3363.67	63.71	ND	51.92	ND	NA	NA	NA	3311.75	
MW-5	06/11/13	3363.67	63.71	ND	51.90	ND	NA	NA	NA	3311.77	
MW-5	08/14/13	3363.67	63.71	ND	52.01	ND	NA	NA	NA	3311.66	
MW-5	09/10/13	3363.67	63.71	ND	52.05	ND	NA	NA	NA	3311.62	
MW-5	11/06/13	3363.67	63.81	ND	52.06	ND	NA	NA	NA	3311.61	
MW-5	02/26/14	3363.67	63.81	ND	52.02	ND	NA	NA	NA	3311.65	
MW-5	03/05/14	3363.67	63.81	ND	52.06	ND	NA	NA	NA	3311.61	Sampled
MW-5	06/03/14	3363.67	63.81	ND	52.05	ND	NA	NA	NA	3311.62	Sampled
MW-5	09/17/14	3363.67	63.81	ND	52.21	ND	NA	NA	NA	3311.46	Sampled
MW-5	11/12/14	3363.67	63.81	ND	52.29	ND	NA	NA	NA	3311.38	Sampled
MW-5	02/25/15	3363.67	63.81	ND	52.10	ND	NA	NA	NA	3311.57	Sampled
MW-5	06/16/15	3363.67	63.81	ND	52.23	ND	NA	NA	NA	3311.44	Sampled
MW-5	08/26/15	3363.67	63.81	ND	52.32	ND	NA	NA	NA	3311.35	Sampled
MW-5	11/17/15	3363.67	63.81	ND	52.25	ND	NA	NA	NA	3311.42	Sampled
MW-5	03/08/16	3363.67	63.81	ND	52.13	ND	NA	NA	NA	3311.54	Sampled
MW-5	05/17/16	3363.67	63.81	ND	52.09	ND	NA	NA	NA	3311.58	Sampled
MW-5	09/19/16	3363.67	63.81	ND	52.10	ND	NA	NA	NA	3311.57	Sampled
MW-5	12/14/16	3363.67	63.81	ND	52.01	ND	NA	NA	NA	3311.66	Sampled
MW-5	05/08/17	3363.67	63.81	ND	51.83	ND	NA	NA	NA	3311.84	Sampled
MW-5	09/14/17	3363.67	63.81	ND	51.85	ND	NA	NA	NA	3311.82	Sampled
MW-5	11/28/17	3363.67	63.81	ND	51.80	ND	NA	NA	NA	3311.87	Sampled
MW-5	03/06/18	3363.67	63.81	ND	51.70	ND	NA	NA	NA	3311.97	Sampled
MW-5	06/12/18	3363.67	63.81	ND	51.58	ND	NA	NA	NA	3312.09	Sampled
MW-5	09/05/18	3363.67	63.81	ND	51.56	ND	NA	NA	NA	3312.11	Sampled
MW-5	11/27/18	3363.67	63.81	ND	51.47	ND	NA	NA	NA	3312.20	Sampled
MW-5	02/13/19	3363.67	63.81	ND	51.40	ND	NA	NA	NA	3312.27	Sampled
MW-5	05/08/19	3363.67	63.81	ND	51.12	ND	NA	NA	NA	3312.55	Sampled
MW-5	08/21/19	3363.67	63.81	ND	51.16	ND	NA	NA	NA	3312.51	Sampled
MW-5	11/05/19	3363.67	63.81	ND	51.12	ND	NA	NA	NA	3312.55	Sampled
MW-5	03/17/20	3363.67	63.81	ND	50.93	ND	NA	NA	NA	3312.74	Sampled
MW-5	06/16/20	3363.67	63.81	ND	50.91	ND	NA	NA	NA	3312.76	Sampled
MW-5	09/16/20	3363.67	63.81	ND	50.94	ND	NA	NA	NA	3312.73	Sampled
MW-5	12/22/20	3363.67	63.81	ND	50.82	ND	NA	NA	NA	3312.85	Sampled
MW-6	12/06/06	3362.6	63.44	ND	50.48	ND	NA	NA	NA	3312.12	Sampled
MW-6	12/13/06	3362.6	NG	ND	50.50	ND	NA	NA	NA	3312.10	
MW-6	12/27/06	3362.6	NG	ND	50.33	ND	NA	NA	NA	3312.27	
MW-6	01/03/07	3362.6	NG	ND	50.46	ND	NA	NA	NA	3312.14	
MW-6	01/09/07	3362.6	NG	ND	50.48	ND	NA	NA	NA	3312.12	
MW-6	01/18/07	3362.6	NG	ND	50.38	ND	NA	NA	NA	3312.22	
MW-6	01/22/07	3362.6	NG	ND	50.30	ND	NA	NA	NA	3312.30	
MW-6	02/01/07	3362.6	NG	ND	50.23	ND	NA	NA	NA	3312.37	
MW-6	02/07/07	3362.6	NG	ND	50.36	ND	NA	NA	NA	3312.24	
MW-6	02/14/07	3362.6	NG	ND	50.36	ND	NA	NA	NA	3312.24	
MW-6	02/21/07	3362.6	NG	ND	50.37	ND	NA	NA	NA	3312.23	
MW-6	02/28/07	3362.6	63.56	ND	50.21	ND	NA	NA	NA	3312.39	Sampled
MW-6	03/07/07	3362.6	NG	ND	50.30	ND	NA	NA	NA	3312.30	
MW-6	04/03/07	3362.6	NG	ND	50.28	ND	NA	NA	NA	3312.32	
MW-6	05/03/07	3362.6	NG	ND	50.15	ND	NA	NA	NA	3312.45	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-6	05/30/07	3362.6	63.59	ND	50.22	ND	NA	NA	NA	3312.38	Sampled
MW-6	06/06/07	3362.6	63.59	ND	50.13	ND	NA	NA	NA	3312.47	
MW-6	07/05/07	3362.6	63.60	ND	50.15	ND	NA	NA	NA	3312.45	
MW-6	07/31/07	3362.6	63.60	ND	50.20	ND	NA	NA	NA	3312.40	
MW-6	09/06/07	3362.6	63.59	ND	50.10	ND	NA	NA	NA	3312.50	Sampled
MW-6	09/10/07	3362.6	63.12	ND	50.12	ND	NA	NA	NA	3312.48	
MW-6	11/13/07	3362.6	63.58	ND	50.20	ND	NA	NA	NA	3312.40	Sampled
MW-6	12/27/07	3362.6	63.58	ND	50.14	ND	NA	NA	NA	3312.46	
MW-6	01/09/08	3362.6	63.58	ND	50.11	ND	NA	NA	NA	3312.49	
MW-6	02/06/08	3362.6	63.58	ND	50.13	ND	NA	NA	NA	3312.47	
MW-6	02/27/08	3362.6	63.41	ND	50.25	ND	NA	NA	NA	3312.35	Sampled
MW-6	04/02/08	3362.6	63.41	ND	50.10	ND	NA	NA	NA	3312.50	
MW-6	05/28/08	3362.6	63.45	ND	50.25	ND	NA	NA	NA	3312.35	Sampled
MW-6	06/18/08	3362.6	63.45	ND	50.30	ND	NA	NA	NA	3312.30	
MW-6	07/07/08	3362.6	63.45	ND	50.27	ND	NA	NA	NA	3312.33	
MW-6	08/18/08	3362.6	63.60	ND	50.26	ND	NA	NA	NA	3312.34	Sampled
MW-6	10/29/08	3362.6	63.57	ND	50.31	ND	NA	NA	NA	3312.29	
MW-6	11/19/08	3362.6	63.57	ND	50.36	ND	NA	NA	NA	3312.24	Sampled
MW-6	12/21/08	3362.6	63.57	ND	50.42	ND	NA	NA	NA	3312.18	
MW-6	01/07/09	3362.6	63.43	ND	50.27	ND	NA	NA	NA	3312.33	
MW-6	02/04/09	3362.6	63.44	ND	50.36	ND	NA	NA	NA	3312.24	
MW-6	02/17/09	3362.6	63.44	ND	50.35	ND	NA	NA	NA	3312.25	Sampled
MW-6	03/04/09	3362.6	63.42	ND	50.29	ND	NA	NA	NA	3312.31	
MW-6	04/08/09	3362.6	63.42	ND	50.34	ND	NA	NA	NA	3312.26	
MW-6	05/06/09	3362.6	63.42	ND	50.39	ND	NA	NA	NA	3312.21	
MW-6	05/19/09	3362.6	63.42	ND	50.41	ND	NA	NA	NA	3312.19	Sampled
MW-6	06/03/09	3362.6	63.42	ND	50.45	ND	NA	NA	NA	3312.15	
MW-6	07/15/09	3362.6	63.42	ND	50.47	ND	NA	NA	NA	3312.13	
MW-6	08/05/09	3362.6	63.42	ND	50.49	ND	NA	NA	NA	3312.11	
MW-6	08/26/09	3362.6	63.41	ND	50.56	ND	NA	NA	NA	3312.04	Sampled
MW-6	09/02/09	3362.6	63.41	ND	50.45	ND	NA	NA	NA	3312.15	
MW-6	10/07/09	3362.6	63.41	ND	50.53	ND	NA	NA	NA	3312.07	
MW-6	11/04/09	3362.6	63.41	ND	50.57	ND	NA	NA	NA	3312.03	
MW-6	11/18/09	3362.6	63.41	ND	50.54	ND	NA	NA	NA	3312.06	Sampled
MW-6	12/02/09	3362.6	63.41	ND	50.58	ND	NA	NA	NA	3312.02	
MW-6	01/06/10	3362.6	63.41	ND	50.51	ND	NA	NA	NA	3312.09	
MW-6	02/11/10	3362.6	63.41	ND	50.50	ND	NA	NA	NA	3312.10	Sampled
MW-6	03/10/10	3362.6	63.41	ND	50.42	ND	NA	NA	NA	3312.18	
MW-6	04/07/10	3362.6	63.41	ND	50.50	ND	NA	NA	NA	3312.10	
MW-6	05/05/10	3362.6	63.41	ND	50.48	ND	NA	NA	NA	3312.12	
MW-6	05/11/10	3362.6	63.41	ND	50.38	ND	NA	NA	NA	3312.22	Sampled
MW-6	06/02/10	3362.6	63.41	ND	50.39	ND	NA	NA	NA	3312.21	
MW-6	07/07/10	3362.6	63.41	ND	50.46	ND	NA	NA	NA	3312.14	
MW-6	08/03/10	3362.6	63.41	ND	50.38	ND	NA	NA	NA	3312.22	
MW-6	08/26/10	3362.6	63.41	ND	50.35	ND	NA	NA	NA	3312.25	Sampled
MW-6	09/01/10	3362.6	63.41	ND	50.37	ND	NA	NA	NA	3312.23	
MW-6	10/13/10	3362.6	63.41	ND	50.46	ND	NA	NA	NA	3312.14	
MW-6	11/18/10	3362.6	63.41	ND	50.42	ND	NA	NA	NA	3312.18	Sampled
MW-6	11/23/10	3362.6	63.41	ND	50.38	ND	NA	NA	NA	3312.22	
MW-6	12/08/10	3362.6	63.41	ND	50.42	ND	NA	NA	NA	3312.18	
MW-6	01/12/11	3362.6	63.41	ND	50.42	ND	NA	NA	NA	3312.18	
MW-6	02/08/11	3362.6	63.41	ND	50.26	ND	NA	NA	NA	3312.34	
MW-6	02/23/11	3362.6	63.41	ND	50.30	ND	NA	NA	NA	3312.30	Sampled
MW-6	03/08/11	3362.6	63.41	ND	50.30	ND	NA	NA	NA	3312.30	
MW-6	04/13/11	3362.6	63.41	ND	50.30	ND	NA	NA	NA	3312.30	
MW-6	06/01/11	3362.6	63.41	ND	50.34	ND	NA	NA	NA	3312.26	Sampled
MW-6	07/27/11	3362.6	63.41	ND	50.35	ND	NA	NA	NA	3312.25	
MW-6	08/30/11	3362.6	63.41	ND	50.45	ND	NA	NA	NA	3312.15	Sampled
MW-6	09/14/11	3362.6	63.41	ND	50.51	ND	NA	NA	NA	3312.09	
MW-6	10/12/11	3362.6	63.41	ND	50.49	ND	NA	NA	NA	3312.11	
MW-6	11/28/11	3362.6	63.41	ND	50.47	ND	NA	NA	NA	3312.13	Sampled
MW-6	12/27/11	3362.6	63.41	ND	50.51	ND	NA	NA	NA	3312.09	
MW-6	01/18/12	3362.6	63.41	ND	50.53	ND	NA	NA	NA	3312.07	
MW-6	02/02/12	3362.6	63.41	ND	50.43	ND	NA	NA	NA	3312.17	
MW-6	02/15/12	3362.6	63.41	ND	50.47	ND	NA	NA	NA	3312.13	
MW-6	02/22/12	3362.6	63.41	ND	50.39	ND	NA	NA	NA	3312.21	Sampled
MW-6	04/26/12	3362.6	63.41	ND	50.41	ND	NA	NA	NA	3312.19	
MW-6	05/22/12	3362.6	63.41	ND	50.38	ND	NA	NA	NA	3312.22	Sampled
MW-6	07/18/12	3362.6	63.41	ND	50.57	ND	NA	NA	NA	3312.03	
MW-6	09/11/12	3362.6	63.41	ND	50.60	ND	NA	NA	NA	3312.00	
MW-6	11/26/12	3362.6	63.41	ND	50.66	ND	NA	NA	NA	3311.94	Sampled
MW-6	02/27/13	3362.6	63.41	ND	50.67	ND	NA	NA	NA	3311.93	Sampled
MW-6	06/11/13	3362.6	63.41	ND	50.76	ND	NA	NA	NA	3311.84	Sampled
MW-6	08/14/13	3362.6	63.41	ND	50.85	ND	NA	NA	NA	3311.75	
MW-6	09/10/13	3362.6	63.41	ND	50.91	ND	NA	NA	NA	3311.69	
MW-6	11/06/13	3362.6	63.50	ND	50.94	ND	NA	NA	NA	3311.66	
MW-6	02/26/14	3362.6	63.50	ND	50.88	ND	NA	NA	NA	3311.72	
MW-6	03/05/14	3362.6	63.50	ND	50.91	ND	NA	NA	NA	3311.69	Sampled
MW-6	06/03/14	3362.6	63.50	ND	50.90	ND	NA	NA	NA	3311.70	Sampled
MW-6	09/17/14	3362.6	63.50	ND	51.06	ND	NA	NA	NA	3311.54	Sampled
MW-6	11/12/14	3362.6	63.50	ND	51.12	ND	NA	NA	NA	3311.48	Sampled
MW-6	02/25/15	3362.6	63.50	ND	50.97	ND	NA	NA	NA	3311.63	Sampled
MW-6	06/16/15	3362.6	63.50	ND	51.11	ND	NA	NA	NA	3311.49	Sampled
MW-6	08/26/15	3362.6	63.50	ND	51.16	ND	NA	NA	NA	3311.44	Sampled

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-6	11/17/15	3362.6	63.50	ND	51.12	ND	NA	NA	NA	3311.48	Sampled
MW-6	03/08/16	3362.6	63.50	ND	51.02	ND	NA	NA	NA	3311.58	Sampled
MW-6	05/17/16	3362.6	63.50	ND	50.97	ND	NA	NA	NA	3311.63	Sampled
MW-6	09/19/16	3362.6	63.50	ND	51.17	ND	NA	NA	NA	3311.43	Sampled
MW-6	12/14/16	3362.6	63.50	ND	50.85	ND	NA	NA	NA	3311.75	Sampled
MW-6	05/08/17	3362.6	63.50	ND	50.70	ND	NA	NA	NA	3311.90	Sampled
MW-6	09/14/17	3362.6	63.50	ND	50.72	ND	NA	NA	NA	3311.88	Sampled
MW-6	11/28/17	3362.6	63.50	ND	50.49	ND	NA	NA	NA	3312.11	Sampled
MW-6	03/06/18	3362.6	63.50	ND	50.54	ND	NA	NA	NA	3312.06	Sampled
MW-6	06/12/18	3362.6	63.50	ND	50.41	ND	NA	NA	NA	3312.19	Sampled
MW-6	09/05/18	3362.6	63.50	ND	50.39	ND	NA	NA	NA	3312.21	Sampled
MW-6	11/27/18	3362.6	63.50	ND	50.22	ND	NA	NA	NA	3312.38	Sampled
MW-6	02/12/19	3362.6	63.50	ND	50.15	ND	NA	NA	NA	3312.45	Sampled
MW-6	05/08/19	3362.6	63.50	ND	49.95	ND	NA	NA	NA	3312.65	Sampled
MW-6	08/21/19	3362.6	63.50	ND	49.95	ND	NA	NA	NA	3312.65	Sampled
MW-6	11/05/19	3362.6	63.50	ND	49.96	ND	NA	NA	NA	3312.64	Sampled
MW-6	03/17/20	3362.6	63.50	ND	49.74	ND	NA	NA	NA	3312.86	Sampled
MW-6	06/16/20	3362.6	63.50	ND	49.67	ND	NA	NA	NA	3312.93	Sampled
MW-6	09/16/20	3362.6	63.50	ND	49.72	ND	NA	NA	NA	3312.88	Sampled
MW-6	12/22/20	3362.6	63.50	ND	49.64	ND	NA	NA	NA	3312.96	Sampled
MW-7	12/06/06	3362.75	63.88	ND	50.62	ND	NA	NA	NA	3312.13	Sampled
MW-7	12/13/06	3362.75	NG	ND	50.64	ND	NA	NA	NA	3312.11	
MW-7	12/27/06	3362.75	NG	ND	50.54	ND	NA	NA	NA	3312.21	
MW-7	01/03/07	3362.75	NG	ND	50.63	ND	NA	NA	NA	3312.12	
MW-7	01/09/07	3362.75	NG	ND	50.66	ND	NA	NA	NA	3312.09	
MW-7	01/18/07	3362.75	NG	ND	50.57	ND	NA	NA	NA	3312.18	
MW-7	01/22/07	3362.75	NG	ND	50.46	ND	NA	NA	NA	3312.29	
MW-7	02/01/07	3362.75	NG	ND	50.41	ND	NA	NA	NA	3312.34	
MW-7	02/07/07	3362.75	NG	ND	50.58	ND	NA	NA	NA	3312.17	
MW-7	02/14/07	3362.75	NG	ND	50.56	ND	NA	NA	NA	3312.19	
MW-7	02/21/07	3362.75	NG	ND	50.54	ND	NA	NA	NA	3312.21	
MW-7	02/28/07	3362.75	63.75	ND	50.41	ND	NA	NA	NA	3312.34	Sampled
MW-7	03/07/07	3362.75	NG	ND	50.50	ND	NA	NA	NA	3312.25	
MW-7	04/03/07	3362.75	NG	ND	50.49	ND	NA	NA	NA	3312.26	
MW-7	05/30/07	3362.75	63.77	ND	50.43	ND	NA	NA	NA	3312.32	Sampled
MW-7	06/06/07	3362.75	63.77	ND	50.32	ND	NA	NA	NA	3312.43	
MW-7	07/05/07	3362.75	63.70	ND	50.31	ND	NA	NA	NA	3312.44	
MW-7	07/31/07	3362.75	63.70	ND	50.34	ND	NA	NA	NA	3312.41	
MW-7	09/06/07	3362.75	63.70	ND	50.28	ND	NA	NA	NA	3312.47	Sampled
MW-7	09/10/07	3362.75	63.71	ND	50.33	ND	NA	NA	NA	3312.42	
MW-7	11/13/07	3362.75	63.72	ND	50.36	ND	NA	NA	NA	3312.39	Sampled
MW-7	12/27/07	3362.75	63.72	ND	50.32	ND	NA	NA	NA	3312.43	
MW-7	01/09/08	3362.75	63.74	ND	50.25	ND	NA	NA	NA	3312.50	
MW-7	02/06/08	3362.75	63.74	ND	50.20	ND	NA	NA	NA	3312.55	
MW-7	02/27/08	3362.75	63.75	ND	50.45	ND	NA	NA	NA	3312.30	Sampled
MW-7	04/02/08	3362.75	63.75	ND	50.28	ND	NA	NA	NA	3312.47	
MW-7	05/28/08	3362.75	63.68	ND	50.42	ND	NA	NA	NA	3312.33	Sampled
MW-7	06/18/08	3362.75	63.68	ND	50.48	ND	NA	NA	NA	3312.27	
MW-7	07/07/08	3362.75	63.68	ND	50.42	ND	NA	NA	NA	3312.33	
MW-7	08/18/08	3362.75	63.58	ND	50.47	ND	NA	NA	NA	3312.28	Sampled
MW-7	10/29/08	3362.75	63.76	ND	50.53	ND	NA	NA	NA	3312.22	
MW-7	11/19/08	3362.75	63.76	ND	50.53	ND	NA	NA	NA	3312.22	Sampled
MW-7	12/21/08	3362.75	63.76	ND	50.57	ND	NA	NA	NA	3312.18	
MW-7	01/07/09	3362.75	63.73	ND	50.45	ND	NA	NA	NA	3312.30	
MW-7	02/04/09	3362.75	63.61	ND	50.53	ND	NA	NA	NA	3312.22	
MW-7	02/17/09	3362.75	63.60	ND	50.51	ND	NA	NA	NA	3312.24	Sampled
MW-7	03/04/09	3362.75	63.77	ND	50.47	ND	NA	NA	NA	3312.28	
MW-7	04/08/09	3362.75	63.77	ND	50.52	ND	NA	NA	NA	3312.23	
MW-7	05/06/09	3362.75	63.77	ND	50.57	ND	NA	NA	NA	3312.18	
MW-7	05/19/09	3362.75	63.77	ND	50.60	ND	NA	NA	NA	3312.15	Sampled
MW-7	06/03/09	3362.75	63.77	ND	50.65	ND	NA	NA	NA	3312.10	
MW-7	07/15/09	3362.75	63.77	ND	50.66	ND	NA	NA	NA	3312.09	
MW-7	08/05/09	3362.75	63.77	ND	50.68	ND	NA	NA	NA	3312.07	
MW-7	08/26/09	3362.75	63.59	ND	50.70	ND	NA	NA	NA	3312.05	Sampled
MW-7	09/02/09	3362.75	63.59	ND	50.69	ND	NA	NA	NA	3312.06	
MW-7	10/07/09	3362.75	63.59	ND	50.69	ND	NA	NA	NA	3312.06	
MW-7	11/04/09	3362.75	63.59	ND	50.75	ND	NA	NA	NA	3312.00	
MW-7	11/18/09	3362.75	63.59	ND	50.70	ND	NA	NA	NA	3312.05	Sampled
MW-7	12/02/09	3362.75	63.59	ND	50.77	ND	NA	NA	NA	3311.98	
MW-7	01/06/10	3362.75	63.59	ND	50.69	ND	NA	NA	NA	3312.06	
MW-7	02/11/10	3362.75	63.59	ND	50.67	ND	NA	NA	NA	3312.08	Sampled
MW-7	03/10/10	3362.75	63.59	ND	50.61	ND	NA	NA	NA	3312.14	
MW-7	04/07/10	3362.75	63.59	ND	DNG	ND	NA	NA	NA	DNG	
MW-7	05/05/10	3362.75	63.59	ND	50.65	ND	NA	NA	NA	3312.10	
MW-7	05/11/10	3362.75	63.59	ND	50.54	ND	NA	NA	NA	3312.21	Sampled
MW-7	06/02/10	3362.75	63.59	ND	50.56	ND	NA	NA	NA	3312.19	
MW-7	07/07/10	3362.75	63.59	ND	50.58	ND	NA	NA	NA	3312.17	
MW-7	08/03/10	3362.75	63.59	ND	50.56	ND	NA	NA	NA	3312.19	
MW-7	08/26/10	3362.75	63.59	ND	50.58	ND	NA	NA	NA	3312.17	Sampled
MW-7	09/01/10	3362.75	63.59	ND	50.51	ND	NA	NA	NA	3312.24	
MW-7	10/13/10	3362.75	63.59	ND	50.66	ND	NA	NA	NA	3312.09	
MW-7	11/18/10	3362.75	63.59	ND	50.56	ND	NA	NA	NA	3312.19	Sampled
MW-7	11/23/10	3362.75	63.59	ND	50.57	ND	NA	NA	NA	3312.18	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
MW-7	12/08/10	3362.75	63.59	ND	50.63	ND	NA	NA	NA	3312.12	
MW-7	01/12/11	3362.75	63.59	ND	50.60	ND	NA	NA	NA	3312.15	
MW-7	02/08/11	3362.75	63.59	ND	50.45	ND	NA	NA	NA	3312.30	
MW-7	02/23/11	3362.75	63.59	ND	50.49	ND	NA	NA	NA	3312.26	Sampled
MW-7	03/08/11	3362.75	63.59	ND	50.49	ND	NA	NA	NA	3312.26	
MW-7	04/13/11	3362.75	63.59	ND	50.47	ND	NA	NA	NA	3312.28	
MW-7	06/01/11	3362.75	63.59	ND	50.53	ND	NA	NA	NA	3312.22	Sampled
MW-7	07/27/11	3362.75	63.59	ND	50.55	ND	NA	NA	NA	3312.20	
MW-7	08/30/11	3362.75	63.59	ND	50.59	ND	NA	NA	NA	3312.16	Sampled
MW-7	09/14/11	3362.75	63.59	ND	50.68	ND	NA	NA	NA	3312.07	
MW-7	10/12/11	3362.75	63.59	ND	50.66	ND	NA	NA	NA	3312.09	
MW-7	11/28/11	3362.75	63.59	ND	50.66	ND	NA	NA	NA	3312.09	Sampled
MW-7	12/27/11	3362.75	63.59	ND	50.68	ND	NA	NA	NA	3312.07	
MW-7	01/18/12	3362.75	63.59	ND	50.69	ND	NA	NA	NA	3312.06	
MW-7	02/02/12	3362.75	63.59	ND	50.58	ND	NA	NA	NA	3312.17	
MW-7	02/15/12	3362.75	63.59	ND	50.68	ND	NA	NA	NA	3312.07	
MW-7	02/22/12	3362.75	63.59	ND	50.59	ND	NA	NA	NA	3312.16	Sampled
MW-7	04/26/12	3362.75	63.59	ND	50.60	ND	NA	NA	NA	3312.15	
MW-7	05/22/12	3362.75	63.59	ND	50.53	ND	NA	NA	NA	3312.22	Sampled
MW-7	07/18/12	3362.75	63.59	ND	50.76	ND	NA	NA	NA	3311.99	
MW-7	09/11/12	3362.75	63.59	ND	50.78	ND	NA	NA	NA	3311.97	
MW-7	11/26/12	3362.75	63.59	ND	50.84	ND	NA	NA	NA	3311.91	
MW-7	02/27/13	3362.75	63.59	ND	50.94	ND	NA	NA	NA	3311.81	
MW-7	06/11/13	3362.75	63.59	ND	50.94	ND	NA	NA	NA	3311.81	
MW-7	08/14/13	3362.75	63.59	ND	51.03	ND	NA	NA	NA	3311.72	
MW-7	09/10/13	3362.75	63.59	ND	51.08	ND	NA	NA	NA	3311.67	
MW-7	11/06/13	3362.75	63.65	ND	51.10	ND	NA	NA	NA	3311.65	
MW-7	02/26/14	3362.75	63.65	ND	51.03	ND	NA	NA	NA	3311.72	
MW-7	03/05/14	3362.75	63.65	ND	51.08	ND	NA	NA	NA	3311.67	Sampled
MW-7	06/03/14	3362.75	63.65	ND	51.09	ND	NA	NA	NA	3311.66	Sampled
MW-7	09/17/14	3362.75	63.75	ND	51.23	ND	NA	NA	NA	3311.52	Sampled
MW-7	11/12/14	3362.75	63.75	ND	51.29	ND	NA	NA	NA	3311.46	Sampled
MW-7	02/25/15	3362.75	63.75	ND	51.15	ND	NA	NA	NA	3311.60	Sampled
MW-7	06/16/15	3362.75	63.75	ND	51.28	ND	NA	NA	NA	3311.47	Sampled
MW-7	08/26/15	3362.75	63.75	ND	51.35	ND	NA	NA	NA	3311.40	Sampled
MW-7	11/17/15	3362.75	63.75	ND	51.32	ND	NA	NA	NA	3311.43	Sampled
MW-7	03/08/16	3362.75	63.75	ND	51.16	ND	NA	NA	NA	3311.59	Sampled
MW-7	05/17/16	3362.75	68.56	ND	51.13	ND	NA	NA	NA	3311.62	Sampled
MW-7	09/19/16	3362.75	63.75	ND	51.13	ND	NA	NA	NA	3311.62	Sampled
MW-7	12/14/16	3362.75	63.75	ND	51.03	ND	NA	NA	NA	3311.72	Sampled
MW-7	05/08/17	3362.75	63.75	ND	50.89	ND	NA	NA	NA	3311.86	Sampled
MW-7	09/14/17	3362.75	63.75	ND	50.90	ND	NA	NA	NA	3311.85	Sampled
MW-7	11/28/17	3362.75	63.75	ND	50.85	ND	NA	NA	NA	3311.90	Sampled
MW-7	03/06/18	3362.75	63.75	ND	50.71	ND	NA	NA	NA	3312.04	Sampled
MW-7	06/12/18	3362.75	63.75	ND	50.58	ND	NA	NA	NA	3312.17	
MW-7	09/05/18	3362.75	63.75	ND	50.58	ND	NA	NA	NA	3312.17	Sampled
MW-7	11/27/18	3362.75	63.75	ND	50.45	ND	NA	NA	NA	3312.30	Sampled
MW-7	02/12/19	3362.75	63.75	ND	50.39	ND	NA	NA	NA	3312.36	Sampled
MW-7	05/08/19	3362.75	63.75	ND	50.13	ND	NA	NA	NA	3312.62	Sampled
MW-7	08/21/19	3362.75	63.75	ND	50.16	ND	NA	NA	NA	3312.59	Sampled
MW-7	11/05/19	3362.75	63.75	ND	50.12	ND	NA	NA	NA	3312.63	Sampled
MW-7	03/17/20	3362.75	63.75	ND	49.93	ND	NA	NA	NA	3312.82	Sampled
MW-7	06/16/20	3362.75	63.75	ND	49.88	ND	NA	NA	NA	3312.87	Sampled
MW-7	09/16/20	3362.75	63.75	ND	49.93	ND	NA	NA	NA	3312.82	Sampled
MW-7	12/22/20	3362.75	63.75	ND	49.84	ND	NA	NA	NA	3312.91	Sampled
RW-1	04/13/06	3348.04	NG	35.62	35.65	0.03	NA	NA	NA	3312.42	After Bailing
RW-1	04/25/06	3348.04	NG	35.68	36.01	0.33	Hand Bailed	0.50	0.00	3312.31	
RW-1	04/25/06	3348.04	NG	36.15	36.19	0.04	NA	NA	NA	3311.88	
RW-1	05/03/06	3348.04	NG	35.56	35.59	0.03	Hand Bailed	0.25	0.00	3312.48	
RW-1	05/03/06	3348.04	NG	35.51	35.53	0.02	NA	NA	NA	3312.53	
RW-1	05/11/06	3348.04	NG	ND	35.64	ND	Hand Bailed			3312.40	
RW-1	05/11/06	3348.04	NG	ND	35.78	ND	NA	NA	NA	3312.26	
RW-1	05/24/06	3348.04	NG	35.80	35.84	0.04	Hand Bailed	0.05	0.00	3312.23	
RW-1	05/24/06	3348.04	NG	ND	36.81	ND	NA	NA	NA	3311.23	
RW-1	06/07/06	3348.04	NG	35.81	35.82	0.01	Hand Bailed	0.01	0.00	3312.23	
RW-1	06/07/06	3348.04	NG	ND	36.90	ND	NA	NA	NA	3311.14	
RW-1	06/15/06	3348.04	NG	ND	35.68	ND	NA	NA	NA	3312.36	
RW-1	06/29/06	3348.04	NG	35.70	36.00	0.30	Hand Bailed	0.25	0.00	3312.30	
RW-1	06/29/06	3348.04	NG	ND	36.25	ND	NA	NA	NA	3311.79	
RW-1	07/11/06	3348.04	NG	35.84	35.89	0.05	NA	NA	NA	3312.19	
RW-1	07/25/06	3348.04	NG	35.89	36.02	0.13	NA	NA	NA	3312.13	
RW-1	08/09/06	3348.04	47.40	35.90	36.10	0.20	NA	NA	NA	3312.11	
RW-1	08/22/06	3348.04	NG	35.60	36.00	0.40	Hand Bailed	0.75	9.25	3312.38	
RW-1	08/22/06	3348.04	NG	36.70	36.74	0.04	NA	NA	NA	3311.33	
RW-1	09/12/06	3348.04	47.62	35.70	36.33	0.63	NA	NA	NA	3312.25	
RW-1	09/19/06	3348.04	NG	35.64	36.18	0.54	Hand Bailed	0.25	4.75	3312.32	
RW-1	09/19/06	3348.04	NG	36.15	36.20	0.05	NA	NA	NA	3311.88	
RW-1	10/03/06	3348.04	NG	35.48	35.49	0.01	Hand Bailed	0.10	9.90	3312.56	
RW-1	10/03/06	3348.04	NG	ND	35.59	ND	NA	NA	NA	3312.45	Installed Sock
RW-1	10/17/06	3348.04	NG	35.66	35.70	0.04	Hand Bailed	0.10	4.90	3312.37	
RW-1	10/17/06	3348.04	NG	ND	35.83	ND	NA	NA	NA	3312.21	Sock
RW-1	10/31/06	3348.04	NG	35.60	35.64	0.04	Hand Bailed	0.10	4.90	3312.43	

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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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	10/31/06	3348.04	NG	ND	35.72	ND	NA	NA	NA	3312.32	Sock
RW-1	11/15/06	3348.04	NG	50.56	50.68	0.12	Hand Bailed	0.10	9.90	3297.46	
RW-1	11/15/06	3348.04	NG	ND	50.65	ND	NA	NA	NA	3297.39	
RW-1	12/06/06	3360.67	NG	50.52	50.74	0.22		0.10	9.90	3310.12	Installed Sock
RW-1	12/13/06	3360.67	NG	50.48	50.79	0.31	Hand Bailed	0.25	4.75	3310.14	
RW-1	12/13/06	3360.67	NG	ND	51.90	ND	NA	NA	NA	3308.77	
RW-1	12/20/06	3360.67	NG	ND	50.76	ND	NA	NA	NA	3309.91	Removed sock
RW-1	12/27/06	3360.67	NG	50.44	50.48	0.04	Hand Bailed	0.10	4.90	3310.22	
RW-1	12/27/06	3360.67	NG	ND	51.62	ND	NA	NA	NA	3309.05	No Sock
RW-1	01/03/07	3360.67	NG	50.50	50.58	0.08	Hand Bailed	0.25	0.75	3310.16	
RW-1	01/03/07	3360.67	NG	ND	52.13	ND	NA	NA	NA	3308.54	Installed Sock
RW-1	01/09/07	3360.67	NG	ND	50.73	ND	Hand Bailed	0.10	5.00	3309.94	
RW-1	01/09/07	3360.67	NG	ND	52.22	ND	NA	NA	NA	3308.45	Flipped Sock
RW-1	01/18/07	3360.67	NG	ND	50.65	ND	Hand Bailed	0.10	9.90	3310.02	
RW-1	01/18/07	3360.67	NG	ND	50.48	ND	NA	NA	NA	3310.19	Sock
RW-1	01/22/07	3360.67	NG	ND	50.75	ND	NA	NA	NA	3309.92	
RW-1	02/01/07	3360.67	NG	ND	50.62	ND	Hand Bailed	0.10	9.90	3310.05	
RW-1	02/01/07	3360.67	NG	ND	51.99	ND	NA	NA	NA	3308.68	New sock
RW-1	02/07/07	3360.67	NG	ND	50.77	ND	Hand Bailed	0.10	9.90	3309.90	
RW-1	02/07/07	3360.67	NG	ND	51.76	ND	NA	NA	NA	3308.91	Flipped Sock
RW-1	02/14/07	3360.67	NG	ND	50.75	ND	Hand Bailed	0.10	9.90	3309.92	
RW-1	02/14/07	3360.67	NG	ND	51.82	ND	NA	NA	NA	3308.85	Sock
RW-1	02/21/07	3360.67	NG	ND	50.77	ND	Hand Bailed	0.10	9.90	3309.90	
RW-1	02/21/07	3360.67	NG	ND	51.96	ND	NA	NA	NA	3308.71	Sock
RW-1	02/28/07	3360.67	NG	ND	51.96	ND	NA	NA	NA	3308.71	
RW-1	03/07/07	3360.67	NG	ND	50.77	ND	NA	NA	NA	3309.90	New sock
RW-1	03/14/07	3360.67	NG	ND	50.62	ND	NA	NA	NA	3310.05	Sock
RW-1	03/21/07	3360.67	NG	ND	50.60	ND	NA	NA	NA	3310.07	Sock
RW-1	03/28/07	3360.67	NG	ND	50.63	ND	NA	NA	NA	3310.04	New sock
RW-1	04/03/07	3360.67	NG	ND	50.38	ND	NA	NA	NA	3310.29	Sock
RW-1	04/10/07	3360.67	NG	ND	50.43	ND	NA	NA	NA	3310.24	Sock
RW-1	04/18/07	3360.67	NG	ND	50.35	ND	NA	NA	NA	3310.32	Sock
RW-1	04/24/07	3360.67	NG	ND	50.50	ND	NA	NA	NA	3310.17	Sock
RW-1	05/03/07	3360.67	NG	ND	50.48	ND	NA	NA	NA	3310.19	Sock
RW-1	05/11/07	3360.67	NG	ND	50.33	ND	NA	NA	NA	3310.34	Sock
RW-1	05/16/07	3360.67	NG	ND	50.48	ND	NA	NA	NA	3310.19	Sock
RW-1	05/23/07	3360.67	NG	ND	50.23	ND	NA	NA	NA	3310.44	Flipped Sock
RW-1	06/06/07	3360.67	61.88	ND	50.34	ND	NA	NA	NA	3310.33	Sock
RW-1	06/13/07	3360.67	61.88	ND	50.37	ND	NA	NA	NA	3310.30	Sock
RW-1	06/19/07	3360.67	61.88	ND	50.24	ND	NA	NA	NA	3310.43	Sock
RW-1	06/27/07	3360.67	61.88	ND	50.31	ND	NA	NA	NA	3310.36	Sock
RW-1	07/05/07	3360.67	61.75	50.18	50.20	0.02	NA	NA	NA	3310.49	New sock
RW-1	07/11/07	3360.67	61.75	ND	50.28	ND	NA	NA	NA	3310.39	Sock
RW-1	07/19/07	3360.67	61.75	ND	50.45	ND	NA	NA	NA	3310.22	Sock
RW-1	07/24/07	3360.67	61.75	ND	50.36	ND	NA	NA	NA	3310.31	Sock
RW-1	07/31/07	3360.67	61.73	ND	50.41	ND	NA	NA	NA	3310.26	Sock
RW-1	08/09/07	3360.67	61.73	ND	50.52	ND	NA	NA	NA	3310.15	Sock
RW-1	08/16/07	3360.67	61.73	ND	50.48	ND	NA	NA	NA	3310.19	Sock
RW-1	08/22/07	3360.67	61.73	ND	50.63	ND	NA	NA	NA	3310.04	Sock
RW-1	08/28/07	3360.67	61.73	ND	50.78	ND	NA	NA	NA	3309.89	Sock
RW-1	09/06/07	3360.67	61.73	ND	50.78	ND	NA	NA	NA	3309.89	Sock
RW-1	09/13/07	3360.67	61.75	ND	50.60	ND	NA	NA	NA	3310.07	Sock
RW-1	09/18/07	3360.67	61.75	ND	50.54	ND	NA	NA	NA	3310.13	Sock
RW-1	09/26/07	3360.67	61.75	ND	50.58	ND	NA	NA	NA	3310.09	Sock
RW-1	10/04/07	3360.67	61.75	ND	50.63	ND	NA	NA	NA	3310.04	Sock
RW-1	10/10/07	3360.67	61.73	ND	50.60	ND	NA	NA	NA	3310.07	Sock
RW-1	10/17/07	3360.67	61.73	ND	50.62	ND	NA	NA	NA	3310.05	Sock
RW-1	10/24/07	3360.67	61.73	ND	50.61	ND	NA	NA	NA	3310.06	Sock
RW-1	10/31/07	3360.67	61.73	ND	50.52	ND	NA	NA	NA	3310.15	Sock
RW-1	11/07/07	3360.67	61.73	ND	50.60	ND	NA	NA	NA	3310.07	Sock
RW-1	11/13/07	3360.67	61.73	ND	50.62	ND	NA	NA	NA	3310.05	Sock
RW-1	11/20/07	3360.67	61.73	ND	50.64	ND	NA	NA	NA	3310.03	Sock
RW-1	11/27/07	3360.67	61.73	ND	50.63	ND	NA	NA	NA	3310.04	Sock
RW-1	12/05/07	3360.67	61.73	ND	49.90	ND	NA	NA	NA	3310.77	New sock
RW-1	12/12/07	3360.67	61.73	ND	49.89	ND	NA	NA	NA	3310.78	Sock
RW-1	12/18/07	3360.67	61.73	ND	50.52	ND	NA	NA	NA	3310.15	Sock
RW-1	12/27/07	3360.67	61.73	ND	50.47	ND	NA	NA	NA	3310.20	New sock
RW-1	01/03/08	3360.67	61.73	ND	50.48	ND	NA	NA	NA	3310.19	Sock
RW-1	01/09/08	3360.67	61.73	ND	50.50	ND	NA	NA	NA	3310.17	Sock
RW-1	01/17/08	3360.67	61.73	ND	50.50	ND	NA	NA	NA	3310.17	Sock
RW-1	01/23/08	3360.67	61.73	ND	50.44	ND	NA	NA	NA	3310.23	Sock
RW-1	01/30/08	3360.67	61.73	ND	50.56	ND	NA	NA	NA	3310.11	Sock
RW-1	02/06/08	3360.67	61.73	ND	50.56	ND	NA	NA	NA	3310.11	Sock
RW-1	02/13/08	3360.67	61.73	ND	50.54	ND	NA	NA	NA	3310.13	Sock
RW-1	02/18/08	3360.67	61.73	ND	50.34	ND	Hand Bailed	0.00	20.00	3310.33	
RW-1	02/18/08	3360.67	61.73	ND	53.12	ND	NA	NA	NA	3307.55	Sock
RW-1	02/27/08	3360.67	61.73	ND	50.37	ND	NA	NA	NA	3310.30	Sock
RW-1	03/04/08	3360.67	61.73	ND	50.41	ND	NA	NA	NA	3310.26	Sock
RW-1	03/12/08	3360.67	61.73	ND	50.43	ND	NA	NA	NA	3310.24	Sock
RW-1	03/19/08	3360.67	61.73	ND	50.45	ND	NA	NA	NA	3310.22	Sock
RW-1	03/26/08	3360.67	61.73	ND	50.45	ND	NA	NA	NA	3310.22	Sock
RW-1	04/02/08	3360.67	61.73	ND	50.50	ND	NA	NA	NA	3310.17	Sock
RW-1	04/09/08	3360.67	61.73	ND	50.50	ND	NA	NA	NA	3310.17	Sock
RW-1	04/16/08	3360.67	61.73	ND	50.52	ND	NA	NA	NA	3310.15	Sock

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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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	04/24/08	3360.67	61.73	ND	50.70	ND	NA	NA	NA	3309.97	Sock
RW-1	04/30/08	3360.67	61.73	ND	50.60	ND	NA	NA	NA	3310.07	Sock
RW-1	05/07/08	3360.67	61.73	ND	50.62	ND	NA	NA	NA	3310.05	Sock
RW-1	05/14/08	3360.67	61.73	ND	50.68	ND	NA	NA	NA	3309.99	Sock
RW-1	05/22/08	3360.67	61.73	ND	50.70	ND	NA	NA	NA	3309.97	Sock
RW-1	05/28/08	3360.67	61.70	ND	50.70	ND	NA	NA	NA	3309.97	Flipped Sock
RW-1	06/04/08	3360.67	61.70	ND	50.75	ND	NA	NA	NA	3309.92	Sock
RW-1	06/11/08	3360.67	61.70	ND	50.80	ND	NA	NA	NA	3309.87	Sock
RW-1	06/18/08	3360.67	61.70	ND	50.84	ND	NA	NA	NA	3309.83	Sock
RW-1	06/26/08	3360.67	61.70	ND	50.90	ND	NA	NA	NA	3309.77	Sock
RW-1	07/02/08	3360.67	61.70	ND	50.91	ND	NA	NA	NA	3309.76	Sock
RW-1	07/07/08	3360.67	61.70	ND	50.73	ND	NA	NA	NA	3309.94	New sock
RW-1	07/16/08	3360.67	61.70	ND	50.77	ND	NA	NA	NA	3309.90	Sock
RW-1	07/22/08	3360.67	61.70	ND	50.81	ND	NA	NA	NA	3309.86	Sock
RW-1	07/29/08	3360.67	61.70	ND	50.85	ND	NA	NA	NA	3309.82	Sock
RW-1	08/06/08	3360.67	61.70	ND	50.82	ND	NA	NA	NA	3309.85	Sock
RW-1	08/13/08	3360.67	61.70	ND	50.80	ND	NA	NA	NA	3309.87	New sock
RW-1	08/18/08	3360.67	61.70	ND	DNG	ND	NA	NA	NA	DNG	Sock
RW-1	08/27/08	3360.67	61.70	ND	50.87	ND	NA	NA	NA	3309.80	Sock
RW-1	09/02/08	3360.67	61.70	ND	50.91	ND	NA	NA	NA	3309.76	Sock
RW-1	09/09/08	3360.67	61.70	ND	50.95	ND	NA	NA	NA	3309.72	Sock
RW-1	09/16/08	3360.67	61.70	ND	50.42	ND	NA	NA	NA	3310.25	Sock
RW-1	09/24/08	3360.67	61.70	ND	50.79	ND	NA	NA	NA	3309.88	Sock
RW-1	10/01/08	3360.67	61.70	ND	50.65	ND	NA	NA	NA	3310.02	Sock
RW-1	10/08/08	3360.67	61.70	ND	50.92	ND	NA	NA	NA	3309.75	Sock
RW-1	10/15/08	3360.67	61.70	50.70	50.73	0.03		0.50	14.50	3309.97	Sock
RW-1	10/22/08	3360.67	61.70	ND	50.52	ND	NA	NA	NA	3310.15	Sock
RW-1	10/29/08	3360.67	61.70	ND	50.55	ND	NA	NA	NA	3310.12	Sock
RW-1	11/05/08	3360.67	61.70	ND	50.56	ND	NA	NA	NA	3310.11	Sock
RW-1	11/12/08	3360.67	61.70	ND	50.52	ND	NA	NA	NA	3310.15	Sock
RW-1	11/19/08	3360.67	61.70	ND	50.64	ND	NA	NA	NA	3310.03	Sock
RW-1	11/26/08	3360.67	61.70	ND	50.56	ND	Pumped	0.00	10.00	3310.11	
RW-1	11/26/08	3360.67	61.70	ND	51.13	ND	NA	NA	NA	3309.54	
RW-1	12/03/08	3360.67	61.70	ND	50.64	ND	Pumped	0.00	10.00	3310.03	
RW-1	12/03/08	3360.67	61.70	ND	51.27	ND	NA	NA	NA	3309.40	
RW-1	12/10/08	3360.67	61.70	ND	50.73	ND	Pumped	0.00	9.00	3309.94	
RW-1	12/10/08	3360.67	61.70	ND	50.72	ND	NA	NA	NA	3309.95	
RW-1	12/17/08	3360.67	61.70	ND	50.79	ND	Pumped	0.00	10.00	3309.88	
RW-1	12/17/08	3360.67	61.70	ND	50.83	ND	NA	NA	NA	3309.84	
RW-1	12/21/08	3360.67	61.70	ND	50.96	ND	NA	NA	NA	3309.71	Sock
RW-1	12/31/08	3360.67	61.70	ND	50.62	ND		0.00	10.00	3310.05	Sock
RW-1	12/31/08	3360.67	61.70	ND	50.60	ND	NA	NA	NA	3310.07	
RW-1	01/07/09	3360.67	61.75	ND	50.54	ND	NA	NA	NA	3310.13	Sock
RW-1	01/15/09	3360.67	61.75	ND	50.58	ND		0.00	10.00	3310.09	Sock
RW-1	01/15/09	3360.67	61.75	ND	51.77	ND	NA	NA	NA	3308.90	Sock
RW-1	01/22/09	3360.67	61.75	ND	50.59	ND		0.00	10.00	3310.08	New Sock
RW-1	01/22/09	3360.67	61.75	ND	51.37	ND	NA	NA	NA	3309.30	
RW-1	01/28/09	3360.67	61.75	ND	50.48	ND		0.00	10.00	3310.19	Flipped Sock
RW-1	01/28/09	3360.67	61.75	ND	52.33	ND	NA	NA	NA	3308.34	
RW-1	02/04/09	3360.67	61.64	ND	50.62	ND	Hand Bailed	0.00	10.00	3310.05	
RW-1	02/04/09	3360.67	61.64	ND	52.01	ND	NA	NA	NA	3308.66	
RW-1	02/11/09	3360.67	61.64	ND	50.55	ND	Hand Bailed	0.00	20.00	3310.12	
RW-1	02/11/09	3360.67	61.64	ND	50.56	ND	NA	NA	NA	3310.11	
RW-1	02/17/09	3360.67	61.64	ND	50.46	ND	Pumped	0.00	10.00	3310.21	
RW-1	02/17/09	3360.67	61.64	ND	50.44	ND	NA	NA	NA	3310.23	
RW-1	02/25/09	3360.67	61.64	ND	50.54	ND	Pumped	0.00	20.00	3310.13	Flipped
RW-1	02/25/09	3360.67	61.64	ND	50.49	ND	NA	NA	NA	3310.18	
RW-1	03/04/09	3360.67	61.65	ND	50.54	ND		0.00	15.00	3310.13	New Sock
RW-1	03/04/09	3360.67	61.65	ND	52.27	ND	NA	NA	NA	3308.40	
RW-1	03/11/09	3360.67	61.65	ND	50.63	ND		0.00	10.00	3310.04	Flipped Sock
RW-1	03/11/09	3360.67	61.65	ND	50.83	ND	NA	NA	NA	3309.84	
RW-1	03/18/09	3360.67	61.65	ND	50.47	ND		0.00	10.00	3310.20	New Sock
RW-1	03/18/09	3360.67	61.65	ND	50.95	ND	NA	NA	NA	3309.72	
RW-1	03/25/09	3360.67	61.65	ND	50.42	ND		0.00	10.00	3310.25	Flipped Sock
RW-1	03/25/09	3360.67	61.65	ND	51.29	ND	NA	NA	NA	3309.38	
RW-1	04/01/09	3360.67	61.65	ND	50.52	ND	NA	NA	NA	3310.15	New Sock
RW-1	04/08/09	3360.67	61.65	ND	50.48	ND	NA	NA	NA	3310.19	
RW-1	04/08/09	3360.67	61.65	ND	51.25	ND	NA	NA	NA	3309.42	
RW-1	04/15/09	3360.67	61.65	ND	50.85	ND	NA	NA	NA	3309.82	
RW-1	04/22/09	3360.67	61.65	ND	50.64	ND	NA	NA	NA	3310.03	
RW-1	04/29/09	3360.67	61.65	ND	50.52	ND	NA	NA	NA	3310.15	
RW-1	05/06/09	3360.67	61.65	ND	50.63	ND	NA	NA	NA	3310.04	
RW-1	05/06/09	3360.67	61.65	ND	52.44	ND	Pumped	0.00	10.00	3308.23	
RW-1	05/14/09	3360.67	61.65	ND	50.75	ND	NA	NA	NA	3309.92	
RW-1	05/19/09	3360.67	61.65	ND	50.56	ND	Pumped	0.00	22.00	3310.11	
RW-1	05/27/09	3360.67	61.65	ND	50.57	ND	NA	NA	NA	3310.10	
RW-1	05/27/09	3360.67	61.65	ND	52.35	ND	Pumped	0.00	10.00	3308.32	
RW-1	06/03/09	3360.67	61.65	ND	50.19	ND	NA	NA	NA	3310.48	
RW-1	06/03/09	3360.67	61.65	ND	50.36	ND	Pumped	0.00	15.00	3310.31	
RW-1	06/11/09	3360.67	61.65	ND	50.56	ND	NA	NA	NA	3310.11	
RW-1	06/11/09	3360.67	61.65	ND	52.03	ND	Pumped	0.00	10.00	3308.64	
RW-1	06/17/09	3360.67	61.65	ND	50.68	ND	NA	NA	NA	3309.99	
RW-1	06/23/09	3360.67	61.65	ND	50.75	ND	NA	NA	NA	3309.92	
RW-1	07/01/09	3360.67	61.65	ND	50.37	ND	NA	NA	NA	3310.30	Flipped Sock

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	07/07/09	3360.67	61.65	ND	51.00	ND	NA	NA	NA	3309.67	
RW-1	07/15/09	3360.67	61.65	ND	51.00	ND	NA	NA	NA	3309.67	New Sock
RW-1	07/29/09	3360.67	61.65	ND	50.80	ND	NA	NA	NA	3309.87	
RW-1	08/05/09	3360.67	61.65	ND	50.73	ND	NA	NA	NA	3309.94	Flipped Sock
RW-1	08/12/09	3360.67	61.65	ND	50.80	ND	NA	NA	NA	3309.87	
RW-1	08/19/09	3360.67	61.65	ND	50.80	ND	NA	NA	NA	3309.87	New Sock
RW-1	08/26/09	3360.67	61.65	ND	50.75	ND	NA	NA	NA	3309.92	
RW-1	09/02/09	3360.67	61.65	ND	50.79	ND	NA	NA	NA	3309.88	
RW-1	09/09/09	3360.67	61.65	ND	50.82	ND	NA	NA	NA	3309.85	
RW-1	09/16/09	3360.67	61.65	ND	50.96	ND	NA	NA	NA	3309.71	
RW-1	09/23/09	3360.67	61.65	ND	50.96	ND	NA	NA	NA	3309.71	New Sock
RW-1	09/30/09	3360.67	61.65	ND	50.77	ND	Pumped	0.00	10.00	3309.90	
RW-1	09/30/09	3360.67	61.65	ND	54.20	ND	NA	NA	NA	3306.47	
RW-1	10/07/09	3360.67	61.65	ND	50.87	ND	NA	NA	NA	3309.80	
RW-1	10/14/09	3360.67	61.65	ND	50.93	ND	NA	NA	NA	3309.74	
RW-1	10/21/09	3360.67	61.65	ND	50.75	ND	NA	NA	NA	3309.92	
RW-1	10/28/09	3360.67	61.65	ND	50.32	ND	Pumped	0.00	20.00	3310.35	
RW-1	10/28/09	3360.67	61.65	ND	50.35	ND	NA	NA	NA	3310.32	
RW-1	11/04/09	3360.67	61.65	50.75	50.79	0.04	Pumped	0.00	10.00	3309.91	
RW-1	11/04/09	3360.67	61.65	ND	51.97	ND	NA	NA	NA	3308.70	
RW-1	11/11/09	3360.67	61.65	50.75	50.81	0.06	Pumped	0.25	9.75	3309.91	
RW-1	11/11/09	3360.67	61.65	ND	52.19	ND	NA	NA	NA	3308.48	
RW-1	11/18/09	3360.67	61.65	50.69	50.75	0.06	Pumped	0.10	19.90	3309.97	
RW-1	11/18/09	3360.67	61.65	ND	51.95	ND	NA	NA	NA	3308.72	
RW-1	11/25/09	3360.67	61.65	50.76	50.83	0.07	Pumped	0.10	9.90	3309.90	
RW-1	11/25/09	3360.67	61.65	ND	51.75	ND	NA	NA	NA	3308.92	
RW-1	12/02/09	3360.67	61.65	50.74	50.80	0.06	Pumped	0.10	9.90	3309.92	
RW-1	12/02/09	3360.67	61.65	ND	53.15	ND	NA	NA	NA	3307.52	
RW-1	12/09/09	3360.67	61.65	50.76	50.82	0.06	Pumped	0.10	9.90	3309.90	
RW-1	12/09/09	3360.67	61.65	ND	51.85	ND	NA	NA	NA	3308.82	
RW-1	12/16/09	3360.67	61.65	50.79	50.85	0.06	Pumped	0.25	9.75	3309.87	
RW-1	12/16/09	3360.67	61.65	ND	51.42	ND	NA	NA	NA	3309.25	
RW-1	12/23/09	3360.67	61.65	50.68	50.75	0.07	Pumped	0.10	9.90	3309.98	
RW-1	12/23/09	3360.67	61.65	ND	52.46	ND	NA	NA	NA	3308.21	
RW-1	12/30/09	3360.67	61.65	50.71	50.80	0.09	Pumped	0.10	9.90	3309.95	
RW-1	12/30/09	3360.67	61.65	ND	51.80	ND	NA	NA	NA	3308.87	
RW-1	01/06/10	3360.67	61.65	50.69	50.76	0.07	Pumped	0.10	9.90	3309.97	
RW-1	01/13/10	3360.67	61.65	50.72	50.78	0.06	Pumped	0.10	9.90	3309.94	
RW-1	01/20/10	3360.67	61.65	50.64	50.69	0.05	Pumped	0.10	9.90	3310.02	
RW-1	01/27/10	3360.67	61.65	50.73	50.88	0.15	Pumped	0.10	9.90	3309.92	
RW-1	02/11/10	3360.67	61.65	50.67	50.80	0.13	Pumped	0.10	9.90	3309.98	
RW-1	02/17/10	3360.67	61.65	50.66	50.73	0.07	Pumped	0.10	9.90	3310.00	
RW-1	02/17/10	3360.67	61.65	ND	52.83	ND	NA	NA	NA	3307.84	
RW-1	03/02/10	3360.67	61.65	50.66	50.69	0.03	Pumped	0.10	9.90	3310.01	
RW-1	03/10/10	3360.67	61.65	50.57	50.64	0.07	Pumped	0.10	9.90	3310.09	
RW-1	03/17/10	3360.67	61.65	50.66	50.72	0.06	Pumped	0.10	9.90	3310.00	
RW-1	03/24/10	3360.67	61.65	50.60	50.62	0.02	Pumped	0.10	9.90	3310.07	
RW-1	03/31/10	3360.67	61.65	50.53	50.56	0.03	NA	NA	NA	3310.14	
RW-1	04/07/10	3360.67	61.65	50.60	50.68	0.08	NA	NA	NA	3310.06	
RW-1	04/14/10	3360.67	61.65	50.55	50.57	0.02	NA	NA	NA	3310.12	
RW-1	04/21/10	3360.67	61.65	50.47	50.61	0.14	Pumped	0.10	9.90	3310.18	
RW-1	04/28/10	3360.67	61.65	ND	50.59	ND	NA	NA	NA	3310.08	
RW-1	05/05/10	3360.67	61.65	50.55	50.65	0.10	hand	0.10	9.90	3310.11	
RW-1	05/11/10	3360.67	61.65	50.48	50.52	0.04	Pumped	0.10	24.90	3310.18	
RW-1	05/19/10	3360.67	61.65	50.55	50.59	0.04	Pumped	0.10	9.90	3310.11	
RW-1	05/29/10	3360.67	61.65	50.56	50.63	0.07	Pumped	0.10	9.90	3310.10	
RW-1	06/02/10	3360.67	61.65	50.52	50.55	0.03	NA	NA	NA	3310.15	
RW-1	06/12/10	3360.67	61.65	50.60	50.65	0.05	NA	NA	NA	3310.06	
RW-1	06/15/10	3360.67	61.65	50.50	50.60	0.10	NA	NA	NA	3310.16	
RW-1	06/25/10	3360.67	61.65	50.56	50.73	0.17	Pumped	<.25	10.00	3310.08	
RW-1	07/07/10	3360.67	61.65	50.60	50.66	0.06	NA	NA	NA	3310.06	
RW-1	07/14/10	3360.67	61.65	50.58	50.68	0.10	Pumped	0.10	9.90	3310.08	
RW-1	07/21/10	3360.67	61.65	50.60	50.65	0.05	NA	NA	NA	3310.06	
RW-1	07/28/10	3360.67	61.65	50.59	50.64	0.05	NA	NA	NA	3310.07	
RW-1	08/03/10	3360.67	61.65	50.57	50.67	0.10	NA	NA	NA	3310.09	
RW-1	08/11/10	3360.67	61.65	50.53	50.69	0.16	NA	NA	NA	3310.12	
RW-1	08/18/10	3360.67	61.65	50.55	50.69	0.14	Pumped	0.10	9.90	3310.10	
RW-1	08/18/10	3360.67	61.65	54.75	54.79	0.03	NA	NA	NA	3305.91	
RW-1	08/26/10	3360.67	61.65	50.60	50.63	0.03	NA	NA	NA	3310.07	
RW-1	09/01/10	3360.67	61.65	50.52	50.57	0.05	NA	NA	NA	3310.14	
RW-1	09/08/10	3360.67	61.65	50.58	50.64	0.06	Pumped	0.10	9.90	3310.08	
RW-1	09/15/10	3360.67	61.65	50.59	50.61	0.02	Pumped	0.10	4.90	3310.08	
RW-1	09/21/10	3360.67	61.65	50.54	50.55	0.01	NA	NA	NA	3310.13	
RW-1	10/01/10	3360.67	61.65	50.63	50.68	0.05	Pumped	0.10	9.90	3310.03	
RW-1	10/06/10	3360.67	61.65	50.64	50.65	0.01	NA	NA	NA	3310.03	
RW-1	10/13/10	3360.67	61.65	50.64	50.68	0.04	NA	NA	NA	3310.02	
RW-1	10/22/10	3360.67	61.65	50.56	50.59	0.03	NA	NA	NA	3310.11	
RW-1	10/27/10	3360.67	61.65	50.54	50.58	0.04	NA	NA	NA	3310.12	
RW-1	11/03/10	3360.67	61.65	ND	50.61	ND	Pumped	0.10	9.90	3310.06	
RW-1	11/10/10	3360.67	61.65	50.47	50.48	0.01	NA	NA	NA	3310.20	
RW-1	11/16/10	3360.67	61.65	50.55	50.60	0.05	Pumped	0.10	9.90	3310.11	
RW-1	11/16/10	3360.67	61.65	ND	52.14	ND	NA	NA	NA	3308.53	
RW-1	11/23/10	3360.67	61.65	50.49	50.52	0.03	NA	NA	NA	3310.18	
RW-1	12/01/10	3360.67	61.65	50.45	50.47	0.02	NA	NA	NA	3310.22	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	12/08/10	3360.67	61.65	50.52	50.58	0.06	Pumped	0.10	9.90	3310.14	
RW-1	12/08/10	3360.67	61.65	ND	51.94	ND	NA	NA	NA	3308.73	
RW-1	12/15/10	3360.67	61.65	50.41	50.43	0.02	Pumped	0.10	9.90	3310.26	
RW-1	12/15/10	3360.67	61.65	ND	52.62	ND	NA	NA	NA	3308.05	
RW-1	12/21/10	3360.67	61.65	50.49	50.50	0.01	Pumped	0.10	9.90	3310.18	
RW-1	12/21/10	3360.67	61.65	ND	52.92	ND	NA	NA	NA	3307.75	
RW-1	01/08/11	3360.67	61.65	50.43	50.44	0.01	NA	NA	NA	3310.24	
RW-1	01/12/11	3360.67	61.65	50.53	50.57	0.04	NA	NA	NA	3310.13	
RW-1	01/19/11	3360.67	61.65	50.40	50.44	0.04		0.10	9.90	3310.26	
RW-1	01/19/11	3360.67	61.65	ND	51.61	ND	NA	NA	NA	3309.06	
RW-1	01/25/11	3360.67	61.65	50.46	50.47	0.01	NA	NA	NA	3310.21	
RW-1	02/04/11	3360.67	61.65	50.43	50.44	0.01	NA	NA	NA	3310.24	
RW-1	02/08/11	3360.67	61.65	50.37	50.48	0.11	NA	NA	NA	3310.28	
RW-1	02/16/11	3360.67	61.65	50.40	50.48	0.08		0.10	9.90	3310.26	
RW-1	02/16/11	3360.67	61.65	ND	51.72	ND	NA	NA	NA	3308.95	
RW-1	02/23/11	3360.67	61.65	50.41	50.42	0.01		0.10	9.90	3310.26	
RW-1	02/23/11	3360.67	61.65	ND	52.51	ND	NA	NA	NA	3308.16	
RW-1	03/02/11	3360.67	61.65	50.43	50.44	0.01		0.10	9.90	3310.24	
RW-1	03/02/11	3360.67	61.65	ND	51.53	ND	NA	NA	NA	3309.14	
RW-1	03/08/11	3360.67	61.65	50.39	50.40	0.01	Hand Bailed	0.10	4.90	3310.28	
RW-1	03/08/11	3360.67	61.65	ND	52.38	ND	NA	NA	NA	3308.29	
RW-1	03/16/11	3360.67	61.65	50.40	50.41	0.01	NA	0.10	4.90	3310.27	
RW-1	03/16/11	3360.67	61.65	ND	52.10	ND	NA	NA	NA	3308.57	
RW-1	03/23/11	3360.67	61.65	50.42	50.43	0.01	NA	0.10	4.90	3310.25	
RW-1	03/23/11	3360.67	61.65	ND	51.95	ND	NA	NA	NA	3308.72	
RW-1	03/30/11	3360.67	61.65	50.39	50.40	0.01	NA	0.10	9.90	3310.28	
RW-1	03/30/11	3360.67	61.65	ND	51.34	ND	NA	NA	NA	3309.33	
RW-1	04/08/11	3360.67	61.65	50.37	50.38	0.01	Pumped	0.10	9.90	3310.30	
RW-1	04/08/11	3360.67	61.65	ND	52.24	ND	NA	NA	NA	3308.43	
RW-1	04/13/11	3360.67	61.65	50.35	50.36	0.01	NA	0.10	4.90	3310.32	
RW-1	04/13/11	3360.67	61.65	ND	52.04	ND	NA	NA	NA	3308.63	
RW-1	04/20/11	3360.67	61.65	50.41	50.43	0.02	Hand Bailed	0.10	4.90	3310.26	
RW-1	04/20/11	3360.67	61.65	ND	51.73	ND	NA	NA	NA	3308.94	
RW-1	04/27/11	3360.67	61.65	50.42	50.43	0.01	Pumped	0.10	9.90	3310.25	
RW-1	04/27/11	3360.67	61.65	ND	52.44	ND	NA	NA	NA	3308.23	
RW-1	05/04/11	3360.67	61.65	50.31	50.32	0.01		0.10	9.90	3310.36	
RW-1	05/04/11	3360.67	61.65	ND	53.02	ND	NA	NA	NA	3307.65	
RW-1	05/11/11	3360.67	61.65	50.34	50.35	0.01		0.10	9.90	3310.33	
RW-1	05/11/11	3360.67	61.65	ND	52.30	ND	NA	NA	NA	3308.37	
RW-1	05/19/11	3360.67	61.65	50.34	50.35	0.01		0.10	14.90	3310.33	
RW-1	05/19/11	3360.67	61.65	ND	52.50	ND	NA	NA	NA	3308.17	
RW-1	05/24/11	3360.67	61.65	50.35	50.37	0.02		0.10	9.90	3310.32	
RW-1	05/24/11	3360.67	61.65	ND	51.28	ND	NA	NA	NA	3309.39	
RW-1	06/01/11	3360.67	61.65	50.53	50.54	0.01	NA	NA	NA	3310.14	Sampled
RW-1	06/08/11	3360.67	61.65	50.42	50.43	0.01		0.00	10.00	3310.25	
RW-1	06/08/11	3360.67	61.65	ND	50.95	ND	NA	NA	NA	3309.72	
RW-1	06/17/11	3360.67	61.65	50.34	50.35	0.01		0.00	10.00	3310.33	
RW-1	06/17/11	3360.67	61.65	ND	51.56	ND	NA	NA	NA	3309.11	
RW-1	06/21/11	3360.67	61.65	50.37	50.41	0.04		0.10	9.90	3310.29	
RW-1	06/21/11	3360.67	61.65	ND	51.35	ND	NA	NA	NA	3309.32	
RW-1	06/29/11	3360.67	61.65	50.54	50.58	0.04		0.10	4.90	3310.12	
RW-1	06/29/11	3360.67	61.65	ND	51.88	ND	NA	NA	NA	3308.79	
RW-1	07/06/11	3360.67	61.65	50.56	50.58	0.02		0.10	4.90	3310.11	
RW-1	07/06/11	3360.67	61.65	ND	50.92	ND	NA	NA	NA	3309.75	
RW-1	07/13/11	3360.67	61.65	50.55	50.56	0.01		0.10	9.90	3310.12	
RW-1	07/13/11	3360.67	61.65	ND	51.85	ND	NA	NA	NA	3308.82	
RW-1	07/20/11	3360.67	61.65	50.58	50.59	0.01	NA	NA	NA	3310.09	
RW-1	07/27/11	3360.67	61.65	50.55	50.58	0.03		0.10	9.90	3310.12	
RW-1	07/27/11	3360.67	61.65	ND	51.99	ND	NA	NA	NA	3308.68	
RW-1	08/03/11	3360.67	61.65	50.60	50.65	0.05		0.10	4.90	3310.06	
RW-1	08/03/11	3360.67	61.65	ND	51.70	ND	NA	NA	NA	3308.97	
RW-1	08/11/11	3360.67	61.65	50.61	50.64	0.03	Hand Bailed	0.10	4.90	3310.06	
RW-1	08/11/11	3360.67	61.65	ND	51.25	ND	NA	NA	NA	3309.42	
RW-1	08/16/11	3360.67	61.65	50.54	50.56	0.02	NA	NA	NA	3310.13	
RW-1	08/24/11	3360.67	61.65	50.62	50.64	0.02		0.10	9.90	3310.05	
RW-1	08/24/11	3360.67	61.65	ND	51.79	ND	NA	NA	NA	3308.88	
RW-1	08/30/11	3360.67	61.65	50.62	50.64	0.02		0.10	4.90	3310.05	
RW-1	08/30/11	3360.67	61.65	ND	51.84	ND	NA	NA	NA	3308.83	
RW-1	09/07/11	3360.67	61.65	50.66	50.70	0.04		0.10	4.90	3310.00	
RW-1	09/07/11	3360.67	61.65	ND	51.16	ND	NA	NA	NA	3309.51	
RW-1	09/14/11	3360.67	61.65	50.65	50.67	0.02	NA	NA	NA	3310.02	
RW-1	09/21/11	3360.67	61.65	50.62	50.71	0.09		0.10	4.90	3310.04	
RW-1	09/21/11	3360.67	61.65	ND	51.13	ND	NA	NA	NA	3309.54	
RW-1	09/28/11	3360.67	61.65	50.65	50.70	0.05	Hand Bailed	0.10	4.90	3310.01	
RW-1	09/28/11	3360.67	61.65	ND	51.50	ND	NA	NA	NA	3309.17	
RW-1	10/05/11	3360.67	61.65	50.64	50.68	0.04	Pumped	0.10	10.00	3310.02	Clear at 2 gal
RW-1	10/05/11	3360.67	61.65	ND	52.28	ND	NA	NA	NA	3308.39	
RW-1	10/12/11	3360.67	61.65	50.66	50.68	0.02		0.10	9.90	3310.01	
RW-1	10/12/11	3360.67	61.65	ND	51.95	ND	NA	NA	NA	3308.72	
RW-1	10/18/11	3360.67	61.65	50.73	50.74	0.01		0.10	9.90	3309.94	Clear at 3 gal
RW-1	10/18/11	3360.67	61.65	ND	51.96	ND	NA	NA	NA	3308.71	
RW-1	10/28/11	3360.67	61.65	50.73	50.76	0.03	NA	NA	NA	3309.94	
RW-1	11/02/11	3360.67	61.65	50.68	50.72	0.04		0.10	4.90	3309.98	Clear at 2 gal
RW-1	11/02/11	3360.67	61.65	ND	52.04	ND	NA	NA	NA	3308.63	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	11/09/11	3360.67	61.65	50.75	50.77	0.02		0.10	9.90	3309.92	
RW-1	11/09/11	3360.67	61.65	ND	51.16	ND	NA	NA	NA	3309.51	
RW-1	11/18/11	3360.67	61.65	50.63	50.64	0.01	NA	NA	NA	3310.04	
RW-1	11/23/11	3360.67	61.65	50.72	50.76	0.04	NA	NA	NA	3309.94	
RW-1	11/28/11	3360.67	61.65	50.63	50.69	0.06	NA	NA	NA	3310.03	
RW-1	12/13/11	3360.67	61.65	50.64	50.76	0.12		0.10	4.90	3310.01	
RW-1	12/13/11	3360.67	61.65	ND	52.05	ND	NA	NA	NA	3308.62	
RW-1	12/20/11	3360.67	61.65	50.69	50.74	0.05		0.10	4.90	3309.97	
RW-1	12/20/11	3360.67	61.65	ND	57.20	ND	NA	NA	NA	3303.47	
RW-1	12/27/11	3360.67	61.65	50.70	50.74	0.04		0.10	4.90	3309.96	
RW-1	12/27/11	3360.67	61.65	ND	51.65	ND	NA	NA	NA	3309.02	
RW-1	01/04/12	3360.67	61.65	50.75	50.76	0.01	NA	NA	NA	3309.92	
RW-1	01/13/12	3360.67	61.65	50.70	50.75	0.05		0.10	4.90	3309.96	
RW-1	01/13/12	3360.67	61.65	ND	51.25	ND	NA	NA	NA	3309.42	
RW-1	01/18/12	3360.67	61.65	50.68	50.72	0.04	NA	NA	NA	3309.98	
RW-1	01/27/12	3360.67	61.65	50.65	50.70	0.05		0.10	4.90	3310.01	
RW-1	01/27/12	3360.67	61.65	ND	52.44	ND	NA	NA	NA	3308.23	
RW-1	02/02/12	3360.67	61.65	50.62	50.63	0.01	NA	NA	NA	3310.05	
RW-1	02/08/12	3360.67	61.65	50.70	50.78	0.08		0.10	4.90	3309.96	
RW-1	02/08/12	3360.67	61.65	ND	51.20	ND	NA	NA	NA	3309.47	
RW-1	02/15/12	3360.67	61.65	50.63	50.69	0.06		0.10	4.90	3310.03	
RW-1	02/15/12	3360.67	61.65	ND	52.73	ND	NA	NA	NA	3307.94	
RW-1	02/22/12	3360.67	61.65	49.54	49.62	0.08	NA	NA	NA	3311.12	
RW-1	02/29/12	3360.67	61.65	50.61	50.68	0.07		0.10	4.90	3310.05	
RW-1	02/29/12	3360.67	61.65	ND	51.60	ND	NA	NA	NA	3309.07	
RW-1	03/06/12	3360.67	61.65	50.55	50.60	0.05		0.10	4.90	3310.11	
RW-1	03/06/12	3360.67	61.65	ND	52.83	ND	NA	NA	NA	3307.84	
RW-1	03/14/12	3360.67	61.65	50.60	50.66	0.06		0.10	4.90	3310.06	
RW-1	03/21/12	3360.67	61.65	51.45	51.55	0.10		0.10	4.90	3309.21	
RW-1	03/21/12	3360.67	61.65	ND	51.65	ND	NA	NA	NA	3309.02	
RW-1	03/29/12	3360.67	61.65	50.54	50.62	0.08		0.10	9.90	3310.12	
RW-1	03/29/12	3360.67	61.65	ND	51.32	ND	NA	NA	NA	3309.35	
RW-1	04/03/12	3360.67	61.65	50.56	50.70	0.14		0.10	9.90	3310.09	
RW-1	04/03/12	3360.67	61.65	ND	51.38	ND	NA	NA	NA	3309.29	
RW-1	04/11/12	3360.67	61.65	50.50	50.64	0.14		0.10	9.90	3310.15	
RW-1	04/11/12	3360.67	61.65	ND	51.28	ND	NA	NA	NA	3309.39	
RW-1	04/20/12	3360.67	61.65	50.25	50.47	0.22		0.10	9.90	3310.39	
RW-1	04/20/12	3360.67	61.65	ND	51.89	ND	NA	NA	NA	3308.78	
RW-1	04/26/12	3360.67	61.65	50.39	50.80	0.41		0.10	9.90	3310.22	
RW-1	04/26/12	3360.67	61.65	ND	51.90	ND	NA	NA	NA	3308.77	
RW-1	05/02/12	3360.67	61.65	50.54	50.67	0.13		0.10	9.90	3310.11	
RW-1	05/02/12	3360.67	61.65	ND	52.92	ND	NA	NA	NA	3307.75	
RW-1	05/09/12	3360.67	61.65	50.58	50.65	0.07		0.10	9.90	3310.08	
RW-1	05/09/12	3360.67	61.65	ND	52.50	ND	NA	NA	NA	3308.17	
RW-1	05/22/12	3360.67	61.65	50.53	50.68	0.15	NA	NA	NA	3310.12	Sampled
RW-1	05/29/12	3360.67	61.65	50.50	50.61	0.11		0.25	9.75	3310.15	
RW-1	05/29/12	3360.67	61.65	ND	51.15	ND	NA	NA	NA	3309.52	
RW-1	06/06/12	3360.67	61.65	50.55	50.63	0.08		0.10	9.90	3310.11	
RW-1	06/06/12	3360.67	61.65	ND	52.85	ND	NA	NA	NA	3307.82	
RW-1	06/13/12	3360.67	61.65	50.48	50.65	0.17		0.10	9.90	3310.16	
RW-1	06/13/12	3360.67	61.65	ND	52.65	ND	NA	NA	NA	3308.02	
RW-1	06/19/12	3360.67	61.65	50.44	50.75	0.31		0.10	9.90	3310.18	
RW-1	06/19/12	3360.67	61.65	ND	50.95	ND	NA	NA	NA	3309.72	
RW-1	06/27/12	3360.67	61.65	50.49	50.55	0.06		0.00	5.00	3310.17	
RW-1	06/27/12	3360.67	61.65	ND	51.60	ND	NA	NA	NA	3309.07	
RW-1	07/05/12	3360.67	61.65	50.55	50.65	0.10	NA	0.10	10.00	3310.11	
RW-1	07/05/12	3360.67	61.65	ND	51.37	ND	NA	NA	NA	3309.30	
RW-1	07/11/12	3360.67	61.65	50.55	50.69	0.14	NA	0.10	10.00	3310.10	
RW-1	07/11/12	3360.67	61.65	ND	51.97	ND	NA	NA	NA	3308.70	
RW-1	07/18/12	3360.67	61.65	50.59	50.76	0.17	NA	NA	10.00	3310.05	
RW-1	07/18/12	3360.67	61.65	ND	52.06	ND	NA	NA	NA	3308.61	
RW-1	07/25/12	3360.67	61.65	50.56	50.71	0.15	NA	0.125	10.00	3310.09	
RW-1	07/25/12	3360.67	61.65	ND	52.00	ND	NA	NA	NA	3308.67	
RW-1	07/31/12	3360.67	61.65	50.59	50.70	0.11	NA	0.10	10.00	3310.06	
RW-1	07/31/12	3360.67	61.65	ND	50.12	ND	NA	NA	NA	3310.55	
RW-1	08/08/12	3360.67	61.65	50.60	50.80	0.20	NA	NA	NA	3310.04	
RW-1	08/13/12	3360.67	61.65	50.50	50.62	0.12	NA	0.10	10.00	3310.15	
RW-1	08/13/12	3360.67	61.65	ND	51.70	ND	NA	NA	NA	3308.97	
RW-1	09/05/12	3360.67	61.65	50.65	50.81	0.16	NA	0.10	10.00	3310.00	
RW-1	09/11/12	3360.67	61.65	50.56	50.74	0.18	NA	0.10	10.00	3310.08	
RW-1	09/19/12	3360.67	61.65	50.68	50.90	0.22	NA	0.10	10.00	3309.96	
RW-1	09/19/12	3360.67	61.65	ND	52.75	ND	NA	NA	NA	3307.92	
RW-1	09/25/12	3360.67	61.65	50.64	50.74	0.10	NA	0.10	10.00	3310.02	
RW-1	09/25/12	3360.67	61.65	ND	52.68	ND	NA	NA	NA	3307.99	
RW-1	10/03/12	3360.67	61.65	50.70	50.82	0.12	NA	0.10	10.00	3309.95	
RW-1	10/03/12	3360.67	61.65	ND	52.12	ND	NA	NA	NA	3308.55	
RW-1	10/24/12	3360.67	61.65	50.63	50.88	0.25	NA	0.10	10.00	3310.00	
RW-1	10/24/12	3360.67	61.65	ND	51.73	ND	NA	NA	NA	3308.94	
RW-1	10/30/12	3360.67	61.65	50.68	50.77	0.09	NA	NA	NA	3309.98	
RW-1	10/30/12	3360.67	61.65	ND	52.38	ND	NA	NA	NA	3308.29	
RW-1	11/06/12	3360.67	61.65	50.71	50.77	0.06	NA	0.10	10.00	3309.95	
RW-1	11/06/12	3360.67	61.65	ND	52.50	ND	NA	NA	NA	3308.17	
RW-1	11/13/12	3360.67	61.65	50.72	50.84	0.12	NA	0.10	10.00	3309.93	
RW-1	11/13/12	3360.67	61.65	ND	52.27	ND	NA	NA	NA	3308.40	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	11/26/12	3360.67	61.65	50.71	50.75	0.04	NA	NA	NA	3309.95	
RW-1	12/05/12	3360.67	61.65	50.70	50.78	0.08	NA	NA	NA	3309.96	
RW-1	12/05/12	3360.67	61.65	ND	53.85	ND	NA	NA	NA	3306.82	
RW-1	12/11/12	3360.67	61.65	50.70	50.80	0.10	NA	NA	NA	3309.96	
RW-1	01/03/13	3360.67	61.65	50.77	50.88	0.11	NA	NA	NA	3309.88	
RW-1	01/16/13	3360.67	61.65	50.73	50.96	0.23	NA	0.10	10.00	3309.91	
RW-1	01/16/13	3360.67	61.65	ND	53.70	ND	NA	NA	NA	3306.97	
RW-1	01/23/13	3360.67	61.65	50.71	50.77	0.06	NA	0.10	10.00	3309.95	
RW-1	01/23/13	3360.67	61.65	ND	51.51	ND	NA	NA	NA	3309.16	
RW-1	01/30/13	3360.67	61.65	50.76	50.87	0.11	NA	0.10	10.00	3309.89	
RW-1	01/30/13	3360.67	61.65	ND	54.60	ND	NA	NA	NA	3306.07	
RW-1	02/07/13	3360.67	61.65	50.72	50.80	0.08	NA	0.10	10.00	3309.94	
RW-1	02/07/13	3360.67	61.65	ND	52.36	ND	NA	NA	NA	3308.31	
RW-1	02/13/13	3360.67	61.65	50.74	50.83	0.09	NA	0.10	10.00	3309.92	
RW-1	02/13/13	3360.67	61.65	ND	52.05	ND	NA	NA	NA	3308.62	
RW-1	02/27/13	3360.67	61.65	50.75	50.87	0.12	NA	NA	NA	3309.90	
RW-1	03/21/13	3360.67	61.65	50.62	50.78	0.16	NA	NA	NA	3310.03	
RW-1	03/29/13	3360.67	61.65	50.66	50.80	0.14	NA	0.10	10.00	3309.99	
RW-1	03/29/13	3360.67	61.65	ND	51.65	ND	NA	NA	NA	3309.02	
RW-1	04/03/13	3360.67	61.65	50.65	50.75	0.10	NA	0.10	10.00	3310.01	
RW-1	04/03/13	3360.67	61.65	ND	51.93	ND	NA	NA	NA	3308.74	
RW-1	04/09/13	3360.67	61.65	50.66	50.98	0.32	NA	0.10	10.00	3309.96	
RW-1	04/09/13	3360.67	61.65	ND	51.82	ND	NA	NA	NA	3308.85	
RW-1	05/01/13	3360.67	61.65	50.75	50.98	0.23	NA	0.10	10.00	3309.89	
RW-1	05/01/13	3360.67	61.65	ND	52.63	ND	NA	NA	NA	3308.04	
RW-1	05/15/13	3360.67	61.65	50.70	50.78	0.08	NA	0.10	10.00	3309.96	
RW-1	05/15/13	3360.67	61.65	ND	52.18	ND	NA	NA	NA	3308.49	
RW-1	05/21/13	3360.67	61.65	50.72	50.92	0.20	NA	0.10	10.00	3309.92	
RW-1	05/21/13	3360.67	61.65	ND	52.12	ND	NA	NA	NA	3308.55	
RW-1	06/05/13	3360.67	61.65	50.69	50.99	0.30	NA	0.50	9.50	3309.94	
RW-1	06/05/13	3360.67	61.65	ND	54.18	ND	NA	NA	NA	3306.49	
RW-1	06/11/13	3360.67	61.65	50.81	50.91	0.10	NA	NA	NA	3309.85	
RW-1	06/17/13	3360.67	61.65	50.82	50.87	0.05	NA	0.10	10.00	3309.84	
RW-1	06/26/13	3360.67	61.65	50.76	50.93	0.17	NA	0.25	9.75	3309.88	
RW-1	06/26/13	3360.67	61.65	ND	52.11	ND	NA	NA	NA	3308.56	
RW-1	07/03/13	3360.67	61.65	50.77	51.00	0.23	NA	0.25	9.75	3309.87	
RW-1	07/10/13	3360.67	61.65	50.77	51.09	0.32	NA	NA	NA	3309.85	
RW-1	07/23/13	3360.67	61.65	50.78	51.30	0.52	NA	1.00	9.00	3309.81	
RW-1	07/30/13	3360.67	61.65	50.65	50.99	0.34	NA	1.00	9.00	3309.97	
RW-1	08/07/13	3360.67	61.65	50.63	50.96	0.33	NA	0.50	9.50	3309.99	
RW-1	08/14/13	3360.67	61.65	50.85	51.15	0.30	NA	NA	NA	3309.78	
RW-1	08/21/13	3360.67	61.65	50.82	51.11	0.29	NA	0.50	9.50	3309.81	
RW-1	08/28/13	3360.67	61.65	50.83	51.43	0.60	NA	0.50	9.50	3309.75	
RW-1	09/06/13	3360.67	61.65	50.90	51.02	0.12	NA	0.25	9.75	3309.75	
RW-1	09/10/13	3360.67	61.65	50.92	51.12	0.20	NA	NA	NA	3309.72	
RW-1	09/21/13	3360.67	61.65	50.92	51.18	0.26	NA	NA	NA	3309.71	
RW-1	09/28/13	3360.67	61.65	50.97	51.31	0.34	NA	0.50	4.50	3309.65	
RW-1	10/02/13	3360.67	61.65	50.88	51.15	0.27	NA	0.50	9.50	3309.75	
RW-1	10/11/13	3360.67	61.65	50.88	51.53	0.65	NA	0.50	9.50	3309.69	
RW-1	10/16/13	3360.67	61.65	50.85	50.95	0.10	NA	0.25	9.00	3309.81	
RW-1	10/30/13	3360.67	61.65	50.86	51.38	0.52	NA	0.50	9.50	3309.73	
RW-1	11/06/13	3360.67	61.65	49.96	50.18	0.22	NA	NA	NA	3310.68	
RW-1	11/20/13	3362.10	61.65	49.77	49.91	0.14	NA	0.50	4.50	3312.31	
RW-1	11/27/13	3362.10	61.65	49.83	50.15	0.32	NA	0.50	4.50	3312.22	
RW-1	12/17/13	3362.10	61.65	49.74	50.49	0.75	NA	0.50	9.50	3312.25	
RW-1	01/02/14	3362.10	61.65	49.74	50.68	0.94	NA	1.00	9.00	3312.22	
RW-1	01/09/14	3362.10	61.65	49.71	50.02	0.31	NA	0.50	9.50	3312.34	
RW-1	01/15/14	3362.10	61.65	49.80	49.97	0.17	NA	0.25	4.75	3312.27	
RW-1	01/22/14	3362.10	61.65	49.78	49.90	0.12	NA	0.25	9.75	3312.30	
RW-1	01/30/14	3362.10	61.65	49.70	50.02	0.32	NA	0.50	9.50	3312.35	
RW-1	02/05/14	3362.10	61.65	49.83	50.02	0.19	NA	1.00	9.00	3312.24	
RW-1	02/13/14	3362.10	61.65	49.75	49.95	0.20	NA	0.50	9.50	3312.32	
RW-1	02/20/14	3362.10	61.65	49.80	49.99	0.19	NA	0.50	9.50	3312.27	
RW-1	02/26/14	3362.10	61.65	49.73	50.15	0.42	NA	0.50	9.50	3312.31	
RW-1	03/05/14	3362.10	61.65	49.82	50.00	0.18	NA	0.25	9.75	3312.25	
RW-1	03/18/14	3362.10	61.65	49.72	50.08	0.36	NA	1.00	9.00	3312.33	
RW-1	04/02/14	3362.10	61.65	49.63	50.18	0.55	NA	1.00	9.00	3312.39	
RW-1	04/09/14	3362.10	61.65	49.70	50.22	0.52	NA	1.00	9.00	3312.32	
RW-1	04/15/14	3362.10	61.65	49.78	49.98	0.20	NA	0.25	9.75	3312.29	
RW-1	04/23/14	3362.10	61.65	49.75	49.99	0.24	NA	0.25	9.75	3312.31	
RW-1	05/04/14	3362.10	61.65	49.70	50.22	0.52	NA	0.25	9.75	3312.32	
RW-1	05/07/14	3362.10	61.65	49.76	49.89	0.13	NA	0.25	9.75	3312.32	
RW-1	05/16/14	3362.10	61.65	49.75	49.98	0.23	NA	0.25	9.75	3312.32	
RW-1	05/20/14	3362.10	61.65	49.78	49.86	0.08	NA	0.25	9.75	3312.31	
RW-1	06/03/14	3362.10	61.65	49.80	50.10	0.30	NA	NA	NA	3312.26	
RW-1	06/19/14	3362.10	61.65	49.82	50.08	0.26	NA	0.50	9.50	3312.24	
RW-1	06/25/14	3362.10	61.65	49.85	50.10	0.25	NA	0.25	9.25	3312.21	
RW-1	07/09/14	3362.10	61.65	49.82	50.45	0.63	NA	0.50	9.50	3312.19	
RW-1	07/16/14	3362.10	61.65	49.87	50.10	0.23	NA	0.50	9.50	3312.20	
RW-1	07/23/14	3362.10	61.65	49.85	50.15	0.30	NA	0.50	9.50	3312.21	
RW-1	07/29/14	3362.10	61.65	49.87	50.12	0.25	NA	0.50	9.50	3312.19	
RW-1	08/12/14	3362.10	61.65	49.87	50.53	0.66	NA	0.50	9.50	3312.13	
RW-1	08/21/14	3362.10	61.65	49.90	50.17	0.27	NA	NA	NA	3312.16	
RW-1	08/27/14	3362.10	61.65	49.91	50.19	0.28	NA	0.25	4.75	3312.15	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	09/03/14	3362.10	61.65	49.91	50.50	0.59	NA	NA	NA	3312.10	
RW-1	09/09/14	3362.10	61.65	49.91	50.07	0.16	NA	0.25	9.75	3312.17	
RW-1	09/17/14	3362.10	61.65	49.93	50.27	0.34	NA	0.25	9.75	3312.12	
RW-1	09/29/14	3362.10	61.65	49.97	50.28	0.31	NA	NA	NA	3312.08	
RW-1	10/15/14	3362.10	61.65	49.90	50.73	0.83	NA	NA	NA	3312.08	
RW-1	10/29/14	3362.10	61.65	49.92	50.44	0.52	NA	1.00	19.00	3312.10	
RW-1	11/04/14	3362.10	61.65	49.88	50.41	0.53	NA	NA	NA	3312.14	
RW-1	11/12/14	3362.10	61.65	49.99	50.44	0.45	NA	0.50	9.50	3312.04	
RW-1	11/18/14	3362.10	61.65	49.91	50.60	0.69	NA	1.00	19.00	3312.09	
RW-1	11/25/14	3362.10	61.65	49.82	50.27	0.45	NA	1.00	9.00	3312.21	
RW-1	12/17/14	3362.10	61.65	49.70	50.52	0.82	NA	1.00	9.00	3312.28	
RW-1	12/22/14	3362.10	61.65	49.73	50.87	1.14	NA	1.00	9.00	3312.20	
RW-1	12/29/14	3362.10	61.65	49.75	50.90	1.15	NA	1.00	14.00	3312.18	
RW-1	01/08/15	3362.10	61.65	49.80	50.65	0.85	NA	1.00	9.00	3312.17	
RW-1	01/14/15	3362.10	61.65	49.82	50.78	0.96	NA	1.00	9.00	3312.14	
RW-1	01/21/15	3362.10	61.65	49.92	50.20	0.28	NA	0.50	9.50	3312.14	
RW-1	01/28/15	3362.10	61.65	49.88	50.35	0.47	NA	NA	NA	3312.15	
RW-1	02/06/15	3362.10	61.65	49.94	50.23	0.29	NA	1.00	9.00	3312.12	
RW-1	02/10/15	3362.10	61.65	49.96	50.06	0.10	NA	NA	NA	3312.13	
RW-1	02/17/15	3362.10	61.65	49.93	50.23	0.30	NA	NA	NA	3312.13	
RW-1	02/25/15	3362.10	60.80	49.86	50.33	0.47	NA	0.50	9.50	3312.17	
RW-1	03/05/15	3362.10	60.80	49.98	50.65	0.67	NA	1.00	9.00	3312.02	
RW-1	03/11/15	3362.10	60.80	49.97	50.20	0.23	NA	0.50	9.50	3312.10	
RW-1	03/23/15	3362.10	60.80	49.92	50.27	0.35	NA	0.50	9.50	3312.13	
RW-1	03/31/15	3362.10	60.80	49.90	50.45	0.55	NA	0.50	9.50	3312.12	
RW-1	04/07/15	3362.10	60.80	49.95	50.18	0.23	NA	NA	NA	3312.12	
RW-1	04/15/15	3362.10	60.80	49.91	50.14	0.23	NA	0.50	9.50	3312.16	
RW-1	04/21/15	3362.10	60.80	49.93	50.13	0.20	NA	0.50	9.50	3312.14	
RW-1	04/29/15	3362.10	60.80	49.97	50.18	0.21	NA	0.50	9.50	3312.10	
RW-1	05/06/15	3362.10	60.80	49.92	50.10	0.18	NA	NA	NA	3312.15	
RW-1	05/27/15	3362.10	60.80	49.95	50.52	0.57	NA	0.50	9.50	3312.06	
RW-1	06/04/15	3362.10	60.80	49.94	50.19	0.25	NA	0.50	9.50	3312.12	
RW-1	06/09/15	3362.10	60.80	49.95	50.30	0.35	NA	0.50	9.50	3312.10	
RW-1	06/16/15	3362.10	60.80	50.00	50.21	0.21	NA	NA	NA	3312.07	Sampled
RW-1	07/01/15	3362.10	60.80	49.95	50.35	0.40	NA	0.50	9.50	3312.09	
RW-1	07/08/15	3362.10	60.80	49.95	50.60	0.65	NA	0.50	9.50	3312.05	
RW-1	07/14/15	3362.10	60.80	49.95	50.50	0.55	NA	0.50	9.50	3312.07	
RW-1	07/21/15	3362.10	60.80	49.95	50.50	0.55	NA	0.50	9.50	3312.07	
RW-1	07/28/15	3362.10	60.80	50.01	50.24	0.23	NA	0.25	9.75	3312.06	
RW-1	08/05/15	3362.10	60.80	50.03	50.76	0.73	NA	0.25	9.75	3311.96	
RW-1	08/12/15	3362.10	60.80	50.08	50.29	0.21	NA	0.25	9.75	3311.99	
RW-1	08/20/15	3362.10	60.80	50.04	50.29	0.25	NA	0.25	9.75	3312.02	
RW-1	08/26/15	3362.10	60.80	50.06	50.35	0.29	NA	NA	NA	3312.00	
RW-1	09/01/15	3362.10	60.80	50.05	50.46	0.41	NA	0.50	9.50	3311.99	
RW-1	09/10/15	3362.10	60.80	50.06	50.35	0.29	NA	0.25	9.75	3312.00	
RW-1	09/16/15	3362.10	60.80	50.05	50.47	0.42	NA	1.00	9.00	3311.99	
RW-1	09/28/15	3362.10	60.80	50.00	50.53	0.53	NA	0.50	9.50	3312.02	
RW-1	10/06/15	3362.10	60.80	50.10	50.14	0.04	NA	0.50	9.50	3311.99	
RW-1	10/13/15	3362.10	60.80	50.12	50.35	0.23	NA	0.25	9.75	3311.95	
RW-1	10/20/15	3362.10	60.80	50.07	50.34	0.27	NA	0.50	9.50	3311.99	
RW-1	10/28/15	3362.10	60.80	50.11	50.59	0.48	NA	0.50	9.50	3311.92	
RW-1	11/03/15	3362.10	60.80	50.10	50.37	0.27	NA	0.25	9.75	3311.96	
RW-1	11/12/15	3362.10	60.80	50.14	50.42	0.28	NA	0.50	9.50	3311.92	
RW-1	11/17/15	3362.10	60.80	50.03	50.43	0.40	NA	NA	NA	3312.01	
RW-1	11/24/15	3362.10	60.80	50.07	50.36	0.29	NA	0.25	9.75	3311.99	
RW-1	12/09/15	3362.10	60.80	50.03	50.48	0.45	NA	0.50	9.50	3312.00	
RW-1	12/15/15	3362.10	60.80	50.05	50.27	0.22	NA	NA	NA	3312.02	
RW-1	12/31/15	3362.10	60.80	50.62	50.63	0.01	NA	0.50	9.50	3311.48	
RW-1	01/05/16	3362.10	60.80	50.03	50.20	0.17	NA	0.25	9.75	3312.04	
RW-1	01/19/16	3362.10	60.80	50.02	50.24	0.22	NA	0.50	9.50	3312.05	
RW-1	01/26/16	3362.10	60.80	50.07	50.29	0.22	NA	0.25	9.75	3312.00	
RW-1	02/02/16	3362.10	60.80	49.97	50.19	0.22	NA	0.50	9.50	3312.10	
RW-1	02/09/16	3362.10	60.80	50.00	50.19	0.19	NA	0.25	9.75	3312.07	
RW-1	02/17/16	3362.10	60.80	49.96	50.18	0.22	NA	0.25	9.75	3312.11	
RW-1	02/24/16	3362.10	60.80	50.02	50.23	0.21	NA	0.25	9.75	3312.05	
RW-1	03/01/16	3362.10	60.80	50.03	50.18	0.15	NA	0.25	9.75	3312.05	
RW-1	03/08/16	3362.10	60.80	49.90	50.13	0.23	NA	NA	NA	3312.17	
RW-1	03/15/16	3362.10	60.80	49.96	50.15	0.19	NA	0.25	9.75	3312.11	
RW-1	03/22/16	3362.10	60.80	49.90	50.08	0.18	NA	0.50	9.50	3312.17	
RW-1	03/29/16	3362.10	60.80	49.88	50.29	0.41	NA	0.50	9.50	3312.16	
RW-1	04/05/16	3362.10	60.80	49.90	50.11	0.21	NA	0.50	9.50	3312.17	
RW-1	04/12/16	3362.10	60.80	49.93	50.12	0.19	NA	0.25	9.75	3312.14	
RW-1	04/19/16	3362.10	60.80	49.88	50.23	0.35	NA	0.50	9.50	3312.17	
RW-1	04/27/16	3362.10	60.80	49.86	50.12	0.26	NA	0.50	9.50	3312.20	
RW-1	05/05/16	3362.10	60.80	49.85	50.05	0.20	NA	0.25	9.75	3312.22	
RW-1	05/12/16	3362.10	60.80	49.87	50.16	0.29	NA	0.25	9.75	3312.19	
RW-1	05/17/16	3362.10	60.80	49.87	50.20	0.33	NA	0.25	9.75	3312.18	Sampled
RW-1	05/26/16	3362.10	60.80	49.78	49.97	0.19	NA	0.50	9.50	3312.29	
RW-1	06/02/16	3362.10	60.80	49.82	50.10	0.28	NA	0.25	9.75	3312.24	
RW-1	06/10/16	3362.10	60.80	49.77	50.22	0.45	NA	0.50	9.50	3312.26	
RW-1	06/23/16	3362.10	60.80	49.79	50.13	0.34	NA	0.50	9.50	3312.26	
RW-1	06/27/16	3362.10	60.80	49.82	50.15	0.33	NA	1.00	9.00	3312.23	
RW-1	07/06/16	3362.10	60.80	49.79	50.07	0.28	NA	0.50	9.50	3312.27	
RW-1	07/15/16	3362.10	60.80	49.84	50.05	0.21	NA	0.25	9.75	3312.23	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	07/21/16	3362.10	60.80	49.81	50.12	0.31	NA	0.25	9.75	3312.24	
RW-1	07/26/16	3362.10	60.80	49.80	50.21	0.41	NA	1.00	9.00	3312.24	
RW-1	08/02/16	3362.10	60.80	49.86	50.06	0.20	NA	0.50	9.50	3312.21	
RW-1	08/08/16	3362.10	60.80	49.81	49.95	0.14	NA	sheen	10.00	3312.27	
RW-1	08/16/16	3362.10	60.80	49.84	50.01	0.17	NA	0.25	14.75	3312.23	
RW-1	08/23/16	3362.10	60.80	49.85	49.97	0.12	NA	0.25	9.75	3312.23	
RW-1	08/31/16	3362.10	60.80	49.89	49.99	0.10	NA	NA	NA	3312.20	
RW-1	09/07/16	3362.10	60.80	49.87	50.00	0.13	NA	0.25	9.75	3312.21	
RW-1	09/19/16	3362.10	60.80	49.86	49.93	0.07	NA	NA	NA	3312.23	
RW-1	09/27/16	3362.10	60.80	49.83	49.99	0.16	NA	0.25	9.75	3312.25	
RW-1	10/04/16	3362.10	60.80	49.76	49.88	0.12	NA	0.25	9.75	3312.32	
RW-1	10/11/16	3362.10	60.80	49.80	49.92	0.12	NA	0.25	9.75	3312.28	
RW-1	10/18/16	3362.10	60.80	49.81	49.90	0.09	NA	0.25	9.75	3312.28	
RW-1	11/02/16	3362.10	60.80	49.77	49.97	0.20	NA	0.25	9.75	3312.30	
RW-1	11/08/16	3362.10	60.80	49.76	50.01	0.25	NA	0.50	9.50	3312.30	
RW-1	11/15/16	3362.10	60.80	49.72	49.81	0.09	NA	0.50	9.50	3312.37	
RW-1	11/22/16	3362.10	60.80	49.74	49.89	0.15	NA	0.50	9.50	3312.34	
RW-1	11/30/16	3362.10	60.80	49.79	50.09	0.30	NA	0.25	9.75	3312.27	
RW-1	12/07/16	3362.10	60.80	49.76	49.86	0.10	NA	sheen	10.00	3312.33	
RW-1	12/14/16	3362.10	60.80	49.73	49.81	0.08	NA	NA	NA	3312.36	
RW-1	12/22/16	3362.10	60.80	49.72	49.87	0.15	NA	0.25	9.75	3312.36	
RW-1	12/28/16	3362.10	60.80	48.81	49.73	0.92	NA	0.25	9.75	3313.15	
RW-1	01/04/17	3362.10	60.80	49.72	49.86	0.14	NA	0.25	9.75	3312.36	
RW-1	01/10/17	3362.10	60.80	49.70	49.80	0.10	NA	sheen	10.00	3312.39	
RW-1	01/17/17	3362.10	60.80	49.73	49.81	0.08	NA	sheen	10.00	3312.36	
RW-1	01/24/17	3362.10	60.80	49.68	49.83	0.15	NA	0.25	9.75	3312.40	
RW-1	01/31/17	3362.10	60.80	49.68	49.78	0.10	NA	sheen	10.00	3312.41	
RW-1	02/07/17	3362.10	60.80	49.67	49.76	0.09	NA	sheen	10.00	3312.42	
RW-1	02/14/17	3362.10	60.80	49.68	49.78	0.10	NA	sheen	10.00	3312.41	
RW-1	02/22/17	3362.10	60.80	49.60	49.75	0.15	NA	sheen	10.00	3312.48	
RW-1	03/07/17	3362.10	60.80	49.72	49.81	0.09	NA	sheen	10.00	3312.37	
RW-1	03/14/17	3362.10	60.80	49.65	49.80	0.15	NA	sheen	10.00	3312.43	
RW-1	03/21/17	3362.10	60.80	49.62	49.70	0.08	NA	sheen	10.00	3312.47	
RW-1	03/28/17	3362.10	60.80	49.60	49.68	0.08	NA	sheen	10.00	3312.49	
RW-1	04/04/17	3362.10	60.80	49.63	49.70	0.07	NA	sheen	10.00	3312.46	
RW-1	04/11/17	3362.10	60.80	49.69	49.80	0.11	NA	sheen	10.00	3312.39	
RW-1	04/18/17	3362.10	60.80	49.63	49.75	0.12	NA	sheen	10.00	3312.45	
RW-1	04/25/17	3362.10	60.80	49.64	49.76	0.12	NA	sheen	10.00	3312.44	
RW-1	05/02/17	3362.10	60.80	49.65	49.77	0.12	NA	sheen	10.00	3312.43	
RW-1	05/08/17	3362.10	60.80	49.60	49.70	0.10	NA	NA	NA	3312.49	
RW-1	05/25/17	3362.10	60.80	49.68	49.79	0.11	NA	sheen	10.00	3312.40	
RW-1	06/01/17	3362.10	60.80	49.62	49.76	0.14	NA	sheen	10.00	3312.46	
RW-1	06/05/17	3362.10	60.80	49.61	49.70	0.09	NA	sheen	10.00	3312.48	
RW-1	06/13/17	3362.10	60.80	49.61	49.75	0.14	NA	sheen	10.00	3312.47	
RW-1	06/20/17	3362.10	60.80	49.63	49.75	0.12	NA	sheen	10.00	3312.45	
RW-1	06/27/17	3362.10	60.80	49.63	49.80	0.17	NA	sheen	10.00	3312.44	
RW-1	07/06/17	3362.10	60.80	49.68	49.85	0.17	NA	sheen	10.00	3312.39	
RW-1	07/11/17	3362.10	60.80	49.64	49.88	0.24	NA	sheen	10.00	3312.42	
RW-1	07/18/17	3362.10	60.80	49.68	49.89	0.21	NA	sheen	10.00	3312.39	
RW-1	07/25/17	3362.10	60.80	49.66	49.90	0.24	NA	sheen	10.00	3312.40	
RW-1	08/01/17	3362.10	60.80	49.70	49.88	0.18	NA	sheen	10.00	3312.37	
RW-1	08/08/17	3362.10	60.80	49.68	49.85	0.17	NA	sheen	10.00	3312.39	
RW-1	08/15/17	3362.10	60.80	49.65	49.78	0.13	NA	sheen	10.00	3312.43	
RW-1	08/22/17	3362.10	60.80	49.70	49.85	0.15	NA	sheen	10.00	3312.38	
RW-1	08/30/17	3362.10	60.80	49.71	49.85	0.14	NA	sheen	10.00	3312.37	
RW-1	09/07/17	3362.10	60.80	49.74	49.86	0.12	NA	sheen	10.00	3312.34	
RW-1	09/14/17	3362.10	60.80	49.70	49.80	0.10	NA	NA	NA	3312.39	
RW-1	09/27/17	3362.10	60.80	49.70	49.84	0.14	NA	sheen	10.00	3312.38	
RW-1	10/04/17	3362.10	60.80	49.76	49.90	0.14	NA	sheen	10.00	3312.32	
RW-1	10/12/17	3362.10	60.80	49.78	49.92	0.14	NA	sheen	10.00	3312.30	
RW-1	10/18/17	3362.10	60.80	49.72	49.95	0.23	NA	sheen	10.00	3312.35	
RW-1	10/26/17	3362.10	60.80	49.70	49.96	0.26	NA	0.25	9.75	3312.36	
RW-1	11/01/17	3362.10	60.80	49.60	49.62	0.02	NA	sheen	10.00	3312.50	
RW-1	11/09/17	3362.10	60.80	49.58	49.63	0.05	NA	sheen	10.00	3312.51	
RW-1	11/16/17	3362.10	60.80	49.57	49.60	0.03	NA	sheen	10.00	3312.53	
RW-1	11/28/17	3362.10	60.80	49.62	49.67	0.05	NA	NA	NA	3312.47	
RW-1	12/06/17	3362.10	60.80	49.58	49.71	0.13	NA	sheen	10.00	3312.50	
RW-1	12/13/17	3362.10	60.80	49.47	49.55	0.08	NA	sheen	10.00	3312.62	
RW-1	01/03/18	3362.10	60.80	49.50	49.58	0.08	NA	sheen	10.00	3312.59	
RW-1	01/10/18	3362.10	60.80	49.45	49.50	0.05	NA	sheen	10.00	3312.64	
RW-1	01/17/18	3362.10	60.80	49.51	49.54	0.03	NA	sheen	10.00	3312.59	
RW-1	01/25/18	3362.10	60.80	49.39	49.46	0.07	NA	sheen	10.00	3312.70	
RW-1	02/01/18	3362.10	60.80	50.50	50.60	0.10	NA	sheen	10.00	3311.59	
RW-1	02/14/18	3362.10	60.80	49.33	49.37	0.04	NA	sheen	10.00	3312.76	
RW-1	02/21/18	3362.10	60.80	49.38	49.41	0.03	NA	sheen	10.00	3312.72	
RW-1	02/28/18	3362.10	60.80	49.22	49.36	0.14	NA	sheen	10.00	3312.86	
RW-1	03/06/18	3362.10	60.80	49.31	49.34	0.03	NA	NA	NA	3312.79	
RW-1	03/15/18	3362.10	60.80	49.31	49.44	0.13	NA	sheen	10.00	3312.77	
RW-1	03/22/18	3362.10	60.80	49.36	49.44	0.08	NA	sheen	10.00	3312.73	
RW-1	03/28/18	3362.10	60.80	49.35	49.56	0.21	NA	0.25	9.75	3312.72	
RW-1	04/04/18	3362.10	60.80	49.37	49.56	0.19	NA	sheen	10.00	3312.70	
RW-1	04/11/18	3362.10	60.80	49.38	49.45	0.07	NA	sheen	10.00	3312.71	
RW-1	04/19/18	3362.10	60.80	49.41	49.47	0.06	NA	sheen	10.00	3312.68	
RW-1	04/24/18	3362.10	60.80	49.45	49.52	0.07	NA	sheen	10.00	3312.64	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	05/02/19	3362.10	60.80	49.27	49.30	0.03	NA	sheen	10.00	3312.83	
RW-1	05/09/18	3362.10	60.80	49.28	49.30	0.02	NA	sheen	10.00	3312.82	
RW-1	05/15/18	3362.10	60.80	49.26	49.29	0.03	NA	sheen	10.00	3312.84	
RW-1	05/22/18	3362.10	60.80	sheen	49.24	sheen	NA	NA	10.00	3312.86	
RW-1	05/30/18	3362.10	60.80	sheen	49.30	sheen	NA	NA	10.00	3312.80	
RW-1	06/12/18	3362.10	60.80	49.24	49.28	0.04	NA	sheen	10.00	3312.85	Sampled
RW-1	06/19/18	3362.10	60.80	49.25	49.28	0.03	NA	sheen	10.00	3312.85	
RW-1	06/29/18	3362.10	60.80	49.28	49.34	0.06	NA	sheen	10.00	3312.81	
RW-1	07/05/18	3362.10	60.80	49.25	49.28	0.03	NA	0.25	9.75	3312.85	
RW-1	07/11/18	3362.10	60.80	49.27	49.30	0.03	NA	0.25	9.75	3312.83	
RW-1	07/18/18	3362.10	60.80	49.18	49.25	0.07	NA	sheen	10.00	3312.91	
RW-1	07/26/18	3362.10	60.80	49.23	49.36	0.13	NA	sheen	10.00	3312.85	
RW-1	07/31/18	3362.10	60.80	49.20	49.30	0.10	NA	sheen	10.00	3312.89	
RW-1	08/07/18	3362.10	60.80	49.16	49.26	0.10	NA	sheen	10.00	3312.93	
RW-1	08/14/18	3362.10	60.80	49.20	49.26	0.06	NA	sheen	10.00	3312.89	
RW-1	08/21/18	3362.10	60.80	49.18	49.25	0.07	NA	sheen	10.00	3312.91	
RW-1	08/30/18	3362.10	60.80	49.24	49.29	0.05	NA	sheen	10.00	3312.85	
RW-1	09/05/18	3362.10	60.80	49.22	49.26	0.04	NA	Sheen	10.00	3312.87	
RW-1	09/18/18	3362.10	60.80	49.16	49.22	0.06	NA	Sheen	10.00	3312.93	
RW-1	09/26/18	3362.10	60.80	49.20	49.25	0.05	NA	Sheen	10.00	3312.89	
RW-1	10/03/18	3362.10	60.80	49.24	49.27	0.03	NA	Sheen	10.00	3312.86	
RW-1	10/11/18	3362.10	60.80	49.21	49.27	0.06	NA	Sheen	10.00	3312.88	
RW-1	10/17/18	3362.10	60.80	49.02	49.09	0.07	NA	Sheen	10.00	3313.07	
RW-1	10/24/18	3362.10	60.80	49.11	49.20	0.09	NA	Sheen	10.00	3312.98	
RW-1	10/31/18	3362.10	60.80	49.13	49.17	0.04	NA	Sheen	10.00	3312.96	
RW-1	11/06/18	3362.10	60.80	49.11	49.13	0.02	NA	Sheen	10.00	3312.99	
RW-1	11/13/18	3362.10	60.80	49.16	49.26	0.10	NA	Sheen	10.00	3312.93	
RW-1	11/21/19	3362.10	60.80	49.19	49.20	0.01	NA	Sheen	10.00	3312.91	
RW-1	11/27/18	3362.10	61.65	49.18	49.20	0.02	NA	Sheen	10.00	3312.92	
RW-1	12/07/18	3362.10	60.80	49.20	49.25	0.05	NA	Sheen	10.00	3312.89	
RW-1	12/12/18	3362.10	60.80	49.22	49.28	0.06	NA	Sheen	10.00	3312.87	
RW-1	12/18/18	3362.10	60.80	49.18	49.25	0.07	NA	Sheen	10.00	3312.91	
RW-1	01/03/19	3362.10	60.80	49.26	49.30	0.04	NA	sheen	10.00	3312.83	
RW-1	01/08/19	3362.10	60.80	49.31	49.36	0.05	NA	sheen	10.00	3312.78	
RW-1	01/29/19	3362.10	60.80	sheen	49.00	sheen	NA	sheen	10.00	3313.10	
RW-1	02/05/19	3362.10	60.80	sheen	49.10	sheen	NA	sheen	10.00	3313.00	
RW-1	02/12/19	3362.10	60.80	49.05	49.08	0.03	NA	sheen	10.00	3313.05	Sampled
RW-1	02/27/19	3362.10	60.80	49.11	49.14	0.03	NA	sheen	10.00	3312.99	
RW-1	03/06/19	3362.10	60.80	49.14	49.18	0.04	NA	sheen	10.00	3312.95	
RW-1	03/12/19	3362.10	60.80	49.16	49.21	0.05	NA	sheen	10.00	3312.93	
RW-1	03/21/19	3362.10	60.80	49.17	49.24	0.07	NA	sheen	10.00	3312.92	
RW-1	03/28/19	3362.10	60.80	49.21	49.25	0.04	NA	sheen	10.00	3312.88	
RW-1	04/02/19	3362.10	60.80	49.18	49.26	0.08	NA	sheen	10.00	3312.91	
RW-1	04/10/19	3362.10	60.80	49.14	49.20	0.06	NA	sheen	10.00	3312.95	
RW-1	04/16/19	3362.10	60.80	49.20	49.24	0.04	NA	sheen	10.00	3312.89	
RW-1	04/24/19	3362.10	60.80	49.24	49.29	0.05	NA	sheen	10.00	3312.85	
RW-1	05/01/19	3362.10	60.80	49.76	49.78	0.02	NA	sheen	10.00	3312.34	
RW-1	05/08/19	3362.10	60.80	sheen	48.81	sheen	NA	sheen	10.00	3313.29	
RW-1	05/17/19	3362.10	60.80	48.84	48.85	0.01	NA	Sheen	10.00	3313.26	
RW-1	05/24/19	3362.10	60.80	48.87	48.89	0.02	NA	Sheen	10.00	3313.23	
RW-1	06/05/19	3362.10	60.80	48.89	48.94	0.05	NA	Sheen	10.00	3313.20	
RW-1	06/14/19	3362.10	60.80	sheen	48.78	sheen	NA	NA	NA	3313.32	
RW-1	06/20/19	3362.10	60.80	48.91	48.97	0.06	NA	Sheen	10.00	3313.18	
RW-1	06/25/19	3362.10	60.80	sheen	48.79	sheen	NA	Sheen	10.00	3313.31	
RW-1	07/02/19	3362.10	60.80	48.80	48.81	0.01	NA	Sheen	10.00	3313.30	
RW-1	07/10/19	3362.10	60.80	sheen	48.82	sheen	NA	Sheen	10.00	3313.28	
RW-1	07/26/19	3362.10	60.80	48.86	48.88	0.02	NA	Sheen	10.00	3313.24	
RW-1	08/11/19	3362.10	60.80	48.83	48.91	0.08	NA	Sheen	10.00	3313.26	
RW-1	08/14/19	3362.10	60.80	sheen	48.81	sheen	NA	Sheen	10.00	3313.29	
RW-1	08/21/19	3362.10	61.65	sheen	48.81	sheen	NA	Sheen	10.00	3313.29	
RW-1	09/06/19	3362.10	60.80	sheen	48.82	sheen	NA	NA	NA	3313.28	
RW-1	09/12/19	3362.10	60.80	sheen	48.82	sheen	NA	NA	NA	3313.28	
RW-1	09/19/19	3362.10	60.80	sheen	48.76	sheen	NA	NA	NA	3313.34	
RW-1	09/26/19	3362.10	60.80	49.20	49.25	0.05	NA	sheen	10.00	3312.89	
RW-1	10/16/19	3362.10	60.80	sheen	48.82	sheen	NA	Sheen	10.00	3313.28	
RW-1	10/23/19	3362.10	60.80	sheen	48.78	sheen	NA	NA	NA	3313.32	
RW-1	10/31/19	3362.10	60.80	ND	48.82	ND	NA	NA	NA	3313.28	
RW-1	11/05/19	3362.10	60.80	ND	48.78	ND	NA	NA	NA	3313.32	
RW-1	11/14/19	3362.10	60.80	ND	48.81	ND	NA	NA	NA	3313.29	
RW-1	11/26/19	3362.10	60.80	ND	48.71	ND	NA	NA	NA	3313.39	
RW-1	12/03/19	3362.10	60.80	ND	48.74	ND	NA	NA	NA	3313.36	
RW-1	12/13/19	3362.10	60.80	ND	48.75	ND	NA	NA	NA	3313.35	
RW-1	12/20/19	3362.10	60.80	ND	48.74	ND	NA	Sheen	10.00	3313.36	
RW-1	12/26/19	3362.10	60.80	ND	48.72	ND	NA	Sheen	10.00	3313.38	
RW-1	01/02/20	3362.10	60.80	ND	48.76	ND	NA	sheen	10.00	3313.34	
RW-1	01/09/20	3362.10	60.80	ND	48.69	ND	NA	sheen	10.00	3313.41	
RW-1	01/14/20	3362.10	60.80	ND	48.70	ND	NA	sheen	10.00	3313.40	
RW-1	01/31/20	3362.10	60.80	sheen	48.68	sheen	NA	sheen	10.00	3313.42	
RW-1	02/07/20	3362.10	60.80	48.65	48.68	0.03	NA	Sheen	10.00	3313.45	
RW-1	02/12/20	3362.10	60.80	sheen	48.63	sheen	NA	sheen	10.00	3313.47	
RW-1	02/19/20	3362.10	60.80	sheen	48.66	sheen	NA	sheen	10.00	3313.44	
RW-1	02/26/20	3362.10	60.80	sheen	48.71	sheen	NA	sheen	10.00	3313.39	
RW-1	03/05/20	3362.10	60.80	sheen	48.68	sheen	NA	sheen	10.00	3313.42	
RW-1	03/11/20	3362.10	60.80	sheen	48.63	sheen	NA	sheen	10.00	3313.47	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-1	03/17/20	3362.10	60.80	sheen	48.85	sheen	NA	sheen	10.00	3313.25	
RW-1	03/23/20	3362.10	60.80	sheen	48.60	sheen	NA	sheen	10.00	3313.50	
RW-1	05/07/20	3362.10	60.80	48.52	48.56	0.04	NA	NA	NA	3313.57	gauge only
RW-1	05/20/20	3362.10	60.80	48.47	48.51	0.04	NA	0.25	9.75	3313.62	
RW-1	06/03/20	3362.10	60.80	ND	48.47	ND	NA	NA	NA	3313.63	
RW-1	06/16/20	3362.10	60.80	sheen	49.21	sheen	NA	0.25	9.75	3312.89	
RW-1	07/14/20	3362.10	60.80	sheen	48.46	sheen	NA	Sheen	10.00	3313.64	
RW-1	08/18/20	3362.10	60.80	ND	48.49	ND	NA	Sheen	10.00	3313.61	
RW-1	09/16/20	3362.10	60.80	48.47	48.51	0.04	NA	0.25	9.75	3313.62	
RW-1	10/08/20	3362.10	60.80	sheen	48.56	sheen	NA	0.25	9.75	3313.54	
RW-1	11/20/20	3362.10	60.80	ND	48.49	ND	NA	sheen	10.00	3313.61	
RW-1	12/04/20	3362.10	60.80	sheen	48.39	sheen	NA	Sheen	10.00	3313.71	
RW-1	12/22/20	3362.10	61.65	ND	48.54	ND	NA	Sheen	10.00	3313.56	
RW-2	03/28/06	3362.00	NG	49.67	49.68	0.01	NA	NA	NA	3312.33	
RW-2	03/29/06	3362.00	NG	ND	49.65	ND	NA	NA	NA	3312.35	
RW-2	04/13/06	3362.00	NG	49.58	50.08	0.50	Hand Bailed	0.50	0.00	3312.35	
RW-2	04/13/06	3362.00	NG	49.58	50.08	0.50	NA	NA	NA	3312.35	
RW-2	04/25/06	3362.00	NG	49.65	49.99	0.34	Hand Bailed	0.60	0.00	3312.30	
RW-2	04/25/06	3362.00	NG	50.00	50.01	0.01	NA	NA	NA	3312.00	
RW-2	05/03/06	3362.00	NG	49.55	49.91	0.36	Hand Bailed	0.50	0.00	3312.40	
RW-2	05/03/06	3362.00	NG	49.56	49.68	0.12	NA	NA	NA	3312.42	
RW-2	05/11/06	3362.00	NG	49.65	49.81	0.16	Hand Bailed	0.25	0.00	3312.33	
RW-2	05/11/06	3362.00	NG	ND	50.32	ND	NA	NA	NA	3311.68	
RW-2	05/24/06	3362.00	NG	49.62	50.08	0.46	Hand Bailed	0.50	0.00	3312.31	
RW-2	05/24/06	3362.00	NG	51.22	51.23	0.01	NA	NA	NA	3310.78	
RW-2	06/07/06	3362.00	NG	49.68	49.95	0.27	Hand Bailed	0.30	0.00	3312.28	
RW-2	06/07/06	3362.00	NG	49.75	49.77	0.02	NA	NA	NA	3312.25	
RW-2	06/15/06	3362.00	NG	49.58	49.80	0.22	NA	NA	NA	3312.39	
RW-2	06/29/06	3362.00	NG	49.51	50.30	0.79	Hand Bailed	0.85	0.00	3312.37	
RW-2	06/29/06	3362.00	NG	ND	49.73	ND	NA	NA	NA	3312.27	
RW-2	07/11/06	3362.00	NG	49.58	49.80	0.22	NA	NA	NA	3312.39	
RW-2	07/25/06	3362.00	NG	49.88	49.97	0.09	NA	NA	NA	3312.11	
RW-2	08/09/06	3362.00	63.95	49.65	50.10	0.45	Hand Bailed	0.00	10.00	3312.28	
RW-2	08/22/06	3362.00	NG	49.57	50.34	0.77	Hand Bailed	0.75	9.25	3312.31	
RW-2	08/22/06	3362.00	NG	49.93	49.97	0.04	NA	NA	NA	3312.06	
RW-2	09/12/06	3362.00	63.86	50.30	50.70	0.40	NA	NA	NA	3311.64	
RW-2	09/19/06	3362.00	NG	49.54	50.01	0.47	Hand Bailed	0.50	9.50	3312.39	
RW-2	09/19/06	3362.00	NG	49.93	50.00	0.07	NA	NA	NA	3312.06	
RW-2	10/03/06	3362.00	NG	49.50	49.99	0.49	Hand Bailed	0.50	9.50	3312.43	
RW-2	10/03/06	3362.00	NG	50.02	50.03	0.01	NA	NA	NA	3311.98	Installed Sock
RW-2	10/17/06	3362.00	NG	49.50	50.10	0.60	Hand Bailed	0.75	4.25	3312.41	
RW-2	10/17/06	3362.00	NG	50.18	50.19	0.01	NA	NA	NA	3311.82	Removed sock
RW-2	10/31/06	3362.00	NG	49.50	50.75	1.25	Hand Bailed	1.50	3.50	3312.31	
RW-2	10/31/06	3362.00	NG	50.78	50.84	0.06	NA	NA	NA	3311.21	Installed Sock
RW-2	11/15/06	3362.00	NG	49.44	50.30	0.86	Hand Bailed	0.50	9.50	3312.43	
RW-2	11/15/06	3362.00	NG	49.80	49.90	0.10	NA	NA	NA	3312.19	
RW-2	12/06/06	3362.00	49.39	50.23	51.10	0.87	NA	NA	NA	3311.64	Removed sock
RW-2	12/13/06	3362.00	NG	49.28	50.27	0.99	Hand Bailed	1.25	3.75	3312.57	
RW-2	12/13/06	3362.00	NG	51.10	51.13	0.03	NA	NA	NA	3310.90	No Sock
RW-2	12/20/06	3362.00	NG	49.21	50.76	1.55	Hand Bailed	0.75	9.25	3312.56	
RW-2	12/27/06	3362.00	NG	49.27	50.20	0.93	Hand Bailed	1.00	4.00	3312.59	
RW-2	12/27/06	3362.00	NG	ND	50.18	ND	NA	NA	NA	3311.82	No Sock
RW-2	01/03/07	3362.00	NG	49.29	50.29	1.00	Hand Bailed	0.75	9.25	3312.56	
RW-2	01/03/07	3362.00	NG	ND	50.21	ND	NA	NA	NA	3311.79	No Sock
RW-2	01/09/07	3362.00	NG	49.45	50.23	0.78	Hand Bailed	0.75	4.00	3312.43	
RW-2	01/09/07	3362.00	NG	ND	50.24	ND	NA	NA	NA	3311.76	No Sock
RW-2	01/18/07	3362.00	NG	49.36	50.00	0.64	Hand Bailed	1.50	8.50	3312.54	
RW-2	01/18/07	3362.00	NG	49.95	49.97	0.02	NA	NA	NA	3312.05	No Sock
RW-2	01/22/07	3362.00	NG	49.27	50.07	0.80	Hand Bailed	0.25	9.75	3312.61	
RW-2	01/22/07	3362.00	NG	49.60	49.63	0.03	NA	NA	NA	3312.40	No Sock
RW-2	02/01/07	3362.00	NG	49.28	49.86	0.58	Hand Bailed	0.75	9.25	3312.63	
RW-2	02/01/07	3362.00	NG	49.83	49.85	0.02	NA	NA	NA	3312.17	No Sock
RW-2	02/07/07	3362.00	NG	49.22	49.94	0.72	Hand Bailed	0.75	9.00	3312.67	
RW-2	02/07/07	3362.00	NG	49.83	49.85	0.02	NA	NA	NA	3312.17	No Sock
RW-2	02/14/07	3362.00	NG	49.21	49.96	0.75	Hand Bailed	0.50	9.00	3312.68	
RW-2	02/14/07	3362.00	NG	49.92	49.94	0.02	NA	NA	NA	3312.08	No Sock
RW-2	02/21/07	3362.00	NG	49.18	49.93	0.75	Hand Bailed	0.75	9.00	3312.71	
RW-2	02/28/07	3362.00	NG	ND	49.99	ND	NA	NA	NA	3312.01	No Sock
RW-2	03/07/07	3362.00	NG	49.22	50.38	1.16	Hand Bailed	1.50	6.00	3312.61	
RW-2	03/07/07	3362.00	NG	49.55	49.62	0.07	NA	NA	NA	3312.44	No Sock
RW-2	03/14/07	3362.00	NG	49.22	49.81	0.59	Hand Bailed	0.75	9.00	3312.69	
RW-2	03/14/07	3362.00	NG	49.70	49.73	0.03	NA	NA	NA	3312.30	No Sock
RW-2	03/21/07	3362.00	NG	49.26	49.76	0.50	Hand Bailed	0.50	1.00	3312.67	
RW-2	03/21/07	3362.00	NG	49.67	49.69	0.02	NA	NA	NA	3312.33	No Sock
RW-2	03/28/07	3362.00	NG	49.12	49.96	0.84	Hand Bailed	0.75	0.75	3312.75	
RW-2	03/28/07	3362.00	NG	49.60	49.69	0.09	NA	NA	NA	3312.39	No Sock
RW-2	04/03/07	3362.00	NG	49.22	49.80	0.58	Hand Bailed	0.50	0.50	3312.69	
RW-2	04/03/07	3362.00	NG	49.42	49.46	0.04	NA	NA	NA	3312.57	No Sock
RW-2	04/10/07	3362.00	NG	49.20	49.91	0.71	Hand Bailed	0.50	0.50	3312.69	
RW-2	04/10/07	3362.00	NG	49.37	49.40	0.03	NA	NA	NA	3312.63	No Sock
RW-2	04/18/07	3362.00	NG	49.20	50.03	0.83	Hand Bailed	1.50	8.00	3312.68	
RW-2	04/18/07	3362.00	NG	49.37	49.40	0.03	NA	NA	NA	3312.63	No Sock
RW-2	04/24/07	3362.00	NG	49.02	50.20	1.18	Hand Bailed	1.50	8.00	3312.80	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	04/24/07	3362.00	NG	49.42	49.51	0.09	NA	NA	NA	3312.57	No Sock
RW-2	05/03/07	3362.00	NG	49.12	49.88	0.76	Hand Bailed	1.00	9.00	3312.77	
RW-2	05/03/07	3362.00	NG	49.50	49.52	0.02	NA	NA	NA	3312.50	No Sock
RW-2	05/11/07	3362.00	NG	49.21	49.68	0.47	Hand Bailed	0.50	9.00	3312.72	
RW-2	05/11/07	3362.00	NG	48.53	48.58	0.05	NA	NA	NA	3313.46	No Sock
RW-2	05/16/07	3362.00	NG	49.24	49.58	0.34	Hand Bailed	0.25	9.50	3312.71	
RW-2	05/16/07	3362.00	NG	ND	49.65	ND	NA	NA	NA	3312.35	No Sock
RW-2	05/23/07	3362.00	NG	49.14	49.56	0.42	Hand Bailed	1.00	9.00	3312.80	
RW-2	05/23/07	3362.00	NG	49.28	49.31	0.03	NA	NA	NA	3312.72	No Sock
RW-2	05/31/07	3362.00	NG	49.10	49.61	0.51		0.50	2.00	3312.82	No Sock
RW-2	06/06/07	3362.00	63.90	49.13	49.49	0.36	Hand Bailed	0.50	9.00	3312.82	
RW-2	06/06/07	3362.00	63.90	ND	49.34	ND	NA	NA	NA	3312.66	No Sock
RW-2	06/13/07	3362.00	63.90	49.15	49.48	0.33	Hand Bailed	0.50	9.00	3312.80	
RW-2	06/13/07	3362.00	63.90	ND	49.52	ND	NA	NA	NA	3312.48	No Sock
RW-2	06/19/07	3362.00	63.90	49.15	49.66	0.51	Hand Bailed	0.50	9.00	3312.77	
RW-2	06/19/07	3362.00	63.90	49.38	49.39	0.01	NA	NA	NA	3312.62	No Sock
RW-2	06/27/07	3362.00	63.90	49.31	49.63	0.32	Hand Bailed	0.50	9.00	3312.64	
RW-2	06/27/07	3362.00	63.90	ND	49.67	ND	NA	NA	NA	3312.33	No Sock
RW-2	07/05/07	3362.00	62.75	49.05	49.70	0.65	Hand Bailed	0.00	10.00	3312.85	
RW-2	07/05/07	3362.00	62.75	ND	49.47	ND	NA	NA	NA	3312.53	No Sock
RW-2	07/11/07	3362.00	62.75	49.49	49.76	0.27	Hand Bailed	0.50	9.00	3312.47	
RW-2	07/11/07	3362.00	62.75	ND	49.52	ND	NA	NA	NA	3312.48	No Sock
RW-2	07/19/07	3362.00	62.75	49.05	49.64	0.59	Hand Bailed	0.50	9.00	3312.86	
RW-2	07/19/07	3362.00	62.75	49.26	49.30	0.04	NA	NA	NA	3312.73	No Sock
RW-2	07/24/07	3362.00	62.75	49.00	49.70	0.70	Hand Bailed	0.75	9.00	3312.90	
RW-2	07/24/07	3362.00	62.75	49.52	49.58	0.06	NA	NA	NA	3312.47	No Sock
RW-2	07/31/07	3362.00	62.75	49.00	49.70	0.70	Hand Bailed	0.50	9.00	3312.90	
RW-2	07/31/07	3362.00	62.75	49.10	49.14	0.04	NA	NA	NA	3312.89	No Sock
RW-2	08/09/07	3362.00	62.75	49.21	49.86	0.65	Hand Bailed	0.75	9.00	3312.69	
RW-2	08/09/07	3362.00	62.75	ND	49.71	ND	NA	NA	NA	3312.29	No Sock
RW-2	08/15/07	3362.00	62.75	49.21	49.86	0.65	Hand Bailed	0.50	9.00	3312.69	
RW-2	08/15/07	3362.00	62.75	ND	49.73	ND	NA	NA	NA	3312.27	No Sock
RW-2	08/22/07	3362.00	62.75	49.12	49.99	0.87	Hand Bailed	0.75	9.00	3312.75	
RW-2	08/22/07	3362.00	62.75	ND	49.88	ND	NA	NA	NA	3312.12	No Sock
RW-2	08/28/07	3362.00	62.75	49.34	50.13	0.79	Hand Bailed	0.75	9.00	3312.54	
RW-2	08/28/07	3362.00	62.75	50.00	50.02	0.02	NA	NA	NA	3312.00	No Sock
RW-2	09/06/07	3362.00	62.75	49.36	49.88	0.52	Hand Bailed	0.50	9.00	3312.56	
RW-2	09/06/07	3362.00	62.75	ND	49.84	ND	NA	NA	NA	3312.16	No Sock
RW-2	09/13/07	3362.00	62.75	49.32	49.89	0.57	Hand Bailed	0.75	9.00	3312.59	
RW-2	09/13/07	3362.00	62.75	49.90	49.92	0.02	NA	NA	NA	3312.10	No Sock
RW-2	09/18/07	3362.00	62.75	49.24	49.81	0.57	Hand Bailed	0.50	9.00	3312.67	
RW-2	09/18/07	3362.00	62.75	49.86	49.87	0.01	NA	NA	NA	3312.14	No Sock
RW-2	09/26/07	3362.00	62.75	49.29	49.86	0.57	Hand Bailed	0.50	9.00	3312.62	
RW-2	09/26/07	3362.00	62.75	ND	49.94	ND	NA	NA	NA	3312.06	No Sock
RW-2	10/04/07	3362.00	62.75	49.36	49.90	0.54	Hand Bailed	0.50	9.00	3312.56	
RW-2	10/04/07	3362.00	62.75	50.06	50.11	0.05	NA	NA	NA	3311.93	No Sock
RW-2	10/10/07	3362.00	62.75	49.10	49.40	0.30	Hand Bailed	0.50	9.00	3312.86	
RW-2	10/10/07	3362.00	62.75	49.84	49.86	0.02	NA	NA	NA	3312.16	No Sock
RW-2	10/17/07	3362.00	62.75	49.12	49.43	0.31	Hand Bailed	0.50	9.00	3312.83	
RW-2	10/17/07	3362.00	62.75	49.80	49.82	0.02	NA	NA	NA	3312.20	No Sock
RW-2	10/24/07	3362.00	62.75	49.13	49.93	0.80	Hand Bailed	0.50	50.00	3312.75	
RW-2	10/24/07	3362.00	62.75	49.28	49.29	0.01	NA	NA	NA	3312.72	No Sock
RW-2	10/31/07	3362.00	62.75	49.15	49.58	0.43	Hand Bailed	0.50	50.00	3312.79	
RW-2	10/31/07	3362.00	62.75	49.21	49.22	0.01	NA	NA	NA	3312.79	No Sock
RW-2	11/07/07	3362.00	62.75	49.20	49.66	0.46	Hand Bailed	0.50	9.00	3312.73	
RW-2	11/07/07	3362.00	62.75	49.26	49.28	0.02	NA	NA	NA	3312.74	No Sock
RW-2	11/13/07	3362.00	62.75	ND	49.88	ND	NA	NA	NA	3312.12	No Sock
RW-2	11/20/07	3362.00	62.75	49.02	49.91	0.89		1.00	8.00	3312.85	No Sock
RW-2	11/27/07	3362.00	62.75	49.00	49.94	0.94	NA	NA	NA	3312.86	No Sock
RW-2	12/05/07	3362.00	62.75	48.86	49.60	0.74	Hand Bailed	1.00	8.00	3313.03	
RW-2	12/05/07	3362.00	62.75	ND	49.36	ND	NA	NA	NA	3312.64	No Sock
RW-2	12/12/07	3362.00	62.75	48.93	49.58	0.65	Hand Bailed	1.00	8.00	3312.97	
RW-2	12/12/07	3362.00	62.75	ND	49.48	ND	NA	NA	NA	3312.52	No Sock
RW-2	12/18/07	3362.00	62.75	49.15	49.90	0.75	Hand Bailed	1.00	9.00	3312.74	
RW-2	12/18/07	3362.00	62.75	ND	50.23	ND	NA	NA	NA	3311.77	No Sock
RW-2	12/27/07	3362.00	62.75	49.11	49.87	0.76	Hand Bailed	1.00	8.00	3312.78	
RW-2	12/27/07	3362.00	62.75	ND	50.18	ND	NA	NA	NA	3311.82	No Sock
RW-2	01/03/08	3362.00	62.75	49.06	49.92	0.86	Hand Bailed	1.00	4.00	3312.81	
RW-2	01/03/08	3362.00	62.75	50.02	50.08	0.06	NA	NA	NA	3311.97	No Sock
RW-2	01/09/08	3362.00	62.75	49.11	49.91	0.80	Hand Bailed	1.50	8.50	3312.77	
RW-2	01/09/08	3362.00	62.75	49.90	49.93	0.03	NA	NA	NA	3312.10	No Sock
RW-2	01/17/08	3362.00	62.75	48.55	49.75	1.20	Hand Bailed	1.00	9.00	3313.27	
RW-2	01/17/08	3362.00	62.75	ND	50.50	ND	NA	NA	NA	3311.50	No Sock
RW-2	01/23/08	3362.00	62.75	49.12	49.55	0.43	Hand Bailed	1.00	9.00	3312.82	
RW-2	01/30/08	3362.00	62.75	49.02	49.65	0.63	Hand Bailed	1.00	19.00	3312.89	
RW-2	01/30/08	3362.00	62.75	ND	50.60	ND	NA	NA	NA	3311.40	No Sock
RW-2	02/06/08	3362.00	62.75	48.08	48.50	0.42	Hand Bailed	1.00	19.00	3313.86	
RW-2	02/06/08	3362.00	62.75	ND	50.02	ND	NA	NA	NA	3311.98	No Sock
RW-2	02/13/08	3362.00	62.75	ND	49.03	ND	Hand Bailed	1.00	19.00	3312.97	
RW-2	02/13/08	3362.00	62.75	50.00	50.01	0.01	NA	NA	NA	3312.00	No Sock
RW-2	02/18/08	3362.00	62.75	49.11	49.39	0.28	Hand Bailed	1.00	19.00	3312.85	
RW-2	02/18/08	3362.00	62.75	ND	48.95	ND	NA	NA	NA	3313.05	No Sock
RW-2	02/27/08	3362.00	62.75	49.14	49.38	0.24	Hand Bailed	1.00	19.00	3312.82	
RW-2	02/27/08	3362.00	62.75	ND	50.07	ND	NA	NA	NA	3311.93	No Sock

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	03/04/08	3362.00	62.75	49.10	49.38	0.28	Hand Bailed	0.25	20.00	3312.86	
RW-2	03/04/08	3362.00	62.75	ND	50.42	ND	NA	NA	NA	3311.58	No Sock
RW-2	03/12/08	3362.00	62.75	49.05	49.44	0.39	Hand Bailed	1.00	19.00	3312.89	
RW-2	03/12/08	3362.00	62.75	ND	50.30	ND	NA	NA	NA	3311.70	No Sock
RW-2	03/19/08	3362.00	62.75	49.11	49.41	0.30	Hand Bailed	0.50	19.00	3312.85	
RW-2	03/19/08	3362.00	62.75	ND	50.49	ND	NA	NA	NA	3311.51	No Sock
RW-2	03/26/08	3362.00	62.75	49.06	49.66	0.60	Hand Bailed	0.50	19.00	3312.85	
RW-2	03/26/08	3362.00	62.75	ND	50.15	ND	NA	NA	NA	3311.85	No Sock
RW-2	04/02/08	3362.00	62.75	49.08	49.45	0.37	Pumped	0.50	19.00	3312.86	
RW-2	04/02/08	3362.00	62.75	ND	50.08	ND	NA	NA	NA	3311.92	No Sock
RW-2	04/09/08	3362.00	62.75	49.04	49.33	0.29	Pumped	0.50	19.00	3312.92	
RW-2	04/09/08	3362.00	62.75	ND	50.00	ND	NA	NA	NA	3312.00	No Sock
RW-2	04/16/08	3362.00	62.75	49.09	49.39	0.30	Pumped	0.50	19.00	3312.87	
RW-2	04/16/08	3362.00	62.75	ND	50.16	ND	NA	NA	NA	3311.84	No Sock
RW-2	04/24/08	3362.00	62.75	49.06	49.65	0.59	NA	NA	NA	3312.85	No Sock
RW-2	04/30/08	3362.00	62.75	49.01	49.77	0.76	Pumped	0.50	19.00	3312.88	
RW-2	04/30/08	3362.00	62.75	ND	50.00	ND	NA	NA	NA	3312.00	No Sock
RW-2	05/07/08	3362.00	62.75	48.98	49.80	0.82	Pumped	0.50	19.00	3312.90	
RW-2	05/07/08	3362.00	62.75	ND	50.28	ND	NA	NA	NA	3311.72	No Sock
RW-2	05/14/08	3362.00	62.75	48.91	49.85	0.94	Pumped	0.75	19.00	3312.95	
RW-2	05/14/08	3362.00	62.75	ND	50.36	ND	NA	NA	NA	3311.64	No Sock
RW-2	05/22/08	3362.00	62.75	48.98	49.82	0.84	Pumped	0.75	19.00	3312.89	
RW-2	05/22/08	3362.00	62.75	ND	50.43	ND	NA	NA	NA	3311.57	No Sock
RW-2	05/28/08	3362.00	62.75	49.05	49.99	0.94	Pumped	1.00	26.00	3312.81	
RW-2	05/28/08	3362.00	62.75	ND	50.21	ND	NA	NA	NA	3311.79	No Sock
RW-2	06/04/08	3362.00	62.75	49.10	49.86	0.76	Pumped	1.00	19.00	3312.79	
RW-2	06/04/08	3362.00	62.75	ND	50.96	ND	NA	NA	NA	3311.04	No Sock
RW-2	06/11/08	3362.00	62.75	49.09	49.90	0.81	Pumped	1.00	19.00	3312.79	
RW-2	06/11/08	3362.00	62.75	ND	51.21	ND	NA	NA	NA	3310.79	No Sock
RW-2	06/18/08	3362.00	62.75	49.10	50.01	0.91	Pumped	1.00	19.00	3312.76	
RW-2	06/18/08	3362.00	62.75	ND	50.86	ND	NA	NA	NA	3311.14	No Sock
RW-2	06/26/08	3362.00	62.75	49.14	50.08	0.94	Pumped	1.00	19.00	3312.72	
RW-2	06/26/08	3362.00	62.75	ND	59.12	ND	NA	NA	NA	3302.88	No Sock
RW-2	07/02/08	3362.00	62.75	49.20	50.04	0.84	Pumped	1.00	19.00	3312.67	
RW-2	07/02/08	3362.00	62.75	ND	51.20	ND	NA	NA	NA	3310.80	No Sock
RW-2	07/07/08	3362.00	62.75	49.20	50.13	0.93	Pumped	1.00	19.00	3312.66	
RW-2	07/07/08	3362.00	62.75	ND	50.26	ND	NA	NA	NA	3311.74	No Sock
RW-2	07/16/08	3362.00	62.75	49.21	50.18	0.97	Pumped	1.00	19.00	3312.64	
RW-2	07/16/08	3362.00	62.75	ND	50.48	ND	NA	NA	NA	3311.52	No Sock
RW-2	07/22/08	3362.00	62.75	49.26	50.24	0.98	Pumped	1.00	19.00	3312.59	
RW-2	07/22/08	3362.00	62.75	ND	50.56	ND	NA	NA	NA	3311.44	No Sock
RW-2	07/29/08	3362.00	62.75	49.30	50.29	0.99	Pumped	1.00	19.00	3312.55	
RW-2	07/29/08	3362.00	62.75	ND	51.12	ND	NA	NA	NA	3310.88	No Sock
RW-2	08/06/08	3362.00	62.75	49.23	50.25	1.02	Pumped	1.00	19.00	3312.62	
RW-2	08/06/08	3362.00	62.75	ND	50.89	ND	NA	NA	NA	3311.11	No Sock
RW-2	08/13/08	3362.00	62.75	49.28	50.33	1.05	Pumped	1.00	4.00	3312.56	
RW-2	08/13/08	3362.00	62.75	ND	51.06	ND	NA	NA	NA	3310.94	No Sock
RW-2	08/18/08	3362.00	62.75	NG	NG	NG	NA	NA	NA	NG	No Sock
RW-2	08/27/08	3362.00	62.75	49.33	50.39	1.06	NA	NA	NA	3312.51	No Sock
RW-2	09/02/08	3362.00	62.75	49.28	50.43	1.15	NA	NA	NA	3312.55	No Sock
RW-2	09/09/08	3362.00	62.75	49.28	50.44	1.16	NA	NA	NA	3312.55	No Sock
RW-2	09/16/08	3362.00	62.75	49.18	50.87	1.69	Pumped	2.00	9.00	3312.57	
RW-2	09/16/08	3362.00	62.75	ND	49.62	ND	NA	NA	NA	3312.38	
RW-2	09/24/08	3362.00	62.75	49.19	50.85	1.66	Pumped	1.00	9.00	3312.56	
RW-2	09/24/08	3362.00	62.75	ND	50.75	ND	NA	NA	NA	3311.25	
RW-2	10/01/08	3362.00	62.75	49.15	50.62	1.47	Pumped	2.00	10.00	3312.63	
RW-2	10/01/08	3362.00	62.75	ND	49.95	ND	NA	NA	NA	3312.05	
RW-2	10/08/08	3362.00	62.75	ND	49.40	ND	Pumped	2.00	18.00	3312.60	
RW-2	10/08/08	3362.00	62.75	49.20	50.52	1.32	NA	NA	NA	3312.60	
RW-2	10/15/08	3362.00	62.75	49.28	50.27	0.99	Pumped	4.00	36.00	3312.57	
RW-2	10/22/08	3362.00	62.75	49.38	50.18	0.80	Pumped	3.00	17.00	3312.50	
RW-2	10/22/08	3362.00	62.75	ND	50.04	ND	NA	NA	NA	3311.96	
RW-2	10/29/08	3362.00	62.75	49.29	50.19	0.90	Pumped	3.00	27.00	3312.58	
RW-2	10/29/08	3362.00	62.75	ND	49.70	ND	NA	NA	NA	3312.30	
RW-2	11/05/08	3362.00	62.75	49.32	50.21	0.89	Pumped	1.00	19.00	3312.55	
RW-2	11/05/08	3362.00	62.75	ND	49.61	ND	NA	NA	NA	3312.39	
RW-2	11/12/08	3362.00	62.75	49.21	50.11	0.90	Pumped	1.00	19.00	3312.66	
RW-2	11/12/08	3362.00	62.75	48.38	48.39	0.01	NA	NA	NA	3313.62	
RW-2	11/19/08	3362.00	62.75	49.29	49.92	0.63	Pumped	2.00	38.00	3312.62	
RW-2	11/19/08	3362.00	62.75	ND	50.10	ND	NA	NA	NA	3311.90	
RW-2	11/26/08	3362.00	62.75	49.33	49.76	0.43	Pumped	0.50	19.50	3312.61	
RW-2	11/26/08	3362.00	62.75	49.41	49.46	0.05	NA	NA	NA	3312.58	
RW-2	12/03/08	3362.00	62.75	49.34	49.81	0.47	Pumped	0.50	9.50	3312.59	
RW-2	12/03/08	3362.00	62.75	ND	49.44	ND	NA	NA	NA	3312.56	New sock
RW-2	12/10/08	3362.00	62.75	49.47	49.51	0.04	Pumped	0.50	9.50	3312.52	
RW-2	12/10/08	3362.00	62.75	ND	49.51	ND	NA	NA	NA	3312.49	
RW-2	12/17/08	3362.00	62.75	49.43	49.52	0.09		0.25	9.75	3312.56	Flipped Sock
RW-2	12/17/08	3362.00	62.75	ND	49.49	ND	NA	NA	NA	3312.51	
RW-2	12/21/08	3362.00	62.75	49.39	49.91	0.52		0.50	14.50	3312.53	No Sock
RW-2	12/21/08	3362.00	62.75	ND	50.18	ND	NA	NA	NA	3311.82	
RW-2	12/31/08	3362.00	62.75	49.41	49.90	0.49		0.25	9.75	3312.52	
RW-2	12/31/08	3362.00	62.75	49.43	49.51	0.08	NA	NA	NA	3312.56	
RW-2	01/07/09	3362.00	63.07	49.35	49.80	0.45	Hand Bailed	1.00	9.00	3312.58	
RW-2	01/07/09	3362.00	63.07	49.41	49.42	0.01	NA	NA	NA	3312.59	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	01/15/09	3362.00	63.07	49.39	49.90	0.51	Pumped	0.50	9.50	3312.53	
RW-2	01/15/09	3362.00	63.07	ND	49.54	ND	NA	NA	NA	3312.46	
RW-2	01/22/09	3362.00	63.07	49.34	49.73	0.39	Hand Bailed	0.50	9.50	3312.60	No Sock
RW-2	01/28/09	3362.00	63.07	49.34	49.75	0.41	Hand Bailed	0.25	9.75	3312.60	No Sock
RW-2	01/28/09	3362.00	63.07	49.41	49.45	0.04	NA	NA	NA	3312.58	
RW-2	02/04/09	3362.00	61.10	49.40	49.87	0.47	Pumped	0.50	16.50	3312.53	
RW-2	02/04/09	3362.00	61.10	ND	49.56	ND	NA	NA	NA	3312.44	
RW-2	02/11/09	3362.00	61.10	49.41	49.77	0.36	Pumped	0.50	24.50	3312.54	
RW-2	02/11/09	3362.00	61.10	ND	49.49	ND	NA	NA	NA	3312.51	
RW-2	02/17/09	3362.00	61.10	49.36	49.67	0.31	Pumped	1.00	39.00	3312.59	
RW-2	02/17/09	3362.00	61.10	ND	49.40	ND	NA	NA	NA	3312.60	
RW-2	02/25/09	3362.00	61.10	49.37	49.76	0.39	Pumped	0.25	19.75	3312.57	
RW-2	02/25/09	3362.00	61.10	ND	49.56	ND	NA	NA	NA	3312.44	
RW-2	03/04/09	3362.00	61.10	49.31	49.70	0.39	Pumped	0.50	19.50	3312.63	
RW-2	03/04/09	3362.00	61.10	ND	49.32	ND	NA	NA	NA	3312.68	
RW-2	03/11/09	3362.00	61.10	49.46	49.79	0.33	Pumped	0.50	19.50	3312.49	
RW-2	03/11/09	3362.00	61.10	ND	49.48	ND	NA	NA	NA	3312.52	
RW-2	03/18/09	3362.00	61.10	49.35	49.67	0.32	Pumped	0.25	14.75	3312.60	
RW-2	03/18/09	3362.00	61.10	ND	49.41	ND	NA	NA	NA	3312.59	
RW-2	03/25/09	3362.00	61.10	49.31	49.65	0.34	Pumped	0.10	19.90	3312.64	
RW-2	03/25/09	3362.00	61.10	ND	49.69	ND	NA	NA	NA	3312.31	
RW-2	04/01/09	3362.00	61.10	49.32	49.74	0.42	NA	NA	NA	3312.62	
RW-2	04/08/09	3362.00	61.10	49.33	49.98	0.65	Pumped	0.50	19.50	3312.57	
RW-2	04/08/09	3362.00	61.10	ND	49.49	ND	NA	NA	NA	3312.51	
RW-2	04/15/09	3362.00	61.10	49.35	49.75	0.40	Pumped	0.25	14.75	3312.59	
RW-2	04/15/09	3362.00	61.10	ND	50.24	ND	NA	NA	NA	3311.76	
RW-2	04/22/09	3362.00	61.10	49.30	49.95	0.65	NA	NA	NA	3312.60	
RW-2	04/29/09	3362.00	61.10	49.40	49.72	0.32	Pumped	0.50	19.50	3312.55	
RW-2	04/29/09	3362.00	61.10	ND	49.69	ND	NA	NA	NA	3312.31	
RW-2	05/06/09	3362.00	61.10	49.44	49.74	0.30	Pumped	1.50	18.50	3312.52	
RW-2	05/06/09	3362.00	61.10	ND	49.50	ND	NA	NA	NA	3312.50	
RW-2	05/14/09	3362.00	61.10	49.41	49.75	0.34	NA	NA	NA	3312.54	
RW-2	05/14/09	3362.00	61.10	ND	49.99	ND	Pumped	0.50	19.50	3312.01	
RW-2	05/19/09	3362.00	61.10	49.48	49.70	0.22	Pumped	0.50	30.00	3312.49	
RW-2	05/27/09	3362.00	61.10	49.43	49.72	0.29	NA	NA	NA	3312.53	
RW-2	05/27/09	3362.00	61.10	ND	50.01	ND	Pumped	0.50	19.50	3311.99	
RW-2	06/03/09	3362.00	61.10	49.49	49.86	0.37	NA	NA	NA	3312.45	
RW-2	06/03/09	3362.00	61.10	ND	49.64	ND	Pumped	0.50	19.50	3312.36	
RW-2	06/11/09	3362.00	61.10	49.50	49.82	0.32	NA	NA	NA	3312.45	
RW-2	06/11/09	3362.00	61.10	ND	49.71	ND	Pumped	0.50	19.50	3312.29	
RW-2	06/17/09	3362.00	61.10	49.45	49.83	0.38	NA	NA	NA	3312.49	
RW-2	06/17/09	3362.00	61.10	ND	50.60	ND	Pumped	1.00	19.00	3311.40	
RW-2	06/23/09	3362.00	61.10	50.32	49.53	49.73	NA	NA	NA	3354.74	
RW-2	06/23/09	3362.00	61.10	ND	50.32	ND	Pumped	0.25	9.75	3311.68	
RW-2	07/01/09	3362.00	61.10	49.48	49.70	0.22	NA	NA	NA	3312.49	
RW-2	07/01/09	3362.00	61.10	ND	50.41	ND	Pumped	0.25	14.75	3311.59	
RW-2	07/07/09	3362.00	61.10	49.50	49.67	0.17	Pumped	0.25	14.75	3312.47	
RW-2	07/07/09	3362.00	61.10	ND	50.78	ND	NA	NA	NA	3311.22	
RW-2	07/15/09	3362.00	61.10	49.53	49.83	0.30	Pumped	1.00	NA	3312.43	
RW-2	07/15/09	3362.00	61.10	ND	50.52	ND	NA	NA	NA	3311.48	
RW-2	07/29/09	3362.00	61.10	49.50	49.85	0.35	Pumped	1.00	14.75	3312.45	
RW-2	07/29/09	3362.00	61.10	ND	49.62	ND	NA	NA	NA	3312.38	
RW-2	08/05/09	3362.00	61.10	49.57	49.77	0.20	Pumped	0.25	14.75	3312.40	
RW-2	08/05/09	3362.00	61.10	ND	51.25	ND	NA	NA	NA	3310.75	
RW-2	08/12/09	3362.00	61.10	49.52	49.70	0.18	Pumped	0.25	14.75	3312.45	
RW-2	08/12/09	3362.00	61.10	ND	50.65	ND	NA	NA	NA	3311.35	
RW-2	08/19/09	3362.00	61.10	49.50	49.65	0.15	Pumped	0.25	14.75	3312.48	
RW-2	08/19/09	3362.00	61.10	ND	51.15	ND	NA	NA	NA	3310.85	
RW-2	08/26/09	3362.00	61.10	49.61	49.74	0.13	NA	NA	NA	3312.37	
RW-2	09/02/09	3362.00	61.10	49.51	49.77	0.26	Pumped	0.25	14.75	3312.45	
RW-2	09/02/09	3362.00	61.10	ND	51.87	ND	NA	NA	NA	3310.13	
RW-2	09/09/09	3362.00	61.10	49.55	49.68	0.13	Pumped	0.25	14.75	3312.43	
RW-2	09/09/09	3362.00	61.10	ND	50.22	ND	NA	NA	NA	3311.78	
RW-2	09/16/09	3362.00	61.10	49.63	49.81	0.18	Pumped	0.25	14.75	3312.34	
RW-2	09/16/09	3362.00	61.10	ND	51.00	ND	NA	NA	NA	3311.00	
RW-2	09/23/09	3362.00	61.10	49.58	49.75	0.17	Pumped	0.25	19.75	3312.39	
RW-2	09/23/09	3362.00	61.10	ND	50.98	ND	NA	NA	NA	3311.02	
RW-2	09/30/09	3362.00	61.10	49.59	49.79	0.20	Pumped	0.25	9.75	3312.38	
RW-2	09/30/09	3362.00	61.10	ND	50.93	ND	AM	NA	NA	3311.07	
RW-2	09/30/09	3362.00	61.10	49.55	49.57	0.02	Pumped	NA	10.00	3312.45	
RW-2	09/30/09	3362.00	61.10	ND	50.82	ND	PM	NA	NA	3311.18	
RW-2	10/07/09	3362.00	61.10	49.63	49.78	0.15	Pumped	0.25	9.75	3312.35	
RW-2	10/07/09	3362.00	61.10	ND	50.35	ND	AM	NA	NA	3311.65	
RW-2	10/07/09	3362.00	61.10	49.60	49.62	0.02	Pumped	0.10	9.90	3312.40	
RW-2	10/07/09	3362.00	61.10	ND	50.43	ND	PM	NA	NA	3311.57	
RW-2	10/14/09	3362.00	61.10	49.64	49.77	0.13	Pumped	0.50	9.50	3312.34	
RW-2	10/14/09	3362.00	61.10	ND	50.24	ND	PM	NA	NA	3311.76	
RW-2	10/14/09	3362.00	61.10	49.58	49.62	0.04	Pumped	0.10	9.90	3312.41	
RW-2	10/14/09	3362.00	61.10	ND	50.23	ND	PM	NA	NA	3311.77	
RW-2	10/21/09	3362.00	61.10	49.56	49.77	0.21	Hand Bailed	0.50	9.50	3312.41	
RW-2	10/21/09	3362.00	61.10	ND	49.75	ND	NA	NA	NA	3312.25	
RW-2	10/28/09	3362.00	61.10	49.52	49.74	0.22	Pumped	0.25	19.75	3312.45	
RW-2	10/28/09	3362.00	61.10	ND	50.21	ND	NA	NA	NA	3311.79	
RW-2	11/04/09	3362.00	61.10	49.67	49.92	0.25		0.25	9.75	3312.29	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	11/04/09	3362.00	61.10	ND	50.16	ND	NA	NA	NA	3311.84	
RW-2	11/04/09	3362.00	61.10	49.66	49.68	0.02		0.00	10.00	3312.34	
RW-2	11/04/09	3362.00	61.10	ND	50.03	ND	NA	NA	NA	3311.97	
RW-2	11/11/09	3362.00	61.10	49.68	49.88	0.20		0.50	9.50	3312.29	
RW-2	11/11/09	3362.00	61.10	ND	50.23	ND	NA	NA	NA	3311.77	
RW-2	11/11/09	3362.00	61.10	49.63	49.64	0.01		0.10	9.90	3312.37	
RW-2	11/11/09	3362.00	61.10	ND	50.53	ND	NA	NA	NA	3311.47	
RW-2	11/18/09	3362.00	61.10	49.61	49.78	0.17		0.10	19.90	3312.36	
RW-2	11/18/09	3362.00	61.10	ND	50.51	ND	NA	NA	NA	3311.49	
RW-2	11/25/09	3362.00	61.10	49.68	49.92	0.24		0.10	9.90	3312.28	
RW-2	11/25/09	3362.00	61.10	ND	50.37	ND	NA	NA	NA	3311.63	
RW-2	12/02/09	3362.00	61.10	49.64	49.87	0.23		0.10	9.90	3312.33	
RW-2	12/02/09	3362.00	61.10	ND	50.29	ND	NA	NA	NA	3311.71	
RW-2	12/09/09	3362.00	61.10	49.65	49.92	0.27		0.10	9.90	3312.31	
RW-2	12/09/09	3362.00	61.10	ND	50.69	ND	NA	NA	NA	3311.31	
RW-2	12/16/09	3362.00	61.10	49.70	50.03	0.33		0.10	29.90	3312.25	
RW-2	12/16/09	3362.00	61.10	ND	50.18	ND	NA	NA	NA	3311.82	
RW-2	12/23/09	3362.00	61.10	49.62	49.83	0.21		0.25	14.75	3312.35	
RW-2	12/23/09	3362.00	61.10	ND	49.98	ND	NA	NA	NA	3312.02	
RW-2	12/30/09	3362.00	61.10	49.61	49.91	0.30		0.25	9.75	3312.35	
RW-2	12/30/09	3362.00	61.10	ND	50.23	ND	NA	NA	NA	3311.77	
RW-2	01/06/10	3362.00	61.10	49.59	49.86	0.27		0.10	14.90	3312.37	
RW-2	01/06/10	3362.00	61.10	ND	50.16	ND	NA	NA	NA	3311.84	
RW-2	01/13/10	3362.00	61.10	49.60	49.94	0.34		0.25	14.75	3312.35	
RW-2	01/20/10	3362.00	61.10	49.55	49.74	0.19		0.10	9.90	3312.42	
RW-2	01/27/10	3362.00	61.10	49.64	49.83	0.19		0.10	14.90	3312.33	
RW-2	02/11/10	3362.00	61.10	49.58	50.05	0.47		0.25	14.75	3312.35	
RW-2	02/17/10	3362.00	61.10	49.58	49.78	0.20		0.10	9.90	3312.39	
RW-2	03/02/10	3362.00	61.10	50.11	50.19	0.08		0.10	9.90	3311.88	
RW-2	03/10/10	3362.00	61.10	49.50	49.63	0.13		0.10	9.90	3312.48	
RW-2	03/17/10	3362.00	61.10	49.56	49.79	0.23		0.10	14.90	3312.41	
RW-2	03/24/10	3362.00	61.10	49.55	49.67	0.12		0.10	19.90	3312.43	
RW-2	03/31/10	3362.00	61.10	49.45	49.60	0.15		0.10	19.90	3312.53	
RW-2	04/07/10	3362.00	61.10	49.55	49.70	0.15		0.10	19.90	3312.43	
RW-2	04/14/10	3362.00	61.10	49.50	49.62	0.12		0.10	19.90	3312.48	
RW-2	04/21/10	3362.00	61.10	49.42	49.58	0.16		0.10	14.90	3312.56	
RW-2	04/28/10	3362.00	61.10	49.49	49.63	0.14		0.10	9.90	3312.49	
RW-2	05/05/10	3362.00	61.10	49.50	49.62	0.12	Hand Bailed	0.10	9.90	3312.48	
RW-2	05/11/10	3362.00	61.10	49.40	49.55	0.15	Pumped	0.10	34.90	3312.58	
RW-2	05/19/10	3362.00	61.10	49.47	49.63	0.16	Pumped	0.10	9.90	3312.51	
RW-2	05/29/10	3362.00	61.10	49.49	49.65	0.16	Pumped	0.10	9.90	3312.49	
RW-2	06/02/10	3362.00	61.10	49.48	49.58	0.10	Pumped	0.10	9.90	3312.51	
RW-2	06/12/10	3362.00	61.10	49.53	49.63	0.10	Pumped	0.10	9.90	3312.46	
RW-2	06/15/10	3362.00	61.10	49.45	49.52	0.07	Pumped	0.10	9.90	3312.54	
RW-2	06/25/10	3362.00	61.10	49.49	49.64	0.15	Pumped	<.25	10.00	3312.49	
RW-2	07/07/10	3362.00	61.10	49.53	49.73	0.20	Pumped	<.25	10.00	3312.44	
RW-2	07/14/10	3362.00	61.10	49.52	49.67	0.15	Pumped	0.10	9.90	3312.46	
RW-2	07/21/10	3362.00	61.10	49.54	49.66	0.12	Pumped	0.10	9.90	3312.44	
RW-2	07/28/10	3362.00	61.10	49.54	49.64	0.10	Pumped	0.10	9.90	3312.45	
RW-2	08/03/10	3362.00	61.10	49.55	49.67	0.12	Pumped	0.10	9.90	3312.43	
RW-2	08/11/10	3362.00	61.10	49.50	49.65	0.15	NA	NA	NA	3312.48	
RW-2	08/18/10	3362.00	61.10	49.48	49.68	0.20	Pumped	0.25	14.75	3312.49	
RW-2	08/25/10	3362.00	61.10	49.55	49.68	0.13	Pumped	0.10	9.90	3312.43	
RW-2	09/01/10	3362.00	61.10	49.47	49.58	0.11	Pumped	0.10	9.90	3312.51	
RW-2	09/08/10	3362.00	61.10	49.53	49.61	0.08	Pumped	0.10	9.90	3312.46	
RW-2	09/15/10	3362.00	61.10	49.54	49.66	0.12	Pumped	0.10	9.90	3312.44	
RW-2	09/21/10	3362.00	61.10	49.48	49.56	0.08	Pumped	0.10	19.90	3312.51	
RW-2	10/01/10	3362.00	61.10	49.57	49.67	0.10	Pumped	0.10	9.90	3312.42	
RW-2	10/06/10	3362.00	61.10	49.60	49.66	0.06	Pumped	0.10	9.90	3312.39	
RW-2	10/13/10	3362.00	61.10	49.58	49.65	0.07	Pumped	0.10	14.90	3312.41	
RW-2	10/22/10	3362.00	61.10	49.49	49.57	0.08	Pumped	0.10	9.90	3312.50	
RW-2	10/27/10	3362.00	61.10	49.40	49.48	0.08	Pumped	0.10	9.90	3312.59	
RW-2	11/03/10	3362.00	61.10	49.58	49.74	0.16	Pumped	0.10	9.90	3312.40	
RW-2	11/10/10	3362.00	61.10	49.41	49.49	0.08	NA	NA	NA	3312.58	
RW-2	11/16/10	3362.00	61.10	49.50	49.61	0.11	Pumped	0.10	9.90	3312.48	
RW-2	11/16/10	3362.00	61.10	ND	50.21	ND				3311.79	
RW-2	11/23/10	3362.00	61.10	49.40	49.50	0.10	Pumped	0.10	9.90	3312.59	
RW-2	11/23/10	3362.00	61.10	ND	50.09	ND				3311.91	
RW-2	12/01/10	3362.00	61.10	49.39	49.50	0.11	Pumped	0.10	14.90	3312.59	
RW-2	12/01/10	3362.00	61.10	ND	49.96	ND				3312.04	
RW-2	12/08/10	3362.00	61.10	49.45	49.59	0.14	Pumped	0.10	9.90	3312.53	
RW-2	12/08/10	3362.00	61.10	ND	50.21	ND				3311.79	
RW-2	12/15/10	3362.00	61.10	49.33	49.41	0.08	Pumped	0.10	14.90	3312.66	
RW-2	12/15/10	3362.00	61.10	ND	50.26	ND				3311.74	
RW-2	12/21/10	3362.00	61.10	49.41	49.47	0.06	Pumped	0.10	9.90	3312.58	
RW-2	12/21/10	3362.00	61.10	ND	50.24	ND				3311.76	
RW-2	12/28/10	3362.00	61.10	DNG	DNG	DNG	Pumped	0.10	9.90	DNG	
RW-2	01/08/11	3362.00	61.10	49.32	49.52	0.20		0.20	9.80	3312.65	
RW-2	01/08/11	3362.00	61.10	ND	50.20	ND	NA	NA	NA	3311.80	
RW-2	01/12/11	3362.00	61.10	49.47	49.54	0.07		0.10	9.90	3312.52	
RW-2	01/12/11	3362.00	61.10	ND	49.65	ND	NA	NA	NA	3312.35	
RW-2	01/19/11	3362.00	61.10	49.33	49.40	0.07		0.10	9.90	3312.66	
RW-2	01/19/11	3362.00	61.10	ND	50.38	ND	NA	NA	NA	3311.62	
RW-2	01/25/11	3362.00	61.10	49.40	49.47	0.07		0.20	9.80	3312.59	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	01/25/11	3362.00	61.10	ND	50.03	ND	NA	NA	NA	3311.97	
RW-2	02/04/11	3362.00	61.10	49.34	49.46	0.12		0.20	9.80	3312.64	
RW-2	02/04/11	3362.00	61.10	ND	50.45	ND	NA	NA	NA	3311.55	
RW-2	02/08/11	3362.00	61.10	49.34	49.37	0.03		0.10	9.90	3312.66	
RW-2	02/08/11	3362.00	61.10	ND	50.41	ND	NA	NA	NA	3311.59	
RW-2	02/16/11	3362.00	61.10	49.35	49.45	0.10		0.10	9.90	3312.64	
RW-2	02/16/11	3362.00	61.10	ND	50.21	ND	NA	NA	NA	3311.79	
RW-2	02/23/11	3362.00	61.10	49.34	49.40	0.06		0.10	9.90	3312.65	
RW-2	02/23/11	3362.00	61.10	ND	50.78	ND	NA	NA	NA	3311.22	
RW-2	03/02/11	3362.00	61.10	49.37	49.57	0.20		0.20	9.80	3312.60	
RW-2	03/02/11	3362.00	61.10	ND	50.50	ND	NA	NA	NA	3311.50	
RW-2	03/08/11	3362.00	61.10	49.31	49.39	0.08	Hand Bailed	0.10	4.90	3312.68	
RW-2	03/08/11	3362.00	61.10	ND	49.54	ND	NA	NA	NA	3312.46	
RW-2	03/16/11	3362.00	61.10	49.34	49.44	0.10		0.10	4.90	3312.65	
RW-2	03/16/11	3362.00	61.10	ND	49.62	ND	NA	NA	NA	3312.38	
RW-2	03/23/11	3362.00	61.10	49.38	49.47	0.09		0.10	4.90	3312.61	
RW-2	03/23/11	3362.00	61.10	ND	49.65	ND	NA	NA	NA	3312.35	
RW-2	03/30/11	3362.00	61.10	49.31	49.42	0.11		0.10	14.90	3312.67	
RW-2	03/30/11	3362.00	61.10	ND	49.36	ND	NA	NA	NA	3312.64	
RW-2	04/08/11	3362.00	61.10	49.30	49.39	0.09	Pumped	0.10	9.90	3312.69	
RW-2	04/08/11	3362.00	61.10	ND	50.10	ND	NA	NA	NA	3311.90	
RW-2	04/13/11	3362.00	61.10	49.28	49.33	0.05		0.10	4.90	3312.71	
RW-2	04/13/11	3362.00	61.10	ND	49.63	ND	NA	NA	NA	3312.37	
RW-2	04/20/11	3362.00	61.10	49.35	49.42	0.07	Hand Bailed	0.10	9.90	3312.64	
RW-2	04/20/11	3362.00	61.10	ND	49.54	ND	NA	NA	NA	3312.46	
RW-2	04/27/11	3362.00	61.10	49.35	49.42	0.07	Pumped	0.10	14.90	3312.64	
RW-2	04/27/11	3362.00	61.10	ND	50.00	ND	NA	NA	NA	3312.00	
RW-2	05/04/11	3362.00	61.10	49.29	49.41	0.12		0.10	19.90	3312.69	
RW-2	05/04/11	3362.00	61.10	ND	50.21	ND	NA	NA	NA	3311.79	
RW-2	05/11/11	3362.00	61.10	49.26	49.34	0.08		0.10	9.90	3312.73	
RW-2	05/11/11	3362.00	61.10	ND	50.12	ND	NA	NA	NA	3311.88	
RW-2	05/19/11	3362.00	61.10	49.29	49.40	0.11		0.10	19.90	3312.69	
RW-2	05/19/11	3362.00	61.10	ND	49.89	ND	NA	NA	NA	3312.11	
RW-2	05/24/11	3362.00	61.10	49.32	49.41	0.09		0.10	9.90	3312.67	
RW-2	05/24/11	3362.00	61.10	ND	49.60	ND	NA	NA	NA	3312.40	
RW-2	06/01/11	3362.00	61.10	49.46	49.51	0.05	NA	NA	NA	3312.53	Sampled
RW-2	06/08/11	3362.00	61.10	49.40	49.52	0.12		0.10	9.90	3312.58	
RW-2	06/08/11	3362.00	61.10	ND	50.73	ND	NA	NA	NA	3311.27	
RW-2	06/17/11	3362.00	61.10	49.30	49.42	0.12		0.00	10.00	3312.68	
RW-2	06/17/11	3362.00	61.10	ND	50.60	ND	NA	NA	NA	3311.40	
RW-2	06/21/11	3362.00	61.10	49.35	49.50	0.15		0.10	9.90	3312.63	
RW-2	06/21/11	3362.00	61.10	ND	50.27	ND	NA	NA	NA	3311.73	
RW-2	06/29/11	3362.00	61.10	49.49	49.71	0.22		0.10	9.90	3312.48	
RW-2	06/29/11	3362.00	61.10	ND	50.61	ND	NA	NA	NA	3311.39	
RW-2	07/06/11	3362.00	61.10	49.53	49.65	0.12		0.10	4.90	3312.45	
RW-2	07/06/11	3362.00	61.10	ND	49.64	ND	NA	NA	NA	3312.36	
RW-2	07/13/11	3362.00	61.10	49.50	49.61	0.11		0.20	14.80	3312.48	
RW-2	07/13/11	3362.00	61.10	ND	49.95	ND	NA	NA	NA	3312.05	
RW-2	07/20/11	3362.00	61.10	49.31	49.38	0.07		0.10	4.90	3312.68	
RW-2	07/20/11	3362.00	61.10	ND	49.58	ND	NA	NA	NA	3312.42	
RW-2	07/27/11	3362.00	61.10	49.48	49.63	0.15		0.10	9.90	3312.50	
RW-2	07/27/11	3362.00	61.10	ND	49.76	ND	NA	NA	NA	3312.24	
RW-2	08/03/11	3362.00	61.10	49.55	49.66	0.11		0.10	9.90	3312.43	
RW-2	08/03/11	3362.00	61.10	ND	49.64	ND	NA	NA	NA	3312.36	
RW-2	08/11/11	3362.00	61.10	49.54	49.67	0.13	Hand Bailed	0.10	4.90	3312.44	
RW-2	08/11/11	3362.00	61.10	ND	49.82	ND	NA	NA	NA	3312.18	
RW-2	08/16/11	3362.00	61.10	49.50	49.68	0.18		0.10	9.90	3312.47	
RW-2	08/16/11	3362.00	61.10	ND	49.53	ND	NA	NA	NA	3312.47	
RW-2	08/24/11	3362.00	61.10	49.56	49.71	0.15		0.20	9.80	3312.42	
RW-2	08/24/11	3362.00	61.10	ND	49.60	ND	NA	NA	NA	3312.40	
RW-2	08/30/11	3362.00	61.10	49.53	49.74	0.21		0.10	4.90	3312.44	
RW-2	08/30/11	3362.00	61.10	ND	49.79	ND	NA	NA	NA	3312.21	
RW-2	09/07/11	3362.00	61.10	49.60	49.79	0.19		0.10	4.90	3312.37	
RW-2	09/07/11	3362.00	61.10	ND	49.90	ND	NA	NA	NA	3312.10	
RW-2	09/14/11	3362.00	61.10	49.55	49.76	0.21		0.10	4.90	3312.42	
RW-2	09/14/11	3362.00	61.10	ND	49.71	ND	NA	NA	NA	3312.29	
RW-2	09/21/11	3362.00	61.10	49.58	49.81	0.23		0.10	4.90	3312.39	
RW-2	09/21/11	3362.00	61.10	ND	49.64	ND	NA	NA	NA	3312.36	
RW-2	09/28/11	3362.00	61.10	49.61	49.86	0.25	Hand Bailed	0.10	4.90	3312.35	
RW-2	09/28/11	3362.00	61.10	ND	49.68	ND	NA	NA	NA	3312.32	
RW-2	10/05/11	3362.00	61.10	49.56	49.81	0.25	Pumped	0.25	9.75	3312.40	Clear at 5 gal
RW-2	10/05/11	3362.00	61.10	ND	50.50	ND	NA	NA	NA	3311.50	
RW-2	10/12/11	3362.00	61.10	49.67	49.70	0.03		0.10	14.90	3312.33	
RW-2	10/12/11	3362.00	61.10	ND	50.78	ND	NA	NA	NA	3311.22	
RW-2	10/18/11	3362.00	61.10	49.69	49.82	0.13		0.10	9.90	3312.29	Clear at 3 gal
RW-2	10/18/11	3362.00	61.10	ND	50.16	ND	NA	NA	NA	3311.84	
RW-2	10/28/11	3362.00	61.10	49.70	49.84	0.14		0.10	9.90	3312.28	Clear at 3 gal
RW-2	10/28/11	3362.00	61.10	ND	50.90	ND	NA	NA	NA	3311.10	
RW-2	11/02/11	3362.00	61.10	49.64	49.69	0.05		0.10	4.90	3312.35	Clear at 3 gal
RW-2	11/02/11	3362.00	61.10	ND	50.49	ND	NA	NA	NA	3311.51	
RW-2	11/09/11	3362.00	61.10	49.70	49.78	0.08		0.10	9.90	3312.29	
RW-2	11/09/11	3362.00	61.10	ND	49.98	ND	NA	NA	NA	3312.02	
RW-2	11/18/11	3362.00	61.10	49.56	49.65	0.09		0.10	4.90	3312.43	
RW-2	11/18/11	3362.00	61.10	ND	50.19	ND	NA	NA	NA	3311.81	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	11/23/11	3362.00	61.10	49.64	49.78	0.14		0.10	19.90	3312.34	
RW-2	11/23/11	3362.00	61.10	ND	51.00	ND	NA	NA	NA	3311.00	
RW-2	11/28/11	3362.00	61.10	49.56	49.69	0.13	NA	NA	NA	3312.42	
RW-2	12/13/11	3362.00	61.10	49.57	49.86	0.29		0.10	9.90	3312.39	
RW-2	12/13/11	3362.00	61.10	ND	50.43	ND	NA	NA	NA	3311.57	
RW-2	12/20/11	3362.00	61.10	49.61	49.74	0.13		0.10	4.90	3312.37	
RW-2	12/20/11	3362.00	61.10	ND	50.23	ND	NA	NA	NA	3311.77	
RW-2	12/27/11	3362.00	61.10	49.64	49.74	0.10		0.25	9.75	3312.35	
RW-2	12/27/11	3362.00	61.10	ND	50.51	ND	NA	NA	NA	3311.49	
RW-2	01/04/12	3362.00	61.10	49.66	49.71	0.05	Hand Bailed	0.10	4.90	3312.33	
RW-2	01/04/12	3362.00	61.10	ND	49.70	ND	NA	NA	NA	3312.30	
RW-2	01/13/12	3362.00	61.10	49.62	49.80	0.18		0.10	4.90	3312.35	
RW-2	01/13/12	3362.00	61.10	ND	47.72	ND	NA	NA	NA	3314.28	
RW-2	01/18/12	3362.00	61.10	49.60	49.76	0.16	Pumped	0.10	9.90	3312.38	
RW-2	01/18/12	3362.00	61.10	ND	50.53	ND	NA	NA	NA	3311.47	
RW-2	01/27/12	3362.00	61.10	49.55	49.68	0.13		0.10	14.90	3312.43	
RW-2	01/27/12	3362.00	61.10	ND	50.55	ND	NA	NA	NA	3311.45	
RW-2	02/02/12	3362.00	61.10	49.54	49.59	0.05		0.10	9.90	3312.45	
RW-2	02/02/12	3362.00	61.10	ND	49.56	ND	NA	NA	NA	3312.44	
RW-2	02/08/12	3362.00	61.10	49.66	49.75	0.09		0.10	9.90	3312.33	
RW-2	02/08/12	3362.00	61.10	ND	50.48	ND	NA	NA	NA	3311.52	
RW-2	02/15/12	3362.00	61.10	49.59	49.62	0.03		0.10	4.90	3312.41	
RW-2	02/15/12	3362.00	61.10	ND	50.68	ND	NA	NA	NA	3311.32	
RW-2	02/22/12	3362.00	61.10	50.57	50.62	0.05	NA	NA	NA	3311.42	
RW-2	02/29/12	3362.00	61.10	49.56	49.86	0.30		0.10	9.90	3312.40	
RW-2	02/29/12	3362.00	61.10	ND	50.26	ND	NA	NA	NA	3311.74	
RW-2	03/06/12	3362.00	61.10	49.50	49.80	0.30		0.10	9.90	3312.46	
RW-2	03/06/12	3362.00	61.10	ND	50.43	ND	NA	NA	NA	3311.57	
RW-2	03/14/12	3362.00	61.10	49.46	49.70	0.24	NA	NA	NA	3312.50	
RW-2	03/21/12	3362.00	61.10	49.40	49.55	0.15		0.10	9.90	3312.58	
RW-2	03/21/12	3362.00	61.10	ND	50.15	ND	NA	NA	NA	3311.85	
RW-2	03/29/12	3362.00	61.10	49.49	49.70	0.21		0.10	9.90	3312.48	
RW-2	03/29/12	3362.00	61.10	ND	50.63	ND	NA	NA	NA	3311.37	
RW-2	04/03/12	3362.00	61.10	49.55	49.80	0.25		0.10	9.90	3312.41	
RW-2	04/03/12	3362.00	61.10	ND	50.25	ND	NA	NA	NA	3311.75	
RW-2	04/11/12	3362.00	61.10	49.48	49.70	0.22		0.10	9.90	3312.49	
RW-2	04/11/12	3362.00	61.10	ND	49.99	ND	NA	NA	NA	3312.01	
RW-2	04/20/12	3362.00	61.10	49.38	49.52	0.14		0.10	9.90	3312.60	
RW-2	04/20/12	3362.00	61.10	ND	50.12	ND	NA	NA	NA	3311.88	
RW-2	04/26/12	3362.00	61.10	49.45	49.82	0.37		0.10	9.90	3312.49	
RW-2	04/26/12	3362.00	61.10	ND	50.20	ND	NA	NA	NA	3311.80	
RW-2	05/02/12	3362.00	61.10	49.51	49.61	0.10		0.10	9.90	3312.48	
RW-2	05/02/12	3362.00	61.10	ND	50.23	ND	NA	NA	NA	3311.77	
RW-2	05/09/12	3362.00	61.10	49.55	49.70	0.15		0.10	9.90	3312.43	
RW-2	05/09/12	3362.00	61.10	ND	50.28	ND	NA	NA	NA	3311.72	
RW-2	05/22/12	3362.00	61.10	49.48	49.70	0.22	NA	NA	NA	3312.49	Sampled
RW-2	05/29/12	3362.00	61.10	49.49	49.64	0.15		0.25	13.00	3312.49	
RW-2	05/29/12	3362.00	61.10	ND	49.97	ND	NA	NA	NA	3312.03	
RW-2	06/06/12	3362.00	61.10	49.53	49.60	0.07		0.10	9.90	3312.46	
RW-2	06/06/12	3362.00	61.10	ND	51.44	ND	NA	NA	NA	3310.56	
RW-2	06/13/12	3362.00	61.10	49.45	49.49	0.04		0.10	9.90	3312.54	
RW-2	06/13/12	3362.00	61.10	ND	51.12	ND	NA	NA	NA	3310.88	
RW-2	06/19/12	3362.00	61.10	49.41	49.65	0.24		0.10	9.90	3312.55	
RW-2	06/19/12	3362.00	61.10	ND	49.45	ND	NA	NA	NA	3312.55	
RW-2	06/27/12	3362.00	61.10	49.45	49.55	0.10	NA	NA	5.00	3312.54	
RW-2	06/27/12	3362.00	61.10	ND	50.22	ND	NA	NA	NA	3311.78	
RW-2	06/27/12	3362.00	61.10	49.97	50.09	0.12		0.00	5.00	3312.01	
RW-2	06/27/12	3362.00	61.10	ND		ND	NA	NA	NA	3362.00	
RW-2	07/05/12	3362.00	61.10	49.52	49.62	0.10	NA	0.10	10.00	3312.47	
RW-2	07/05/12	3362.00	61.10	ND	50.82	ND	NA	NA	NA	3311.18	
RW-2	07/11/12	3362.00	61.10	49.51	49.63	0.12	NA	0.10	10.00	3312.47	
RW-2	07/11/12	3362.00	61.10	ND	50.50	ND	NA	NA	NA	3311.50	
RW-2	07/18/12	3362.00	61.10	49.53	49.76	0.23	NA	NA	10.00	3312.44	
RW-2	07/18/12	3362.00	61.10	ND	49.60	ND	NA	NA	NA	3312.40	
RW-2	07/25/12	3362.00	61.10	49.55	49.71	0.16	NA	0.25	9.75	3312.43	
RW-2	07/25/12	3362.00	61.10	ND	49.82	ND	NA	NA	NA	3312.18	
RW-2	07/31/12	3362.00	61.10	49.55	49.80	0.25	NA	0.10	10.00	3312.41	
RW-2	07/31/12	3362.00	61.10	ND	49.45	ND	NA	NA	NA	3312.55	
RW-2	08/08/12	3362.00	61.10	49.55	49.85	0.30	NA	NA	NA	3312.41	
RW-2	08/13/12	3362.00	61.10	49.48	49.75	0.27	NA	0.10	10.00	3312.48	
RW-2	08/13/12	3362.00	61.10	ND	50.58	ND	NA	NA	NA	3311.42	
RW-2	09/05/12	3362.00	61.10	49.70	49.93	0.23	NA	0.10	10.00	3312.27	
RW-2	09/11/12	3362.00	61.10	49.52	49.70	0.18	NA	0.10	10.00	3312.45	
RW-2	09/19/12	3362.00	61.10	49.60	50.14	0.54	NA	1.00	9.00	3312.32	
RW-2	09/19/12	3362.00	61.10	ND	50.25	ND	NA	NA	NA	3311.75	
RW-2	09/25/12	3362.00	61.10	49.56	49.95	0.39	NA	0.10	10	3312.38	
RW-2	09/25/12	3362.00	61.10	ND	50.32	ND	NA	NA	NA	3311.68	
RW-2	10/03/12	3362.00	61.10	49.62	50.12	0.50	NA	0.10	10.00	3312.31	
RW-2	10/03/12	3362.00	61.10	ND	50.30	ND	NA	NA	NA	3311.70	
RW-2	10/24/12	3362.00	61.10	49.50	49.93	0.43	NA	0.10	10.00	3312.44	
RW-2	10/24/12	3362.00	61.10	ND	50.25	ND	NA	NA	NA	3311.75	
RW-2	10/30/12	3362.00	61.10	49.64	49.85	0.21	NA	0.10	10.00	3312.33	
RW-2	10/30/12	3362.00	61.10	ND	49.58	ND	NA	NA	NA	3312.42	
RW-2	11/06/12	3362.00	61.10	49.65	49.85	0.20	NA	0.10	10.00	3312.32	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	11/06/12	3362.00	61.10	ND	50.35	ND	NA	NA	NA	3311.65	
RW-2	11/13/12	3362.00	61.10	49.65	50.00	0.35	NA	0.10	10.00	3312.30	
RW-2	11/13/12	3362.00	61.10	ND	49.74	ND	NA	NA	NA	3312.26	
RW-2	11/26/12	3362.00	61.10	49.55	50.38	0.83	NA	NA	NA	3312.33	
RW-2	12/05/12	3362.00	61.10	49.54	50.55	1.01	NA	1.00	9.00	3312.31	
RW-2	12/05/12	3362.00	61.10	ND	50.65	ND	NA	NA	NA	3311.35	
RW-2	12/11/12	3362.00	61.10	49.68	49.90	0.22	NA	NA	NA	3312.29	
RW-2	01/03/13	3362.00	61.10	49.65	50.38	0.73	NA	NA	NA	3312.24	
RW-2	01/16/13	3362.00	61.10	49.60	50.53	0.93	NA	1.00	9.00	3312.26	
RW-2	01/16/13	3362.00	61.10	ND	50.33	ND	NA	NA	NA	3311.67	
RW-2	01/23/13	3362.00	61.10	49.65	49.95	0.30	NA	0.10	10.00	3354.81	
RW-2	01/23/13	3362.00	61.10	ND	50.50	ND	NA	NA	NA	3311.50	
RW-2	01/30/13	3362.00	61.10	49.71	50.12	0.41	NA	0.10	10.00	3312.23	
RW-2	01/30/13	3362.00	61.10	ND	50.45	ND	NA	NA	NA	3311.55	
RW-2	02/07/13	3362.00	61.10	49.65	49.91	0.26	NA	0.10	10.00	3312.31	
RW-2	02/07/13	3362.00	61.10	ND	50.17	ND	NA	NA	NA	3311.83	
RW-2	02/13/13	3362.00	61.10	49.68	50.08	0.40	NA	0.10	10.00	3312.26	
RW-2	02/13/13	3362.00	61.10	ND	49.78	ND	NA	NA	NA	3312.22	
RW-2	02/27/13	3362.00	61.10	49.68	50.12	0.44	NA	NA	NA	3312.25	
RW-2	03/21/13	3362.00	61.10	49.50	50.30	0.80	NA	NA	NA	3312.38	
RW-2	03/29/13	3362.00	61.10	49.54	50.30	0.76	NA	0.50	9.50	3312.35	
RW-2	03/29/13	3362.00	61.10	ND	50.75	ND	NA	NA	NA	3311.25	
RW-2	04/03/13	3362.00	61.10	49.52	50.40	0.88	NA	0.50	9.50	3312.35	
RW-2	04/03/13	3362.00	61.10	ND	50.60	ND	NA	NA	NA	3311.40	
RW-2	04/09/13	3362.00	61.10	49.52	50.58	1.06	NA	0.50	9.50	3312.32	
RW-2	04/09/13	3362.00	61.10	ND	50.88	ND	NA	NA	NA	3311.12	
RW-2	05/01/13	3362.00	61.10	49.62	50.35	0.73	NA	0.50	9.50	3312.27	
RW-2	05/01/13	3362.00	61.10	ND	50.60	ND	NA	NA	NA	3311.40	
RW-2	05/15/13	3362.00	61.10	49.60	50.10	0.50	NA	0.10	10.00	3312.33	
RW-2	05/15/13	3362.00	61.10	ND	50.27	ND	NA	NA	NA	3311.73	
RW-2	05/21/13	3362.00	61.10	49.63	50.33	0.70	NA	0.10	10.00	3312.27	
RW-2	05/21/13	3362.00	61.10	ND	51.27	ND	NA	NA	NA	3310.73	
RW-2	06/05/13	3362.00	61.10	49.58	50.55	0.97	NA	1.00	9.00	3312.27	
RW-2	06/05/13	3362.00	61.10	ND	54.18	ND	NA	NA	NA	3307.82	
RW-2	06/11/13	3362.00	61.10	49.74	50.16	0.42	NA	NA	NA	3312.20	
RW-2	06/17/13	3362.00	61.10	49.73	50.35	0.62	NA	0.25	9.75	3312.18	
RW-2	06/26/13	3362.00	61.10	49.65	50.53	0.88	NA	1.00	9.00	3312.22	
RW-2	06/26/13	3362.00	61.10	ND	50.90	ND	NA	NA	NA	3311.10	
RW-2	07/03/13	3362.00	61.10	49.61	50.68	1.07	NA	NA	9.00	3312.23	
RW-2	07/10/13	3362.00	61.10	49.70	50.22	0.52	NA	NA	NA	3312.22	
RW-2	07/23/13	3362.00	61.10	49.63	50.60	0.97	NA	2.00	8.00	3312.22	
RW-2	07/30/13	3362.00	61.10	49.50	50.55	1.05	NA	1.00	9.00	3312.34	
RW-2	08/07/13	3362.00	61.10	49.54	50.61	1.07	NA	0.50	9.50	3312.30	
RW-2	08/14/13	3362.00	61.10	49.70	50.82	1.12	NA	NA	NA	3312.13	
RW-2	08/21/13	3362.00	61.10	49.83	50.30	0.47	NA	0.50	9.50	3312.10	
RW-2	08/28/13	3362.00	61.10	49.76	50.68	0.92	NA	1.00	9.00	3312.10	
RW-2	09/06/13	3362.00	61.10	49.80	50.52	0.72	NA	1.00	9.00	3312.09	
RW-2	09/10/13	3362.00	61.10	49.84	51.12	1.28	NA	NA	NA	3311.97	
RW-2	09/21/13	3362.00	61.10	49.81	50.70	0.89	NA	1.00	9.00	3312.06	
RW-2	09/28/13	3362.00	61.10	49.91	50.49	0.58	NA	0.50	9.50	3312.00	
RW-2	10/02/13	3362.00	61.10	49.79	50.30	0.51	NA	0.50	9.50	3312.13	
RW-2	10/11/13	3362.00	61.10	49.78	51.00	1.22	NA	0.50	9.50	3312.04	
RW-2	10/16/13	3362.00	61.10	49.80	50.20	0.40	NA	1.00	9.00	3312.14	
RW-2	10/30/13	3362.00	61.10	49.70	50.83	1.13	NA	0.50	9.50	3312.13	
RW-2	11/06/13	3362.00	61.10	49.86	50.52	0.66	NA	0.50	9.50	3312.04	
RW-2	11/20/13	3362.00	61.10	49.78	50.91	1.13	NA	0.50	4.50	3312.05	
RW-2	11/27/13	3362.00	61.10	49.80	50.90	1.10	NA	2.00	3.00	3312.04	
RW-2	12/17/13	3362.00	61.10	49.79	51.05	1.26	NA	1.00	9.00	3312.02	
RW-2	01/02/14	3362.00	61.10	49.74	51.38	1.64	NA	1.00	9.00	3312.01	
RW-2	01/09/14	3362.00	61.10	49.79	50.48	0.69	NA	1.00	9.00	3312.11	
RW-2	01/15/14	3362.00	61.10	49.81	50.58	0.77	NA	0.50	9.50	3312.07	
RW-2	01/22/14	3362.00	61.10	49.80	49.90	0.10	NA	1.00	9.00	3312.19	
RW-2	01/30/14	3362.00	61.10	49.70	50.02	0.32	NA	1.00	9.00	3312.25	
RW-2	02/05/14	3362.00	61.10	49.86	50.60	0.74	NA	2.00	13.00	3312.03	
RW-2	02/13/14	3362.00	61.10	49.80	50.43	0.63	NA	1.00	9.00	3312.11	
RW-2	02/20/14	3362.00	61.10	49.88	50.51	0.63	NA	0.50	9.50	3312.03	
RW-2	02/26/14	3362.00	61.10	49.72	50.85	1.13	NA	1.00	9.00	3312.11	
RW-2	03/05/14	3362.00	61.10	49.84	50.58	0.74	NA	1.00	9.00	3312.05	
RW-2	03/18/14	3362.00	61.10	49.59	50.88	1.29	NA	1.00	9.00	3312.22	
RW-2	04/02/14	3362.00	61.10	49.60	50.73	1.13	NA	1.00	9.00	3312.23	
RW-2	04/09/14	3362.00	61.10	49.65	50.78	1.13	NA	1.00	9.00	3312.18	
RW-2	04/15/14	3362.00	61.10	49.82	50.38	0.56	NA	0.25	9.75	3312.10	
RW-2	04/23/14	3362.00	61.10	49.87	50.50	0.63	NA	0.50	9.50	3312.04	
RW-2	05/04/14	3362.00	61.10	49.72	50.78	1.06	NA	0.50	9.50	3312.12	
RW-2	05/07/14	3362.00	61.10	49.79	50.11	0.32	NA	0.25	9.75	3312.16	
RW-2	05/16/14	3362.00	61.10	49.78	50.44	0.66	NA	0.50	9.50	3312.12	
RW-2	05/20/14	3362.00	61.10	49.85	50.10	0.25	NA	0.50	9.50	3312.11	
RW-2	06/03/14	3362.00	61.10	49.82	50.61	0.79	NA	NA	NA	3312.06	
RW-2	06/19/14	3362.00	61.10	49.85	50.33	0.48	NA	0.50	9.50	3312.08	
RW-2	06/25/14	3362.00	61.10	49.87	50..40	NA	NA	0.50	9.50	50..40	
RW-2	07/09/14	3362.00	61.10	49.81	51.20	1.39	NA	1.00	14.00	3311.98	
RW-2	07/16/14	3362.00	61.10	49.90	50.57	0.67	NA	1.00	9.00	3312.00	
RW-2	07/23/14	3362.00	61.10	49.85	50.90	1.05	NA	1.00	9.00	3311.99	
RW-2	07/29/14	3362.00	61.10	49.88	50.64	0.76	NA	1.00	9.00	3312.01	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	08/12/14	3362.00	61.10	49.89	51.37	1.48	NA	2.00	8.00	3311.89	
RW-2	08/21/14	3362.00	61.10	49.94	50.68	0.74	NA	NA	NA	3311.95	
RW-2	08/27/14	3362.00	61.10	49.90	51.39	1.49	NA	NA	NA	3311.88	
RW-2	09/03/14	3362.00	61.10	49.91	51.15	1.24	NA	NA	NA	3311.90	
RW-2	09/09/14	3362.00	61.10	49.94	50.63	0.69	NA	1.00	9.00	3311.96	
RW-2	09/17/14	3362.00	63.40	49.94	51.08	1.14	NA	1.00	9.00	3311.89	
RW-2	09/29/14	3362.00	63.40	49.89	51.07	1.18	NA	NA	NA	3311.93	
RW-2	10/15/14	3362.00	63.40	49.89	51.60	1.71	NA	NA	NA	3311.85	
RW-2	10/29/14	3362.00	63.40	49.44	50.94	1.50	NA	1.00	19.00	3312.34	
RW-2	11/04/14	3362.00	63.40	49.96	50.78	0.82	NA	0.25	9.75	3311.92	
RW-2	11/12/14	3362.00	63.40	49.98	51.00	1.02	NA	1.00	9.00	3311.87	
RW-2	11/18/14	3362.00	63.40	49.89	51.14	1.25	NA	NA	NA	3311.92	
RW-2	11/25/14	3362.00	63.40	49.85	49.99	0.14	NA	NA	NA	3312.13	
RW-2	12/17/14	3362.00	63.40	49..81	50.35	0.54	NA	1.00	9.00	3311.65	
RW-2	12/22/14	3362.00	63.40	49.87	50.78	0.54	NA	1.00	9.00	3311.68	
RW-2	12/29/14	3362.00	63.40	49.90	50.84	0.94	NA	1.00	9.00	3311.96	
RW-2	01/08/15	3362.00	63.40	49.88	50.77	0.89	NA	1.00	9.00	3311.99	
RW-2	01/14/15	3362.00	63.40	49.90	51.00	1.10	NA	1.00	9.00	3311.94	
RW-2	01/21/15	3362.00	63.40	50.00	50.51	0.51	NA	0.50	9.50	3311.92	
RW-2	01/28/15	3362.00	63.40	49.95	50.80	0.85	NA	1.00	9.00	3311.92	
RW-2	02/06/15	3362.00	63.40	50.01	50.95	0.94	NA	1.00	9.00	3311.85	
RW-2	02/10/15	3362.00	63.40	49.97	50.86	0.89	NA	1.00	9.00	3311.90	
RW-2	02/17/15	3362.00	63.40	49.97	50.55	0.58	NA	NA	NA	3311.94	
RW-2	02/25/15	3362.00	63.40	49.90	50.78	0.88	NA	0.50	9.50	3311.97	
RW-2	03/05/15	3362.00	63.40	50.05	51.24	1.19	NA	1.00	9.00	3311.77	
RW-2	03/11/15	3362.00	63.40	49.95	51.25	1.30	NA	1.00	9.00	3311.86	
RW-2	03/23/15	3362.00	63.40	49.96	50.75	0.79	NA	0.50	9.50	3311.92	
RW-2	03/31/15	3362.00	63.40	49.92	50.97	1.05	NA	0.50	9.50	3311.92	
RW-2	04/07/15	3362.00	63.40	50.00	50.52	0.52	NA	0.50	9.50	3311.92	
RW-2	04/15/15	3362.00	63.40	50.01	50.45	0.44	NA	0.50	9.50	3311.92	
RW-2	04/21/15	3362.00	63.40	50.02	50.40	0.38	NA	0.50	14.50	3311.92	
RW-2	04/29/15	3362.00	63.40	50.05	50.53	0.48	NA	0.50	9.50	3311.88	
RW-2	05/06/15	3362.00	63.40	50.02	50.52	0.50	NA	0.50	9.50	3311.91	
RW-2	05/27/15	3362.00	63.40	49.99	51.00	1.01	NA	1.00	9.00	3311.86	
RW-2	06/04/15	3362.00	63.40	50.03	50.60	0.57	NA	1.00	9.00	3311.88	
RW-2	06/09/15	3362.00	63.40	50.05	50.43	0.38	NA	0.50	9.50	3311.89	
RW-2	06/15/15	3362.00	63.40	50.10	50.51	0.41	NA	NA	NA	3311.84	Sampled
RW-2	07/01/15	3362.00	63.40	49.99	50.85	0.86	NA	0.50	9.50	3311.88	
RW-2	07/08/15	3362.00	63.40	50.02	51.10	1.08	NA	0.50	9.50	3311.82	
RW-2	07/14/15	3362.00	63.40	49.78	50.70	0.92	NA	0.50	9.50	3312.08	
RW-2	07/21/15	3362.00	63.40	50.01	50.97	0.96	NA	0.50	9.50	3311.85	
RW-2	07/28/15	3362.00	63.40	50.09	50.66	0.57	NA	0.50	9.50	3311.82	
RW-2	08/05/15	3362.00	63.40	50.09	50.83	0.74	NA	0.50	9.50	3311.80	
RW-2	08/12/15	3362.00	63.40	50.10	50.95	0.85	NA	0.50	9.50	3311.77	
RW-2	08/20/15	3362.00	63.40	50.13	50.82	0.69	NA	0.50	9.50	3311.77	
RW-2	08/26/15	3362.00	63.40	50.05	50.71	0.66	NA	NA	NA	3311.85	
RW-2	09/01/15	3362.00	63.40	50.12	51.00	0.88	NA	0.50	9.50	3311.75	
RW-2	09/10/15	3362.00	63.40	50.14	50.94	0.80	NA	NA	NA	3311.74	
RW-2	09/16/15	3362.00	63.40	50.10	51.16	1.06	NA	1.00	9.00	3311.74	
RW-2	09/28/15	3362.00	63.40	50.05	51.52	1.47	NA	1.00	9.00	3311.73	
RW-2	10/06/15	3362.00	63.40	50.15	50.95	0.80	NA	0.50	9.50	3311.73	
RW-2	10/13/15	3362.00	63.40	50.17	50.85	0.68	NA	0.50	9.50	3311.73	
RW-2	10/20/15	3362.00	63.40	50.10	51.10	1.00	NA	0.50	9.50	3311.75	
RW-2	10/28/15	3362.00	63.40	50.20	51.05	0.85	NA	0.50	9.50	3311.67	
RW-2	11/03/15	3362.00	63.40	50.16	51.02	0.86	NA	0.50	9.50	3311.71	
RW-2	11/12/15	3362.00	63.40	50.14	51.25	1.11	NA	1.00	9.00	3311.69	
RW-2	11/17/15	3362.00	63.40	50.05	51.33	1.28	NA	NA	NA	3311.76	
RW-2	11/24/15	3362.00	63.40	50.10	51.07	0.97	NA	0.50	9.50	3311.75	
RW-2	12/09/15	3362.00	63.40	50.08	51.26	1.18	NA	1.00	9.00	3311.74	
RW-2	12/15/15	3362.00	63.40	50.13	50.68	0.55	NA	0.50	9.50	3311.79	
RW-2	12/31/15	3362.00	63.40	50.08	51.18	1.10	NA	0.50	9.50	3311.76	
RW-2	01/05/16	3362.00	63.40	50.02	50.99	0.97	NA	0.25	9.75	3311.83	
RW-2	01/19/16	3362.00	63.40	50.06	50.76	0.70	NA	1.00	9.00	3311.84	
RW-2	01/26/16	3362.00	63.40	50.13	50.65	0.52	NA	0.50	9.50	3311.79	
RW-2	02/02/16	3362.00	63.40	49.99	50.74	0.75	NA	1.00	9.00	3311.90	
RW-2	02/09/16	3362.00	63.40	50.07	50.68	0.61	NA	1.00	9.00	3311.84	
RW-2	02/17/16	3362.00	63.40	50.04	50.55	0.51	NA	0.50	9.50	3311.88	
RW-2	02/24/16	3362.00	63.40	50.10	50.56	0.46	NA	0.50	9.50	3311.83	
RW-2	03/01/16	3362.00	63.40	50.08	50.75	0.67	NA	0.50	9.50	3311.82	
RW-2	03/08/16	3362.00	63.40	49.95	50.73	0.78	NA	NA	NA	3311.93	
RW-2	03/15/16	3362.00	63.40	50.04	50.50	0.46	NA	0.50	9.50	3311.89	
RW-2	03/22/16	3362.00	63.40	49.95	50.55	0.60	NA	1.00	9.00	3311.96	
RW-2	03/29/16	3362.00	63.40	49.93	50.78	0.85	NA	1.00	9.00	3311.94	
RW-2	04/05/16	3362.00	63.40	49.99	50.52	0.53	NA	0.50	9.50	3311.93	
RW-2	04/12/16	3362.00	63.40	50.03	50.38	0.35	NA	0.50	9.50	3311.92	
RW-2	04/19/16	3362.00	63.40	50.00	50.59	0.59	NA	0.50	9.50	3311.91	
RW-2	04/27/16	3362.00	63.40	49.95	50.28	0.33	NA	0.50	9.50	3312.00	
RW-2	05/05/16	3362.00	63.40	49.93	50.49	0.56	NA	0.50	9.50	3311.99	
RW-2	05/12/16	3362.00	63.40	49.91	50.52	0.61	NA	0.50	9.50	3312.00	
RW-2	05/17/16	3362.00	63.40	49.95	50.38	0.43	NA	0.50	9.50	3311.99	Sampled
RW-2	05/26/16	3362.00	63.40	49.89	50.19	0.30	NA	0.50	9.50	3312.07	
RW-2	06/02/16	3362.00	63.40	49.90	50.15	0.25	NA	0.25	9.75	3312.06	
RW-2	06/10/16	3362.00	63.40	49.85	50.50	0.65	NA	0.50	9.50	3312.05	
RW-2	06/23/16	3362.00	63.40	49.85	50.53	0.68	NA	0.50	9.50	3312.05	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	06/27/16	3362.00	63.40	49.88	50.69	0.81	NA	1.00	9.00	3312.00	
RW-2	07/06/16	3362.00	63.40	49.88	50.74	0.86	NA	0.50	9.50	3311.99	
RW-2	07/15/16	3362.00	63.40	49.94	50.28	0.34	NA	0.50	9.50	3312.01	
RW-2	07/21/16	3362.00	63.40	49.90	50.45	0.55	NA	0.50	9.50	3312.02	
RW-2	07/26/16	3362.00	63.40	49.88	50.58	0.70	NA	1.00	9.00	3312.02	
RW-2	08/02/16	3362.00	63.40	49.96	50.30	0.34	NA	2.00	8.00	3311.99	
RW-2	08/08/16	3362.00	63.40	49.92	50.18	0.26	NA	0.50	9.50	3312.04	
RW-2	08/16/16	3362.00	63.40	49.94	50.26	0.32	NA	0.50	14.50	3312.01	
RW-2	08/23/16	3362.00	63.40	49.94	50.18	0.24	NA	0.50	9.50	3312.02	
RW-2	08/31/16	3362.00	63.40	49.95	49.96	0.01	NA	NA	NA	3312.05	
RW-2	09/07/16	3362.00	63.40	49.98	50.27	0.29	NA	0.50	9.50	3311.98	
RW-2	09/19/16	3362.00	63.40	49.96	50.29	0.33	NA	NA	NA	3311.99	
RW-2	09/27/16	3362.00	63.40	49.90	50.41	0.51	NA	0.50	9.50	3312.02	
RW-2	10/04/16	3362.00	63.40	49.85	50.12	0.27	NA	0.25	9.75	3312.11	
RW-2	10/11/16	3362.00	63.40	49.91	50.17	0.26	NA	0.50	9.50	3312.05	
RW-2	10/18/16	3362.00	63.40	49.89	50.16	0.27	NA	0.50	9.50	3312.07	
RW-2	11/02/16	3362.00	63.40	49.88	50.25	0.37	NA	0.50	9.50	3312.06	
RW-2	11/08/16	3362.00	63.40	49.86	50.15	0.29	NA	0.25	9.75	3312.10	
RW-2	11/15/16	3362.00	63.40	49.81	50.08	0.27	NA	0.25	9.75	3312.15	
RW-2	11/22/16	3362.00	63.40	49.80	50.11	0.31	NA	0.25	9.75	3312.15	
RW-2	11/30/16	3362.00	63.40	49.91	50.34	0.43	NA	0.25	9.75	3312.03	
RW-2	12/07/16	3362.00	63.40	49.87	50.12	0.25	NA	sheen	10.00	3312.09	
RW-2	12/14/16	3362.00	63.40	49.84	50.21	0.37	NA	NA	NA	3312.10	
RW-2	12/22/16	3362.00	63.40	49.80	50.40	0.60	NA	0.50	9.50	3312.11	
RW-2	12/28/16	3362.00	63.40	49.87	50.12	0.25	NA	0.50	9.50	3312.09	
RW-2	01/04/17	3362.00	63.40	49.79	49.86	0.07	NA	0.50	9.50	3312.20	
RW-2	01/10/17	3362.00	63.40	49.76	50.22	0.46	NA	0.25	9.75	3312.17	
RW-2	01/17/17	3362.00	63.40	49.81	50.33	0.52	NA	0.25	9.75	3312.11	
RW-2	01/24/17	3362.00	63.40	49.77	50.06	0.29	NA	0.25	9.75	3312.19	
RW-2	01/31/17	3362.00	63.40	49.77	50.06	0.29	NA	0.25	9.75	3312.19	
RW-2	02/07/17	3362.00	63.40	49.75	50.14	0.39	NA	0.25	9.75	3312.19	
RW-2	02/14/17	3362.00	63.40	49.80	50.08	0.28	NA	0.25	9.75	3312.16	
RW-2	02/22/17	3362.00	63.40	49.69	50.03	0.34	NA	0.50	9.50	3312.26	
RW-2	03/07/17	3362.00	63.40	49.82	50.10	0.28	NA	0.25	9.75	3312.14	
RW-2	03/14/17	3362.00	63.40	49.74	50.09	0.35	NA	0.25	9.75	3312.21	
RW-2	03/21/17	3362.00	63.40	49.70	50.12	0.42	NA	0.25	9.75	3312.24	
RW-2	03/28/17	3362.00	63.40	49.70	49.93	0.23	NA	0.25	9.75	3312.27	
RW-2	04/04/17	3362.00	63.40	49.75	49.97	0.22	NA	0.25	9.75	3312.22	
RW-2	04/11/17	3362.00	63.40	49.80	50.08	0.28	NA	0.25	9.75	3312.16	
RW-2	04/18/17	3362.00	63.40	49.76	50.02	0.26	NA	0.25	9.75	3312.20	
RW-2	04/25/17	3362.00	63.40	49.77	50.00	0.23	NA	0.25	9.75	3312.20	
RW-2	05/02/17	3362.00	63.40	49.76	50.11	0.35	NA	0.25	9.75	3312.19	
RW-2	05/08/17	3362.00	63.40	49.72	49.92	0.20	NA	NA	NA	3312.25	
RW-2	05/25/17	3362.00	63.40	49.79	50.10	0.31	NA	0.25	9.75	3312.16	
RW-2	06/01/17	3362.00	63.40	49.70	50.16	0.46	NA	0.25	9.75	3312.23	
RW-2	06/05/17	3362.00	63.40	49.69	50.08	0.39	NA	0.25	9.75	3312.25	
RW-2	06/13/17	3362.00	63.40	49.70	50.21	0.51	NA	0.25	9.75	3312.22	
RW-2	06/20/17	3362.00	63.40	49.74	50.20	0.46	NA	0.25	9.75	3312.19	
RW-2	06/27/17	3362.00	63.40	49.68	50.36	0.68	NA	0.25	9.75	3312.22	
RW-2	07/06/17	3362.00	63.40	49.75	50.32	0.57	NA	0.25	9.75	3312.16	
RW-2	07/11/17	3362.00	63.40	49.70	50.38	0.68	NA	0.25	9.75	3312.20	
RW-2	07/18/17	3362.00	63.40	49.78	50.08	0.30	NA	0.25	9.75	3312.18	
RW-2	07/25/17	3362.00	63.40	49.76	50.10	0.34	NA	0.25	9.75	3312.19	
RW-2	08/01/17	3362.00	63.40	49.81	50.12	0.31	NA	0.25	9.75	3312.14	
RW-2	08/08/17	3362.00	63.40	49.80	50.09	0.29	NA	0.25	9.75	3312.16	
RW-2	08/15/17	3362.00	63.40	49.80	50.15	0.35	NA	0.25	9.75	3312.15	
RW-2	08/22/17	3362.00	63.40	49.79	50.26	0.47	NA	0.25	9.75	3312.14	
RW-2	08/30/17	3362.00	63.40	49.80	50.21	0.41	NA	0.25	9.75	3312.14	
RW-2	09/07/17	3362.00	63.40	49.81	50.18	0.37	NA	0.25	9.75	3312.13	
RW-2	09/14/17	3362.00	63.40	49.75	50.10	0.35	NA	NA	NA	3312.20	
RW-2	09/27/17	3362.00	63.40	49.72	50.00	0.28	NA	0.25	9.75	3312.24	
RW-2	10/04/17	3362.00	63.40	49.75	49.98	0.23	NA	0.25	9.75	3312.22	
RW-2	10/12/17	3362.00	63.40	49.79	49.95	0.16	NA	0.25	9.75	3312.19	
RW-2	10/18/17	3362.00	63.40	49.80	49.99	0.19	NA	0.25	9.75	3312.17	
RW-2	10/26/17	3362.00	63.40	49.84	49.96	0.12	NA	sheen	10.00	3312.14	
RW-2	11/01/17	3362.00	63.40	49.72	49.86	0.14	NA	sheen	10.00	3312.26	
RW-2	11/09/17	3362.00	63.40	49.68	49.80	0.12	NA	sheen	10.00	3312.30	
RW-2	11/16/17	3362.00	63.40	49.69	49.84	0.15	NA	0.25	9.75	3312.29	
RW-2	11/28/17	3362.00	63.40	49.72	49.85	0.13	NA	NA	NA	3312.26	
RW-2	12/06/17	3362.00	63.40	49.70	49.96	0.26	NA	sheen	10.00	3312.26	
RW-2	12/13/17	3362.00	63.40	49.56	49.79	0.23	NA	0.25	9.75	3312.41	
RW-2	01/03/18	3362.00	63.40	49.61	49.85	0.24	NA	0.25	9.75	3312.35	
RW-2	01/10/18	3362.00	63.40	49.54	49.80	0.26	NA	0.25	9.75	3312.42	
RW-2	01/17/18	3362.00	63.40	49.63	49.84	0.21	NA	1.50	8.50	3312.34	
RW-2	01/25/18	3362.00	63.40	49.50	49.66	0.16	NA	1.00	9.00	3312.48	
RW-2	02/01/18	3362.00	63.40	49.51	49.64	0.13	NA	1.00	9.00	3312.47	
RW-2	02/14/18	3362.00	63.40	49.48	49.58	0.10	NA	sheen	10.00	3312.51	
RW-2	02/21/18	3362.00	63.40	49.48	49.59	0.11	NA	sheen	10.00	3312.50	
RW-2	02/28/18	3362.00	63.40	49.41	49.62	0.21	NA	sheen	10.00	3312.56	
RW-2	03/06/18	3362.00	63.40	49.45	49.55	0.10	NA	NA	NA	3312.54	
RW-2	03/15/18	3362.00	63.40	49.42	49.57	0.15	NA	sheen	10.00	3312.56	
RW-2	03/22/18	3362.00	63.40	49.51	49.60	0.09	NA	sheen	10.00	3312.48	
RW-2	03/28/18	3362.00	63.40	49.49	49.79	0.30	NA	0.25	9.75	3312.47	
RW-2	04/04/18	3362.00	63.40	49.52	49.62	0.10	NA	sheen	10.00	3312.47	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	04/11/18	3362.00	63.40	49.50	49.59	0.09	NA	sheen	10.00	3312.49	
RW-2	04/19/18	3362.00	63.40	49.46	49.59	0.13	NA	sheen	10.00	3312.52	
RW-2	04/24/18	3362.00	63.40	49.51	49.60	0.09	NA	sheen	10.00	3312.48	
RW-2	05/02/18	3362.00	63.40	49.40	49.49	0.09	NA	sheen	10.00	3312.59	
RW-2	05/09/18	3362.00	63.40	49.43	49.50	0.07	NA	sheen	10.00	3312.56	
RW-2	05/15/18	3362.00	63.40	49.41	49.49	0.08	NA	sheen	10.00	3312.58	
RW-2	05/22/18	3362.00	63.40	49.39	49.47	0.08	NA	sheen	10.00	3312.60	
RW-2	05/30/18	3362.00	63.40	49.42	49.50	0.08	NA	sheen	10.00	3312.57	Sampled
RW-2	06/12/18	3362.00	63.40	49.39	49.60	0.21	NA	0.25	9.25	3312.58	
RW-2	06/19/18	3362.00	63.40	49.41	49.58	0.17	NA	0.25	9.25	3312.56	
RW-2	06/29/18	3362.00	63.40	49.44	49.60	0.16	NA	0.25	9.75	3312.54	
RW-2	07/05/18	3362.00	63.40	49.40	49.55	0.15	NA	0.25	9.75	3312.58	
RW-2	07/11/18	3362.00	63.40	49.46	49.60	0.14	NA	0.25	9.75	3312.52	
RW-2	07/18/18	3362.00	63.40	49.30	49.58	0.28	NA	sheen	10.00	3312.66	
RW-2	07/26/18	3362.00	63.40	49.32	49.62	0.30	NA	0.25	9.75	3312.64	
RW-2	07/31/18	3362.00	63.40	49.31	49.56	0.25	NA	sheen	10.00	3312.65	
RW-2	08/07/18	3362.00	63.40	49.27	49.52	0.25	NA	0.25	9.75	3312.69	
RW-2	08/14/18	3362.00	63.40	49.26	49.58	0.32	NA	0.25	9.75	3312.69	
RW-2	08/21/18	3362.00	63.40	49.25	49.55	0.30	NA	0.25	9.75	3312.71	
RW-2	08/30/18	3362.00	63.40	49.31	49.50	0.19	NA	0.25	9.75	3312.66	
RW-2	09/05/18	3362.00	63.40	49.35	49.59	0.24	NA	0.25	9.75	3312.61	
RW-2	09/18/18	3362.00	63.40	49.25	49.49	0.24	NA	0.25	9.75	3312.71	
RW-2	09/26/18	3362.00	63.40	49.30	49.51	0.21	NA	0.25	9.75	3312.67	
RW-2	10/03/18	3362.00	63.40	49.30	49.56	0.26	NA	0.25	9.75	3312.66	
RW-2	10/11/18	3362.00	63.40	49.25	49.55	0.30	NA	0.25	9.75	3312.71	
RW-2	10/17/18	3362.00	63.40	48.96	49.11	0.15	NA	0.25	9.75	3313.02	
RW-2	10/24/18	3362.00	63.40	49.00	49.22	0.22	NA	sheen	10.00	3312.97	
RW-2	10/31/18	3362.00	63.40	49.16	49.42	0.26	NA	0.25	9.75	3312.80	
RW-2	11/06/18	3362.00	63.40	49.22	49.40	0.18	NA	0.25	9.75	3312.75	
RW-2	11/13/18	3362.00	63.40	49.25	49.47	0.22	NA	0.25	9.75	3312.72	
RW-2	11/21/18	3362.00	63.40	49.18	49.40	0.22	NA	0.25	9.75	3312.79	
RW-2	11/27/18	3362.00	63.40	49.20	49.48	0.28	NA	0.25	9.75	3312.76	
RW-2	12/72018	3362.00	63.40	49.21	49.41	0.20	NA	0.25	9.75	3312.76	
RW-2	12/12/18	3362.00	63.40	49.25	49.51	0.26	NA	0.25	9.75	3312.71	
RW-2	12/18/18	3362.00	63.40	49.20	49.55	0.35	NA	0.25	9.75	3312.75	
RW-2	01/03/19	3362.00	63.40	49.21	49.56	0.35	NA	0.25	9.75	3312.74	
RW-2	01/08/19	3362.00	63.40	49.19	49.58	0.39	NA	0.50	9.50	3312.75	
RW-2	01/29/19	3362.00	63.40	49.15	49.90	0.75	NA	sheen	10.00	3312.74	
RW-2	02/05/19	3362.00	63.40	49.18	49.32	0.14	NA	0.25	9.75	3312.80	Sampled
RW-2	02/12/19	3362.00	63.40	49.18	49.40	0.22	NA	0.25	9.25	3312.79	
RW-2	02/27/19	3362.00	63.40	49.15	49.38	0.23	NA	0.25	9.25	3312.82	
RW-2	03/06/19	3362.00	63.40	49.18	49.40	0.22	NA	0.25	9.75	3312.79	
RW-2	03/12/19	3362.00	63.40	49.20	49.40	0.20	NA	sheen	10.00	3312.77	
RW-2	03/21/19	3362.00	63.40	49.19	49.41	0.22	NA	0.25	9.75	3312.78	
RW-2	03/28/19	3362.00	63.40	49.26	49.49	0.23	NA	sheen	10.00	3312.71	
RW-2	04/02/19	3362.00	63.40	49.20	49.44	0.24	NA	0.25	9.75	3312.76	
RW-2	04/10/19	3362.00	63.40	49.17	49.36	0.19	NA	sheen	10.00	3312.80	
RW-2	04/16/19	3362.00	63.40	49.19	49.42	0.23	NA	0.25	9.75	3312.78	
RW-2	04/24/19	3362.00	63.40	49.21	49.40	0.19	NA	0.25	9.75	3312.76	
RW-2	05/01/19	3362.00	63.40	48.90	49.12	0.22	NA	0.25	9.75	3313.07	
RW-2	05/08/19	3362.00	63.40	49.00	49.11	0.12	NA	sheen	10.00	3312.99	
RW-2	05/17/19	3362.00	63.40	48.99	49.15	0.16	NA	sheen	10.00	3312.99	
RW-2	05/24/19	3362.00	63.40	49.01	49.18	0.17	NA	sheen	10.00	3312.96	
RW-2	06/05/19	3362.00	63.40	48.89	48.94	0.05	NA	sheen	10.00	3313.10	
RW-2	06/14/19	3362.00	63.40	48.88	48.99	0.11	NA	0.50	9.50	3313.10	
RW-2	06/20/19	3362.00	63.40	48.91	48.97	0.06	NA	sheen	9.75	3313.08	
RW-2	06/25/19	3362.00	63.40	48.92	49.10	0.18	NA	0.50	9.50	3313.05	
RW-2	07/02/19	3362.00	63.40	48.95	49.10	0.15	NA	sheen	10.00	3313.03	
RW-2	07/10/19	3362.00	63.40	48.93	49.10	0.17	NA	0.25	9.75	3313.04	
RW-2	07/26/19	3362.00	63.40	48.86	48.88	0.02	NA	sheen	10.00	3313.14	
RW-2	08/11/19	3362.00	63.40	48.94	49.27	0.33	NA	0.25	9.75	3313.01	
RW-2	08/14/19	3362.00	63.40	48.96	49.21	0.25	NA	0.25	9.75	3313.00	
RW-2	08/21/19	3362.00	63.40	48.98	48.99	0.01	NA	sheen	10.00	3313.02	
RW-2	09/06/19	3362.00	63.40	48.95	49.12	0.17	NA	0.25	9.75	3313.02	
RW-2	09/12/19	3362.00	63.40	48.98	49.15	0.17	NA	0.25	9.75	3312.99	
RW-2	09/19/19	3362.00	63.40	48.92	49.12	0.20	NA	1.00	9.00	3313.05	
RW-2	09/26/19	3362.00	63.40	49.30	49.51	0.21	NA	0.25	9.75	3312.67	
RW-2	10/16/19	3362.00	63.40	48.26	49.25	0.99	NA	0.25	9.75	3313.59	
RW-2	10/23/19	3362.00	63.40	48.95	49.05	0.10	NA	sheen	10.00	3313.04	
RW-2	10/31/19	3362.00	63.40	48.98	49.12	0.14	NA	sheen	10.00	3313.00	
RW-2	11/05/19	3362.00	63.40	48.91	49.04	0.13	NA	NA	NA	3313.07	
RW-2	11/14/19	3362.00	63.40	48.94	48.98	0.04	NA	0.25	9.75	3313.05	
RW-2	11/26/19	3362.00	63.40	48.80	49.05	0.25	NA	0.25	9.75	3313.16	
RW-2	12/03/19	3362.00	63.40	48.89	49.13	0.24	NA	sheen	10.00	3313.07	
RW-2	12/13/19	3362.00	63.40	48.91	49.14	0.23	NA	sheen	10.00	3313.06	
RW-2	12/20/19	3362.00	63.40	48.90	49.00	0.10	NA	sheen	10.00	3313.09	
RW-2	12/26/19	3362.00	63.40	48.88	48.92	0.04	NA	sheen	10.00	3313.11	
RW-2	01/02/20	3362.00	63.40	48.91	49.00	0.09	NA	0.25	9.75	3313.07	
RW-2	01/09/20	3362.00	63.40	48.95	49.03	0.08	NA	0.25	9.75	3313.04	
RW-2	01/14/20	3362.00	63.40	48.97	49.02	0.05	NA	0.25	9.75	3313.02	
RW-2	01/31/20	3362.00	63.40	48.83	48.97	0.14	NA	0.25	9.75	3313.15	
RW-2	02/07/20	3362.00	63.40	48.82	48.89	0.07	NA	0.25	9.75	3313.17	
RW-2	02/12/20	3362.00	63.40	48.78	48.90	0.12	NA	0.25	9.75	3313.20	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-2	02/19/20	3362.00	63.40	48.86	48.93	0.07	NA	0.25	9.75	3313.13	
RW-2	02/26/20	3362.00	63.40	48.81	48.88	0.07	NA	0.25	9.75	3313.18	
RW-2	03/05/20	3362.00	63.40	48.78	48.82	0.04	NA	0.25	9.75	3313.21	
RW-2	03/11/20	3362.00	63.40	48.80	48.92	0.12	NA	0.25	9.75	3313.18	
RW-2	03/17/20	3362.00	63.40	48.74	48.85	0.11	NA	0.25	9.75	3313.24	
RW-2	03/23/20	3362.00	63.40	48.72	48.80	0.08	NA	0.25	9.75	3313.27	
RW-2	05/07/20	3362.00	63.40	48.68	48.98	0.30	NA	NA	NA	3313.28	guage only
RW-2	05/20/20	3362.00	63.40	48.65	49.00	0.35	NA	1.00	9.00	3313.30	
RW-2	06/03/20	3362.00	63.40	48.63	48.68	0.05	NA	sheen	10.00	3313.36	
RW-2	06/16/20	3362.00	63.40	48.68	48.76	0.08	NA	0.25	9.75	3313.31	
RW-2	07/14/20	3362.00	63.40	48.64	48.81	0.17	NA	1.00	9.00	3313.33	
RW-2	08/18/20	3362.00	63.40	48.65	48.70	0.05	NA	0.25	9.75	3313.34	
RW-2	09/16/20	3362.00	63.40	48.69	48.80	0.11	NA	1.00	9.00	3313.29	
RW-2	10/08/20	3362.00	63.40	48.72	48.80	0.08	NA	sheen	10.00	3313.27	
RW-2	11/20/20	3362.00	63.40	48.66	48.70	0.04	NA	0.25	9.75	3313.33	
RW-2	12/04/20	3362.00	63.40	48.61	48.68	0.07	NA	0.25	9.75	3313.38	
RW-2	12/22/20	3362.00	63.40	48.68	48.75	0.07	NA	0.25	9.75	3313.31	
RW-3	03/28/06	3361.93	63.85	50.22	50.41	0.19	NA	NA	NA	3311.68	
RW-3	03/29/06	3361.93	NG	50.20	50.37	0.17	NA	NA	NA	3311.70	
RW-3	04/13/06	3361.93	NG	50.02	51.04	1.02	Hand Bailed	2.00	0.00	3311.76	
RW-3	04/13/06	3361.93	NG	50.32	50.37	0.05	NA	NA	NA	3311.60	
RW-3	04/25/06	3361.93	NG	50.15	51.00	0.85	Hand Bailed	2.00	0.00	3311.65	
RW-3	04/25/06	3361.93	NG	51.25	51.30	0.05	NA	NA	NA	3310.67	
RW-3	05/03/06	3361.93	NG	50.10	50.81	0.71	Hand Bailed	3.00	0.00	3311.72	
RW-3	05/03/06	3361.93	NG	50.15	50.31	0.16	NA	NA	NA	3311.76	
RW-3	05/11/06	3361.93	NG	50.18	50.91	0.73	Hand Bailed	0.75	0.00	3311.64	
RW-3	05/11/06	3361.93	NG	51.01	51.08	0.07	NA	NA	NA	3310.91	
RW-3	05/24/06	3361.93	NG	50.13	50.81	0.68	Hand Bailed	0.75	0.00	3311.70	
RW-3	05/24/06	3361.93	NG	51.96	52.00	0.04	NA	NA	NA	3309.96	
RW-3	06/07/06	3361.93	NG	50.17	50.90	0.73	Hand Bailed	1.00	0.00	3311.65	
RW-3	06/07/06	3361.93	NG	50.50	50.65	0.15	NA	NA	NA	3311.41	
RW-3	06/15/06	3361.93	NG	50.13	50.63	0.50	NA	NA	NA	3311.73	
RW-3	06/29/06	3361.93	NG	50.14	50.96	0.82	Hand Bailed	1.00	0.00	3311.67	
RW-3	06/29/06	3361.93	NG	50.53	50.58	0.05	NA	NA	NA	3311.39	
RW-3	07/11/06	3361.93	NG	50.12	50.61	0.49	NA	NA	NA	3311.74	
RW-3	07/11/06	3361.93	NG	50.12	50.50	0.38	NA	NA	NA	3311.75	
RW-3	07/25/06	3361.93	NG	50.22	50.54	0.32	Hand Bailed	0.50	0.00	3311.66	
RW-3	07/25/06	3361.93	NG	50.55	50.60	0.05	NA	NA	NA	3311.37	
RW-3	08/09/06	3361.93	64.00	50.38	50.55	0.17	NA	NA	NA	3311.52	
RW-3	08/22/06	3361.93	NG	50.22	50.77	0.55	Hand Bailed	0.75	9.25	3311.63	
RW-3	08/22/06	3361.93	NG	50.79	50.84	0.05	NA	NA	NA	3311.13	
RW-3	09/12/06	3361.93	64.42	49.55	50.12	0.57	NA	NA	NA	3312.29	
RW-3	09/19/06	3361.93	NG	50.30	50.65	0.35	Hand Bailed	0.50	9.50	3311.58	
RW-3	09/19/06	3361.93	NG	51.08	51.10	0.02	NA	NA	NA	3310.85	
RW-3	10/03/06	3361.93	NG	50.16	50.56	0.40	Hand Bailed	0.50	9.50	3311.71	
RW-3	10/03/06	3361.93	NG	51.13	51.16	0.03	NA	NA	NA	3310.80	Installed Sock
RW-3	10/17/06	3361.93	NG	50.12	50.48	0.36	Hand Bailed	50.00	4.50	3311.76	
RW-3	10/17/06	3361.93	NG	50.16	50.18	0.02	NA	NA	NA	3311.77	Removed sock
RW-3	10/31/06	3361.93	NG	50.07	51.13	1.06	Hand Bailed	1.50	3.50	3311.70	
RW-3	10/31/06	3361.93	NG	50.08	50.15	0.07	NA	NA	NA	3311.84	Installed Sock
RW-3	11/15/06	3361.93	NG	50.24	50.62	0.38	Hand Bailed	0.50	9.50	3311.63	
RW-3	11/15/06	3361.93	NG	50.42	50.46	0.04	NA	NA	NA	3311.50	Removed sock
RW-3	12/06/06	3361.42	NG	49.93	51.10	1.17	NA	NA	NA	3311.31	No Sock
RW-3	12/13/06	3361.42	NG	49.91	51.13	1.22	Hand Bailed	1.50	3.50	3311.33	
RW-3	12/13/06	3361.42	NG	52.51	52.56	0.05	NA	NA	NA	3308.90	No Sock
RW-3	12/20/06	3361.42	NG	49.85	51.28	1.43	Hand Bailed	0.50	9.50	3311.36	
RW-3	12/20/06	3361.42	NG	50.15	50.20	0.05	NA	NA	NA	3311.26	No Sock
RW-3	12/27/06	3361.42	NG	49.89	50.98	1.09	Hand Bailed	1.50	3.50	3311.37	
RW-3	12/27/06	3361.42	NG	ND	52.90	ND	NA	NA	NA	3308.52	No Sock
RW-3	01/03/07	3361.42	NG	49.93	51.00	1.07	Hand Bailed	1.00	9.00	3311.33	
RW-3	01/03/07	3361.42	NG	50.33	50.38	0.05	NA	NA	NA	3311.08	No Sock
RW-3	01/09/07	3361.42	NG	50.00	50.98	0.98	Hand Bailed	1.25	3.75	3311.27	
RW-3	01/09/07	3361.42	NG	50.96	50.98	0.02	NA	NA	NA	3310.46	No Sock
RW-3	01/18/07	3361.42	NG	49.82	50.85	1.03	Hand Bailed	1.50	8.50	3311.45	
RW-3	01/18/07	3361.42	NG	50.45	50.50	0.05	NA	NA	NA	3310.96	No Sock
RW-3	01/22/07	3361.42	NG	49.82	50.67	0.85	Hand Bailed	1.50	8.50	3311.47	
RW-3	01/22/07	3361.42	NG	50.33	50.35	0.02	NA	NA	NA	3311.09	No Sock
RW-3	02/01/07	3361.42	NG	49.80	50.63	0.83	Hand Bailed	2.00	8.00	3311.50	
RW-3	02/01/07	3361.42	NG	50.63	50.68	0.05	NA	NA	NA	3310.78	No Sock
RW-3	02/07/07	3361.42	NG	49.69	49.96	0.27	Hand Bailed	1.50	8.50	3311.69	
RW-3	02/07/07	3361.42	NG	49.91	49.94	0.03	NA	NA	NA	3311.51	No Sock
RW-3	02/14/07	3361.42	NG	49.70	49.97	0.27	Hand Bailed	0.75	9.00	3311.68	
RW-3	02/14/07	3361.42	NG	ND	49.95	ND	NA	NA	NA	3311.47	No Sock
RW-3	02/21/07	3361.42	NG	49.66	49.96	0.30	Hand Bailed	0.50	9.00	3311.72	
RW-3	02/28/07	3361.42	NG	ND	49.99	ND	NA	NA	NA	3311.43	No Sock
RW-3	03/07/07	3361.42	NG	49.78	51.05	1.27	Hand Bailed	1.50	4.00	3311.45	
RW-3	03/07/07	3361.42	NG	50.35	50.40	0.05	NA	NA	NA	3311.06	No Sock
RW-3	03/14/07	3361.42	NG	49.74	50.78	1.04	Hand Bailed	1.00	2.00	3311.52	
RW-3	03/14/07	3361.42	NG	49.97	50.07	0.10	NA	NA	NA	3311.44	No Sock
RW-3	03/21/07	3361.42	NG	49.78	50.80	1.02	Hand Bailed	1.00	1.00	3311.49	
RW-3	03/21/07	3361.42	NG	49.92	49.98	0.06	NA	NA	NA	3311.49	No Sock
RW-3	03/28/07	3361.42	NG	49.69	50.82	1.13	Hand Bailed	0.75	0.75	3311.56	
RW-3	03/28/07	3361.42	NG	50.02	50.07	0.05	NA	NA	NA	3311.39	No Sock

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	04/03/07	3361.42	NG	49.78	50.78	1.00	Hand Bailed	1.00	0.25	3311.49	
RW-3	04/03/07	3361.42	NG	49.98	50.25	0.27	NA	NA	NA	3311.40	No Sock
RW-3	04/10/07	3361.42	NG	49.74	50.88	1.14	Hand Bailed	0.75	0.50	3311.51	
RW-3	04/10/07	3361.42	NG	50.15	50.20	0.05	NA	NA	NA	3311.26	No Sock
RW-3	04/18/07	3361.42	NG	49.75	50.86	1.11	Hand Bailed	1.00	8.50	3311.50	
RW-3	04/18/07	3361.42	NG	50.06	50.15	0.09	NA	NA	NA	3311.35	No Sock
RW-3	04/24/07	3361.42	NG	49.51	50.99	1.48	Hand Bailed	1.00	8.50	3311.69	
RW-3	04/24/07	3361.42	NG	50.12	50.29	0.17	NA	NA	NA	3311.27	No Sock
RW-3	05/03/07	3361.42	NG	49.63	50.78	1.15	Hand Bailed	1.00	9.00	3311.62	
RW-3	05/03/07	3361.42	NG	50.02	50.10	0.08	NA	NA	NA	3311.39	No Sock
RW-3	05/11/07	3361.42	NG	49.73	50.76	1.03	Hand Bailed	1.00	9.00	3311.54	
RW-3	05/11/07	3361.42	NG	ND	50.48	ND	NA	NA	NA	3310.94	No Sock
RW-3	05/16/07	3361.42	NG	49.80	50.47	0.67	Hand Bailed	0.50	9.00	3311.52	
RW-3	05/16/07	3361.42	NG	ND	50.25	ND	NA	NA	NA	3311.17	No Sock
RW-3	05/23/07	3361.42	NG	49.69	50.31	0.62	Hand Bailed	0.50	9.50	3311.64	
RW-3	05/23/07	3361.42	NG	50.50	50.52	0.02	NA	NA	NA	3310.92	No Sock
RW-3	05/31/07	3361.42	NG	49.68	50.10	0.42	Hand Bailed	0.50	9.50	3311.68	
RW-3	05/31/07	3361.42	NG	50.50	50.52	0.02	NA	NA	NA	3310.92	No Sock
RW-3	06/06/07	3361.42	63.83	49.20	50.24	1.04	Hand Bailed	0.75	9.00	3312.06	
RW-3	06/06/07	3361.42	63.83	ND	50.38	ND	NA	NA	NA	3311.04	No Sock
RW-3	06/13/07	3361.42	63.83	49.75	50.22	0.47	Hand Bailed	0.75	9.00	3311.60	
RW-3	06/13/07	3361.42	63.83	ND	50.30	ND	NA	NA	NA	3311.12	No Sock
RW-3	06/19/07	3361.42	63.83	49.72	50.38	0.66	Hand Bailed	0.75	9.00	3311.60	
RW-3	06/19/07	3361.42	63.83	50.10	50.12	0.02	NA	NA	NA	3311.32	No Sock
RW-3	06/27/07	3361.42	63.83	49.71	50.26	0.55	Hand Bailed	0.50	9.00	3311.63	
RW-3	06/27/07	3361.42	63.83	ND	50.36	ND	NA	NA	NA	3311.06	No Sock
RW-3	07/05/07	3361.42	63.75	49.67	50.25	0.58	Hand Bailed	0.50	9.00	3311.66	
RW-3	07/05/07	3361.42	63.75	ND	50.00	ND	NA	NA	NA	3311.42	No Sock
RW-3	07/11/07	3361.42	63.75	49.69	50.31	0.62	Hand Bailed	0.75	8.50	3311.64	
RW-3	07/11/07	3361.42	63.75	ND	50.38	ND	NA	NA	NA	3311.04	No Sock
RW-3	07/19/07	3361.42	63.75	49.69	50.12	0.43	Hand Bailed	0.50	8.50	3311.67	
RW-3	07/19/07	3361.42	63.75	ND	50.21	ND	NA	NA	NA	3311.21	No Sock
RW-3	07/24/07	3361.42	63.75	49.61	50.18	0.57	Hand Bailed	0.75	9.00	3311.72	
RW-3	07/24/07	3361.42	63.75	50.18	50.20	0.02	NA	NA	NA	3311.24	No Sock
RW-3	07/31/07	3361.42	63.79	49.68	50.30	0.62	Hand Bailed	0.75	9.00	3311.65	
RW-3	07/31/07	3361.42	63.79	50.18	50.20	0.02	NA	NA	NA	3311.24	No Sock
RW-3	08/09/07	3361.42	63.79	ND	50.49	ND	Hand Bailed	0.75	9.00	3310.93	
RW-3	08/09/07	3361.42	63.79	50.45	50.47	0.02	NA	NA	NA	3310.97	No Sock
RW-3	08/16/07	3361.42	63.79	49.81	50.48	0.67	Hand Bailed	0.50	9.00	3311.51	
RW-3	08/16/07	3361.42	63.79	ND	50.41	ND	NA	NA	NA	3311.01	No Sock
RW-3	08/22/07	3361.42	63.79	49.73	50.56	0.83	Hand Bailed	0.75	9.00	3311.57	
RW-3	08/22/07	3361.42	63.79	50.48	50.50	0.02	NA	NA	NA	3310.94	No Sock
RW-3	08/28/07	3361.42	63.79	49.98	50.71	0.73	Hand Bailed	0.75	9.00	3311.33	
RW-3	08/28/07	3361.42	63.79	50.60	50.62	0.02	NA	NA	NA	3310.82	No Sock
RW-3	09/06/07	3361.42	63.79	49.68	50.22	0.54	Hand Bailed	0.50	9.00	3311.66	
RW-3	09/06/07	3361.42	63.79	ND	50.26	ND	NA	NA	NA	3311.16	No Sock
RW-3	09/13/07	3361.42	63.79	49.72	50.25	0.53	Hand Bailed	0.50	9.00	3311.62	
RW-3	09/13/07	3361.42	63.79	50.28	50.31	0.03	NA	NA	NA	3311.14	No Sock
RW-3	09/18/07	3361.42	63.79	49.70	50.20	0.50	Hand Bailed	0.50	9.00	3311.65	
RW-3	09/18/07	3361.42	63.79	ND	50.26	ND	NA	NA	NA	3311.16	No Sock
RW-3	09/26/07	3361.42	63.79	49.78	50.28	0.50	Hand Bailed	0.50	9.00	3311.57	
RW-3	09/26/07	3361.42	63.79	50.43	50.46	0.03	NA	NA	NA	3310.99	No Sock
RW-3	10/04/07	3361.42	63.79	49.84	50.39	0.55	Hand Bailed	0.50	9.00	3311.50	
RW-3	10/04/07	3361.42	63.79	50.52	50.58	0.06	NA	NA	NA	3310.89	No Sock
RW-3	10/10/07	3361.42	63.79	49.75	50.22	0.47	Hand Bailed	0.50	9.00	3311.60	
RW-3	10/10/07	3361.42	63.79	50.36	50.39	0.03	NA	NA	NA	3311.06	No Sock
RW-3	10/17/07	3361.42	63.79	49.72	50.24	0.52	Hand Bailed	0.50	9.00	3311.62	
RW-3	10/17/07	3361.42	63.79	50.30	50.34	0.04	NA	NA	NA	3311.11	No Sock
RW-3	10/24/07	3361.42	63.79	49.76	50.16	0.40	Hand Bailed	0.50	50.00	3311.60	
RW-3	10/24/07	3361.42	63.79	ND	50.10	ND	NA	NA	NA	3311.32	No Sock
RW-3	10/31/07	3361.42	63.79	49.78	49.90	0.12	Hand Bailed	0.50	10.00	3311.62	
RW-3	10/31/07	3361.42	63.79	ND	50.32	ND	NA	NA	NA	3311.10	No Sock
RW-3	11/07/07	3361.42	63.79	49.26	49.28	0.02	Hand Bailed	0.25	9.00	3312.16	
RW-3	11/07/07	3361.42	63.79	50.20	50.24	0.04	NA	NA	NA	3311.21	No Sock
RW-3	11/13/07	3361.42	63.79	49.78	49.94	0.16	NA	NA	NA	3311.62	Installed Sock
RW-3	11/20/07	3361.42	63.79	49.88	49.90	0.02	NA	NA	NA	3311.54	Flipped Sock
RW-3	11/27/07	3361.42	63.79	49.91	49.93	0.02	Hand Bailed	0.25	8.00	3311.51	
RW-3	11/27/07	3361.42	63.79	ND	50.20	ND	NA	NA	NA	3311.22	Sock
RW-3	12/05/07	3361.42	63.79	49.60	49.61	0.01	Hand Bailed	0.25	8.00	3311.82	
RW-3	12/05/07	3361.42	63.79	ND	49.89	ND	NA	NA	NA	3311.53	New sock
RW-3	12/12/07	3361.42	63.79	49.57	49.59	0.02	Hand Bailed	0.25	8.00	3311.85	
RW-3	12/12/07	3361.42	63.79	ND	49.62	ND	NA	NA	NA	3311.80	Sock
RW-3	12/18/07	3361.42	63.79	ND	49.96	ND	Hand Bailed	0.00	10.00	3311.46	
RW-3	12/18/07	3361.42	63.79	ND	51.58	ND	NA	NA	NA	3309.84	New sock
RW-3	12/27/07	3361.42	63.79	ND	49.84	ND	Hand Bailed	0.00	9.00	3311.58	
RW-3	12/27/07	3361.42	63.79	ND	51.58	ND	NA	NA	NA	3309.84	New sock
RW-3	01/03/08	3361.42	63.79	ND	49.87	ND	Hand Bailed	0.00	5.00	3311.55	
RW-3	01/03/08	3361.42	63.79	ND	50.29	ND	NA	NA	NA	3311.13	New sock
RW-3	01/09/08	3361.42	63.79	ND	49.90	ND	Hand Bailed	0.00	10.00	3311.52	
RW-3	01/09/08	3361.42	63.79	ND	51.75	ND	NA	NA	NA	3309.67	New sock
RW-3	01/17/08	3361.42	63.79	ND	49.85	ND	Hand Bailed	0.00	10.00	3311.57	
RW-3	01/17/08	3361.42	63.79	ND	51.12	ND	NA	NA	NA	3310.30	New sock
RW-3	01/23/08	3361.42	63.79	ND	49.88	ND	NA	NA	NA	3311.54	New sock
RW-3	01/30/08	3361.42	63.79	ND	49.81	ND	Hand Bailed	0.00	20.00	3311.61	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	01/30/08	3361.42	63.79	ND	51.68	ND	NA	NA	NA	3309.74	Sock
RW-3	02/06/08	3361.42	63.79	ND	49.82	ND	Hand Bailed	0.00	20.00	3311.60	
RW-3	02/06/08	3361.42	63.79	ND	51.60	ND	NA	NA	NA	3309.82	Sock
RW-3	02/13/08	3361.42	63.79	ND	49.81	ND	Hand Bailed	0.00	20.00	3311.61	
RW-3	02/13/08	3361.42	63.79	ND	51.50	ND	NA	NA	NA	3309.92	New sock
RW-3	02/18/08	3361.42	63.79	ND	49.80	ND	Hand Bailed	0.00	20.00	3311.62	
RW-3	02/18/08	3361.42	63.79	ND	50.58	ND	NA	NA	NA	3310.84	New sock
RW-3	02/27/08	3361.42	63.79	ND	49.87	ND	Hand Bailed	0.00	20.00	3311.55	
RW-3	02/27/08	3361.42	63.79	ND	49.75	ND	NA	NA	NA	3311.67	New sock
RW-3	03/04/08	3361.42	63.79	ND	48.78	ND	Hand Bailed	0.00	20.00	3312.64	
RW-3	03/04/08	3361.42	63.79	ND	50.82	ND	NA	NA	NA	3310.60	New sock
RW-3	03/12/08	3361.42	63.79	ND	49.87	ND	Hand Bailed	0.00	20.00	3311.55	
RW-3	03/12/08	3361.42	63.79	ND	51.45	ND	NA	NA	NA	3309.97	New sock
RW-3	03/19/08	3361.42	63.79	ND	49.90	ND	Hand Bailed	0.00	20.00	3311.52	
RW-3	03/19/08	3361.42	63.79	ND	51.83	ND	NA	NA	NA	3309.59	New sock
RW-3	03/26/08	3361.42	63.79	ND	49.85	ND	Hand Bailed	0.00	20.00	3311.57	
RW-3	03/26/08	3361.42	63.79	ND	51.05	ND	NA	NA	NA	3310.37	New sock
RW-3	04/02/08	3361.42	63.79	ND	49.98	ND	Hand Bailed	0.00	20.00	3311.44	
RW-3	04/02/08	3361.42	63.79	ND	50.43	ND	NA	NA	NA	3310.99	Pump
RW-3	04/09/08	3361.42	63.79	ND	49.74	ND	Hand Bailed	0.00	20.00	3311.68	
RW-3	04/09/08	3361.42	63.79	ND	50.99	ND	NA	NA	NA	3310.43	Pump
RW-3	04/16/08	3361.42	63.79	ND	49.78	ND	Hand Bailed	0.00	20.00	3311.64	
RW-3	04/16/08	3361.42	63.79	ND	50.65	ND	NA	NA	NA	3310.77	Pump
RW-3	04/24/08	3361.42	63.79	ND	49.85	ND	NA	NA	NA	3311.57	
RW-3	04/30/08	3361.42	63.79	ND	49.84	ND	Pumped	0.00	20.00	3311.58	
RW-3	04/30/08	3361.42	63.79	ND	51.80	ND	NA	NA	NA	3309.62	
RW-3	05/07/08	3361.42	63.79	ND	49.89	ND	Pumped	0.00	20.00	3311.53	
RW-3	05/07/08	3361.42	63.79	50.26	51.80	1.54	NA	NA	NA	3310.93	Sock
RW-3	05/14/08	3361.42	63.79	49.86	49.94	0.08	Pumped	0.25	19.00	3311.55	
RW-3	05/14/08	3361.42	63.79	ND	50.41	ND	NA	NA	NA	3311.01	Sock
RW-3	05/22/08	3361.42	63.79	49.91	49.92	0.01	Pumped	0.00	20.00	3311.51	
RW-3	05/22/08	3361.42	63.77	ND	50.30	ND	NA	NA	NA	3311.12	Sock
RW-3	05/28/08	3361.42	63.77	50.00	50.25	0.25	Pumped	0.50	26.50	3311.38	
RW-3	05/28/08	3361.42	63.77	ND	50.50	ND	NA	NA	NA	3310.92	New sock
RW-3	06/04/08	3361.42	63.77	50.07	50.22	0.15	Pumped	0.50	19.00	3311.33	
RW-3	06/04/08	3361.42	63.77	ND	50.86	ND	NA	NA	NA	3310.56	New sock
RW-3	06/11/08	3361.42	63.77	50.11	50.27	0.16	Pumped	0.50	19.00	3311.29	
RW-3	06/11/08	3361.42	63.77	ND	50.92	ND	NA	NA	NA	3310.50	New sock
RW-3	06/18/08	3361.42	63.77	50.10	50.27	0.17	Pumped	0.50	19.00	3311.29	
RW-3	06/18/08	3361.42	63.77	ND	51.03	ND	NA	NA	NA	3310.39	New sock
RW-3	06/26/08	3361.42	63.77	50.18	50.23	0.05	Pumped	0.50	19.00	3311.23	
RW-3	06/26/08	3361.42	63.77	ND	51.51	ND	NA	NA	NA	3309.91	New sock
RW-3	07/02/08	3361.42	63.77	50.21	50.22	0.01	Pumped	0.25	19.00	3311.21	
RW-3	07/02/08	3361.42	63.77	ND	51.03	ND	NA	NA	NA	3310.39	New sock
RW-3	07/07/08	3361.42	63.77	ND	50.03	ND	Pumped	0.00	20.00	3311.39	
RW-3	07/07/08	3361.42	63.77	ND	50.26	ND	NA	NA	NA	3311.16	New sock
RW-3	07/16/08	3361.42	63.77	ND	50.10	ND	Pumped	0.00	20.00	3311.32	
RW-3	07/16/08	3361.42	63.77	ND	50.53	ND	NA	NA	NA	3310.89	Flipped Sock
RW-3	07/22/08	3361.42	63.77	50.11	50.14	0.03	Pumped	0.00	20.00	3311.31	
RW-3	07/22/08	3361.42	63.77	ND	50.63	ND	NA	NA	NA	3310.79	New sock
RW-3	07/29/08	3361.42	63.77	50.16	50.17	0.01	Pumped	0.00	20.00	3311.26	
RW-3	07/29/08	3361.42	63.77	ND	51.39	ND	NA	NA	NA	3310.03	Sock
RW-3	08/06/08	3361.42	63.77	ND	50.15	ND	Pumped	0.00	20.00	3311.27	
RW-3	08/06/08	3361.42	63.77	ND	50.81	ND	NA	NA	NA	3310.61	Sock
RW-3	08/13/08	3361.42	63.77	50.13	50.24	0.11	Pumped	0.00	5.00	3311.27	
RW-3	08/13/08	3361.42	63.77	ND	50.86	ND	NA	NA	NA	3310.56	New sock
RW-3	08/18/08	3361.42	63.77	DNG	50.86	DNG	NA	NA	NA	3310.56	Sock
RW-3	08/27/08	3361.42	63.77	ND	50.32	ND	NA	NA	NA	3311.10	New sock
RW-3	09/02/08	3361.42	63.77	ND	50.37	ND	NA	NA	NA	3311.05	Sock
RW-3	09/09/08	3361.42	63.77	ND	50.36	ND	NA	NA	NA	3311.06	Sock
RW-3	09/16/08	3361.42	63.77	ND	50.22	ND	Pumped	0.00	10.00	3311.20	
RW-3	09/16/08	3361.42	63.77	ND	52.60	ND	NA	NA	NA	3308.82	Sock
RW-3	09/24/08	3361.42	63.77	ND	49.98	ND	Pumped	0.00	10.00	3311.44	
RW-3	09/24/08	3361.42	63.77	ND	51.92	ND	NA	NA	NA	3309.50	New sock
RW-3	10/01/08	3361.42	63.77	ND	49.72	ND	Pumped	0.00	10.00	3311.70	
RW-3	10/01/08	3361.42	63.77	ND	52.01	ND	NA	NA	NA	3309.41	Sock
RW-3	10/08/08	3361.42	63.77	50.49	50.51	0.02	Pumped	0.50	11.50	3310.93	
RW-3	10/08/08	3361.42	63.77	ND	52.25	ND	NA	NA	NA	3309.17	Sock
RW-3	10/15/08	3361.42	63.77	ND	50.14	ND	NA	NA	NA	3311.28	Sock
RW-3	10/22/08	3361.42	63.77	ND	50.09	ND	Pumped	0.00	20.00	3311.33	
RW-3	10/22/08	3361.42	63.77	ND	49.51	ND	NA	NA	NA	3311.91	
RW-3	10/29/08	3361.42	63.77	ND	50.14	ND	Pumped	0.00	10.00	3311.28	
RW-3	10/29/08	3361.42	63.77	ND	52.19	ND	NA	NA	NA	3309.23	
RW-3	11/05/08	3361.42	63.77	ND	50.06	ND	Pumped	0.00	21.00	3311.36	
RW-3	11/05/08	3361.42	63.77	ND	51.27	ND	NA	NA	NA	3310.15	
RW-3	11/12/08	3361.42	63.77	ND	49.97	ND	NA	NA	NA	3311.45	
RW-3	11/19/08	3361.42	63.77	ND	49.98	ND	Pumped	0.00	10.00	3311.44	
RW-3	11/19/08	3361.42	63.77	ND	52.16	ND	NA	NA	NA	3309.26	
RW-3	11/26/08	3361.42	63.77	49.92	50.09	0.17	Pumped	1.00	24.00	3311.47	
RW-3	11/26/08	3361.42	63.77	ND	50.06	ND	NA	NA	NA	3311.36	Sock
RW-3	12/03/08	3361.42	63.77	ND	50.13	ND	Pumped	0.00	25.00	3311.29	
RW-3	12/03/08	3361.42	63.77	ND	50.12	ND	NA	NA	NA	3311.30	
RW-3	12/10/08	3361.42	63.77	ND	50.14	ND	Pumped	0.00	30.00	3311.28	
RW-3	12/10/08	3361.42	63.77	ND	50.10	ND	NA	NA	NA	3311.32	Flipped Sock

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	12/17/08	3361.42	63.77	ND	50.13	ND		0.00	25.00	3311.29	New sock
RW-3	12/17/08	3361.42	63.77	ND	50.12	ND	NA	NA	NA	3311.30	
RW-3	12/21/08	3361.42	63.77	49.95	50.10	0.15		0.25	14.75	3311.45	No Sock
RW-3	12/21/08	3361.42	63.77	ND	52.74	ND	NA	NA	NA	3308.68	
RW-3	12/31/08	3361.42	63.77	49.98	50.20	0.22		0.25	20.75	3311.41	
RW-3	12/31/08	3361.42	63.77	ND	50.23	ND	NA	NA	NA	3311.19	
RW-3	01/07/09	3361.42	63.62	49.90	50.05	0.15	Hand Bailed	0.25	9.75	3311.50	
RW-3	01/07/09	3361.42	63.62	ND	50.34	ND	NA	NA	NA	3311.08	
RW-3	01/15/09	3361.42	63.62	49.97	50.25	0.28	Pumped	0.75	14.25	3311.41	
RW-3	01/15/09	3361.42	63.62	50.10	50.14	0.04	NA	NA	NA	3311.31	
RW-3	01/22/09	3361.42	63.62	49.87	50.16	0.29	Hand Bailed	1.00	14.00	3311.51	No Sock
RW-3	01/22/09	3361.42	63.62	ND	50.06	ND	NA	NA	NA	3311.36	
RW-3	01/28/09	3361.42	63.62	49.88	50.14	0.26	Pumped	0.25	9.75	3311.50	
RW-3	01/28/09	3361.42	63.62	ND	50.02	ND	NA	NA	NA	3311.40	
RW-3	02/04/09	3361.42	63.66	49.97	50.15	0.18	Pumped	0.50	14.50	3311.42	
RW-3	02/04/09	3361.42	63.66	ND	50.35	ND	NA	NA	NA	3311.07	
RW-3	02/11/09	3361.42	63.66	49.96	50.07	0.11	Pumped	0.25	19.75	3311.44	
RW-3	02/11/09	3361.42	63.66	ND	50.11	ND	NA	NA	NA	3311.31	
RW-3	02/17/09	3361.42	63.66	49.89	50.08	0.19	Pumped	0.50	34.50	3311.50	
RW-3	02/17/09	3361.42	63.66	49.94	49.96	0.02	NA	NA	NA	3311.48	
RW-3	02/25/09	3361.42	63.66	49.94	50.11	0.17	Pumped	0.50	19.50	3311.45	
RW-3	02/25/09	3361.42	63.66	50.05	50.06	0.01	NA	NA	NA	3311.37	
RW-3	03/04/09	3361.42	63.66	49.88	50.10	0.22	Pumped	1.00	19.00	3311.51	
RW-3	03/04/09	3361.42	63.66	ND	50.13	ND	NA	NA	NA	3311.29	
RW-3	03/11/09	3361.42	63.66	50.00	50.13	0.13	Pumped	0.25	19.75	3311.40	
RW-3	03/11/09	3361.42	63.66	ND	50.35	ND	NA	NA	NA	3311.07	
RW-3	03/18/09	3361.42	63.66	49.89	50.01	0.12	Pumped	0.10	9.90	3311.51	
RW-3	03/18/09	3361.42	63.66	ND	50.16	ND	NA	NA	NA	3311.26	
RW-3	03/25/09	3361.42	63.66	ND	49.89	ND	Pumped	0.00	22.00	3311.53	
RW-3	03/25/09	3361.42	63.66	ND	51.34	ND	NA	NA	NA	3310.08	
RW-3	04/01/09	3361.42	63.66	ND	49.99	ND	NA	NA	NA	3311.43	Flipped Sock
RW-3	04/08/09	3361.42	63.66	ND	50.05	ND	Pumped	0.00	15.00	3311.37	
RW-3	04/08/09	3361.42	63.66	ND	50.20	ND	NA	NA	NA	3311.22	
RW-3	04/15/09	3361.42	63.66	ND	50.04	ND	Pumped	0.00	10.00	3311.38	
RW-3	04/15/09	3361.42	63.66	ND	51.73	ND	NA	NA	NA	3309.69	
RW-3	04/22/09	3361.42	63.66	50.13	50.14	0.01	NA	NA	NA	3311.29	
RW-3	04/29/09	3361.42	63.66	ND	50.00	ND	Pumped	0.00	10.00	3311.42	
RW-3	04/29/09	3361.42	63.66	ND	50.17	ND	NA	NA	NA	3311.25	
RW-3	05/06/09	3361.42	63.66	ND	50.01	ND	Pumped	0.00	15.00	3311.41	
RW-3	05/06/09	3361.42	63.66	ND	51.38	ND	NA	NA	NA	3310.04	
RW-3	05/14/09	3361.42	63.66	ND	50.12	ND	NA	NA	NA	3311.30	
RW-3	05/14/09	3361.42	63.66	ND	51.16	ND	Pumped	0.00	15.00	3310.26	
RW-3	05/19/09	3361.42	63.66	ND	50.06	ND	Pumped	0.00	30.00	3311.36	
RW-3	05/27/09	3361.42	63.66	ND	50.07	ND	NA	NA	NA	3311.35	
RW-3	05/27/09	3361.42	63.66	ND	51.22	ND	Pumped	0.00	15.00	3310.20	
RW-3	06/03/09	3361.42	63.66	ND	50.73	ND	NA	NA	NA	3310.69	
RW-3	06/03/09	3361.42	63.66	ND	51.43	ND	Pumped	0.00	15.00	3309.99	
RW-3	06/11/09	3361.42	63.66	ND	50.22	ND	NA	NA	NA	3311.20	
RW-3	06/11/09	3361.42	63.66	ND	51.33	ND	Pumped	0.00	15.00	3310.09	
RW-3	06/17/09	3361.42	63.66	ND	50.25	ND	NA	NA	NA	3311.17	
RW-3	06/23/09	3361.42	63.66	ND	50.31	ND	NA	NA	NA	3311.11	
RW-3	07/01/09	3361.42	63.66	ND	50.19	ND	NA	NA	NA	3311.23	Flipped Sock
RW-3	07/07/09	3361.42	63.66	ND	50.19	ND	NA	NA	NA	3311.23	Flipped Sock
RW-3	07/07/09	3361.42	63.66	ND	50.13	ND	NA	NA	NA	3311.29	
RW-3	07/15/09	3361.42	63.66	50.13	50.15	0.02	NA	NA	NA	3311.29	New sock
RW-3	07/29/09	3361.42	63.66	ND	50.22	ND	NA	NA	NA	3311.20	Flipped Sock
RW-3	08/05/09	3361.42	63.66	ND	50.18	ND	NA	NA	NA	3311.24	New Sock
RW-3	08/12/09	3361.42	63.66	ND	50.15	ND	NA	NA	NA	3311.27	
RW-3	08/19/09	3361.42	63.66	50.13	50.15	0.02	Pumped	0.25	9.75	3311.29	Flipped
RW-3	08/19/09	3361.42	63.66	ND	52.50	ND	NA	NA	NA	3308.92	
RW-3	08/26/09	3361.42	63.66	50.29	50.33	0.04	NA	NA	NA	3311.12	
RW-3	09/02/09	3361.42	63.66	50.10	50.18	0.08	Pumped	0.25	9.75	3311.31	
RW-3	09/02/09	3361.42	63.66	ND	52.58	ND	NA	NA	NA	3308.84	
RW-3	09/09/09	3361.42	63.66	ND	50.21	ND	Pumped	0.10	9.90	3311.21	
RW-3	09/09/09	3361.42	63.66	ND	51.49	ND	NA	NA	NA	3309.93	
RW-3	09/16/09	3361.42	63.66	ND	50.28	ND	NA	NA	NA	3311.14	
RW-3	09/23/09	3361.42	63.66	50.15	50.20	0.05	Pumped	0.25	19.75	3311.26	
RW-3	09/23/09	3361.42	63.66	ND	51.73	ND	NA	NA	NA	3309.69	New Sock
RW-3	09/30/09	3361.42	63.66	ND	50.28	ND	NA	NA	NA	3311.14	
RW-3	10/07/09	3361.42	63.66	ND	50.34	ND	Pumped	0.00	10.00	3311.08	Flipped Sock
RW-3	10/07/09	3361.42	63.66	ND	51.02	ND	NA	NA	NA	3310.40	
RW-3	10/14/09	3361.42	63.66	ND	50.35	ND	Pumped	0.00	10.00	3311.07	New Sock
RW-3	10/14/09	3361.42	63.66	ND	52.16	ND	NA	NA	NA	3309.26	
RW-3	10/21/09	3361.42	63.66	ND	50.36	ND	NA	NA	NA	3311.06	
RW-3	10/28/09	3361.42	63.66	ND	50.69	ND	Pumped	0.00	20.00	3310.73	
RW-3	10/28/09	3361.42	63.66	ND	51.80	ND	NA	NA	NA	3309.62	
RW-3	11/04/09	3361.42	63.66	50.21	50.26	0.05	Pumped	0.10	9.90	3311.20	
RW-3	11/04/09	3361.42	63.66	ND	50.75	ND	NA	NA	NA	3310.67	
RW-3	11/11/09	3361.42	63.66	50.20	50.27	0.07	Pumped	0.10	9.90	3311.21	
RW-3	11/11/09	3361.42	63.66	ND	51.29	ND	NA	NA	NA	3310.13	
RW-3	11/18/09	3361.42	63.66	50.13	50.23	0.10	Pumped	0.10	19.90	3311.28	
RW-3	11/18/09	3361.42	63.66	ND	51.69	ND	NA	NA	NA	3309.73	
RW-3	11/25/09	3361.42	63.66	50.20	50.29	0.09	Pumped	0.10	9.90	3311.21	
RW-3	11/25/09	3361.42	63.66	ND	51.20	ND	NA	NA	NA	3310.22	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	12/02/09	3361.42	63.66	50.19	50.26	0.07	Pumped	0.10	9.90	3311.22	
RW-3	12/02/09	3361.42	63.66	ND	51.85	ND	NA	NA	NA	3309.57	
RW-3	12/09/09	3361.42	63.66	50.20	50.33	0.13	Pumped	0.10	9.90	3311.20	
RW-3	12/09/09	3361.42	63.66	ND	52.01	ND	NA	NA	NA	3309.41	
RW-3	12/16/09	3361.42	63.66	50.24	50.37	0.13	Pumped	0.10	9.90	3311.16	
RW-3	12/16/09	3361.42	63.66	ND	51.93	ND	NA	NA	NA	3309.49	
RW-3	12/23/09	3361.42	63.66	50.15	50.20	0.05	Pumped	0.10	14.90	3311.26	
RW-3	12/23/09	3361.42	63.66	ND	50.85	ND	NA	NA	NA	3310.57	
RW-3	12/30/09	3361.42	63.66	50.16	50.23	0.07	Pumped	0.10	9.90	3311.25	
RW-3	12/30/09	3361.42	63.66	ND	51.34	ND	NA	NA	NA	3310.08	
RW-3	01/06/10	3361.42	63.66	50.15	50.21	0.06	Pumped	0.10	9.90	3311.26	
RW-3	01/06/10	3361.42	63.66	ND	50.96	ND	NA	NA	NA	3310.46	
RW-3	01/13/10	3361.42	63.66	50.17	50.22	0.05	Pumped	0.10	9.90	3311.24	
RW-3	01/13/10	3361.42	63.66	ND	51.17	ND	NA	NA	NA	3310.25	
RW-3	01/20/10	3361.42	63.66	50.08	50.12	0.04	Pumped	0.10	19.90	3311.33	
RW-3	01/20/10	3361.42	63.66	ND	51.00	ND	NA	NA	NA	3310.42	
RW-3	01/27/10	3361.42	63.66	50.18	50.26	0.08	Pumped	0.10	9.90	3311.23	
RW-3	01/27/10	3361.42	63.66	ND	51.15	ND	NA	NA	NA	3310.27	
RW-3	02/11/10	3361.42	63.66	50.13	50.20	0.07	Pumped	0.10	9.90	3311.28	
RW-3	02/11/10	3361.42	63.66	ND	51.22	ND	NA	NA	NA	3310.20	
RW-3	02/17/10	3361.42	63.66	50.15	50.21	0.06	Pumped	0.10	9.90	3311.26	
RW-3	02/17/10	3361.42	63.66	ND	51.51	ND	NA	NA	NA	3309.91	
RW-3	03/10/10	3361.42	63.66	50.02	50.08	0.06	Pumped	0.10	9.90	3311.39	
RW-3	03/10/10	3361.42	63.66	ND	50.91	ND	NA	NA	NA	3310.51	
RW-3	03/17/10	3361.42	63.66	50.10	50.22	0.12	Pumped	0.10	14.90	3311.30	
RW-3	03/17/10	3361.42	63.66	ND	51.05	ND	NA	NA	NA	3310.37	
RW-3	03/24/10	3361.42	63.66	50.05	50.14	0.09	Pumped	0.10	9.90	3311.36	
RW-3	03/24/10	3361.42	63.66	ND	51.10	ND	NA	NA	NA	3310.32	
RW-3	03/31/10	3361.42	63.66	50.00	50.07	0.07	NA	NA	NA	3311.41	
RW-3	04/07/10	3361.42	63.66	50.06	50.15	0.09	Pumped	0.10	9.90	3311.35	
RW-3	04/07/10	3361.42	63.66	ND	53.80	ND	NA	NA	NA	3307.62	
RW-3	04/14/10	3361.42	63.66	50.02	50.06	0.04	NA	NA	NA	3311.39	
RW-3	04/21/10	3361.42	63.66	49.94	49.99	0.05	Pumped	0.10	9.90	3311.47	
RW-3	04/21/10	3361.42	63.66	ND	50.84	ND	NA	NA	NA	3310.58	
RW-3	04/28/10	3361.42	63.66	49.98	50.05	0.07	Pumped	0.10	9.90	3311.43	
RW-3	04/28/10	3361.42	63.66	ND	50.92	ND	NA	NA	NA	3310.50	
RW-3	04/28/10	3361.42	63.66	49.98	50.05	0.07	Pumped	0.10	9.90	3311.43	
RW-3	04/28/10	3361.42	63.66	ND	50.92	ND	NA	NA	NA	3310.50	
RW-3	05/05/10	3361.42	63.66	50.03	50.06	0.03	Hand Bailed	0.10	9.90	3311.39	
RW-3	05/05/10	3361.42	63.66	ND	50.51	ND	NA	NA	NA	3310.91	
RW-3	05/11/10	3361.42	63.66	49.96	50.10	0.14		0.10	26.90	3311.44	
RW-3	05/11/10	3361.42	63.66	ND	51.01	ND	NA	NA	NA	3310.41	
RW-3	05/19/10	3361.42	63.66	50.04	50.10	0.06	Pumped	0.10	26.90	3311.37	
RW-3	05/19/10	3361.42	63.66	ND	51.19	ND	NA	NA	NA	3310.23	
RW-3	05/29/10	3361.42	63.66	50.02	50.12	0.10	Pumped	0.10	9.90	3311.39	
RW-3	05/29/10	3361.42	63.66	ND	51.20	ND	NA	NA	NA	3310.22	
RW-3	06/02/10	3361.42	63.66	50.01	50.09	0.08	Pumped	0.10	9.90	3311.40	
RW-3	06/02/10	3361.42	63.66	ND	51.48	ND	NA	NA	NA	3309.94	
RW-3	06/12/10	3361.42	63.66	50.08	50.12	0.04	Pumped	0.10	9.90	3311.33	
RW-3	06/12/10	3361.42	63.66	ND	51.30	ND	NA	NA	NA	3310.12	
RW-3	06/15/10	3361.42	63.66	50.00	50.07	0.07	Pumped	0.10	9.90	3311.41	
RW-3	06/15/10	3361.42	63.66	ND	51.80	ND	NA	NA	NA	3309.62	
RW-3	06/25/10	3361.42	63.66	50.04	50.10	0.06	NA	NA	NA	3311.37	
RW-3	07/07/10	3361.42	63.66	50.06	50.12	0.06	NA	NA	NA	3311.35	
RW-3	07/14/10	3361.42	63.66	50.06	50.11	0.05	NA	NA	NA	3311.35	
RW-3	07/21/10	3361.42	63.66	50.07	50.13	0.06	Pumped	0.10	9.90	3311.34	
RW-3	07/21/10	3361.42	63.66	ND	51.14	ND	NA	NA	NA	3310.28	
RW-3	07/28/10	3361.42	63.66	ND	50.05	ND	NA	NA	NA	3311.37	
RW-3	08/03/10	3361.42	63.66	50.02	50.03	0.01	NA	NA	NA	3311.40	
RW-3	08/11/10	3361.42	63.66	50.03	50.10	0.07	NA	NA	NA	3311.38	
RW-3	08/18/10	3361.42	63.66	50.03	50.09	0.06	Pumped	0.10	9.90	3311.38	
RW-3	08/18/10	3361.42	63.66	ND	52.70	ND	NA	NA	NA	3308.72	
RW-3	08/25/10	3361.42	63.66	50.06	50.11	0.05	Pumped	0.10	9.90	3311.35	
RW-3	08/25/10	3361.42	63.66	ND	52.42	ND	NA	NA	NA	3309.00	
RW-3	09/01/10	3361.42	63.66	49.98	50.03	0.05	NA	NA	NA	3311.43	
RW-3	09/08/10	3361.42	63.66	50.05	50.10	0.05	NA	NA	NA	3311.36	
RW-3	09/15/10	3361.42	63.66	50.04	50.09	0.05	Pumped	0.10	4.90	3311.37	
RW-3	09/15/10	3361.42	63.66	ND	52.08	ND	NA	NA	NA	3309.34	
RW-3	09/21/10	3361.42	63.66	49.99	50.02	0.03	NA	NA	NA	3311.43	
RW-3	10/01/10	3361.42	63.66	50.09	50.12	0.03	NA	NA	NA	3311.33	
RW-3	10/06/10	3361.42	63.66	50.10	50.13	0.03	Pumped	0.10	9.90	3311.32	
RW-3	10/06/10	3361.42	63.66	ND	51.08	ND	NA	NA	NA	3310.34	
RW-3	10/13/10	3361.42	63.66	50.09	50.16	0.07	Pumped	0.10	9.90	3311.32	
RW-3	10/13/10	3361.42	63.66	ND	51.67	ND	NA	NA	NA	3309.75	
RW-3	10/22/10	3361.42	63.66	50.01	50.08	0.07	NA	NA	NA	3311.40	
RW-3	10/27/10	3361.42	63.66	49.98	50.06	0.08	NA	NA	NA	3311.43	
RW-3	11/03/10	3361.42	63.66	50.06	50.18	0.12	Pumped	0.10	9.90	3311.34	
RW-3	11/03/10	3361.42	63.66	51.23	51.24	0.01	NA	NA	NA	3310.19	
RW-3	11/10/10	3361.42	63.66	49.91	49.99	0.08	NA	NA	NA	3311.50	
RW-3	11/16/10	3361.42	63.66	50.01	50.08	0.07	Pumped	0.10	9.90	3311.40	
RW-3	11/16/10	3361.42	63.66	51.43	51.44	0.01	NA	NA	NA	3309.99	
RW-3	11/23/10	3361.42	63.66	49.93	50.03	0.10	Pumped	0.10	9.90	3311.48	
RW-3	11/23/10	3361.42	63.66	ND	51.70	ND	NA	NA	NA	3309.72	
RW-3	12/01/10	3361.42	63.66	49.89	49.90	0.01	NA	NA	NA	3311.53	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	12/08/10	3361.42	63.66	49.98	50.05	0.07	Pumped	0.10	9.90	3311.43	
RW-3	12/08/10	3361.42	63.66	ND	52.94	ND	NA	NA	NA	3308.48	
RW-3	12/15/10	3361.42	63.66	49.84	49.90	0.06	Pumped	0.10	9.90	3311.57	
RW-3	12/15/10	3361.42	63.66	ND	51.68	ND	NA	NA	NA	3309.74	
RW-3	12/21/10	3361.42	63.66	49.94	49.97	0.03	Pumped	0.10	9.90	3311.48	
RW-3	12/21/10	3361.42	63.66	ND	51.02	ND	NA	NA	NA	3310.40	
RW-3	12/28/10	3361.42	63.66	DNG	DNG	DNG	Pumped	0.10	9.90	DNG	
RW-3	01/08/11	3361.93	63.66	49.88	49.90	0.02	NA	N/A	N/A	3312.05	
RW-3	01/12/11	3361.93	63.66	49.97	50.03	0.06		0.10	9.90	3311.95	
RW-3	01/12/11	3361.93	63.66	ND	50.83	ND	NA	NA	NA	3311.10	
RW-3	01/19/11	3361.93	63.66	49.83	49.93	0.10		0.10	9.90	3312.09	
RW-3	01/19/11	3361.93	63.66	ND	50.89	ND	NA	NA	NA	3311.04	
RW-3	01/25/11	3361.93	63.66	49.91	49.98	0.07		0.20	9.80	3312.01	
RW-3	01/25/11	3361.93	63.66	ND	50.24	ND	NA	NA	NA	3311.69	
RW-3	02/04/11	3361.93	63.66	49.86	49.90	0.04	NA	NA	NA	3312.06	
RW-3	02/08/11	3361.93	63.66	49.80	49.84	0.04		0.10	9.90	3312.12	
RW-3	02/08/11	3361.93	63.66	ND	51.92	ND	NA	NA	NA	3310.01	
RW-3	02/16/11	3361.93	63.66	49.83	49.90	0.07		0.10	9.90	3312.09	
RW-3	02/16/11	3361.93	63.66	ND	50.40	ND	NA	NA	NA	3311.53	
RW-3	02/23/11	3361.93	63.66	49.85	49.89	0.04		0.10	9.90	3312.07	
RW-3	02/23/11	3361.93	63.66	ND	51.54	ND	NA	NA	NA	3310.39	
RW-3	03/02/11	3361.93	63.66	49.86	49.92	0.06		0.00	10.00	3312.06	
RW-3	03/02/11	3361.93	63.66	ND	51.00	ND	NA	NA	NA	3310.93	
RW-3	03/08/11	3361.93	63.66	49.83	49.85	0.02	Hand Bailed	0.10	4.90	3312.10	
RW-3	03/08/11	3361.93	63.66	ND	50.91	ND	NA	NA	NA	3311.02	
RW-3	03/16/11	3361.93	63.66	49.87	50.00	0.13		0.10	4.90	3312.04	
RW-3	03/16/11	3361.93	63.66	ND	51.02	ND	NA	NA	NA	3310.91	
RW-3	03/23/11	3361.93	63.66	49.90	50.02	0.12		0.10	4.90	3312.01	
RW-3	03/23/11	3361.93	63.66	ND	50.36	ND	NA	NA	NA	3311.57	
RW-3	03/30/11	3361.93	63.66	49.85	49.95	0.10		0.10	9.90	3312.07	
RW-3	03/30/11	3361.93	63.66	ND	50.33	ND	NA	NA	NA	3311.60	
RW-3	04/08/11	3361.93	63.66	49.82	49.88	0.06	NA	NA	NA	3312.10	recovery pump failed
RW-3	04/13/11	3361.93	63.66	49.79	49.84	0.05		0.10	4.90	3312.13	
RW-3	04/13/11	3361.93	63.66	ND	50.80	ND	NA	NA	NA	3311.13	
RW-3	04/20/11	3361.93	63.66	49.87	49.92	0.05	Hand Bailed	0.10	4.90	3312.05	
RW-3	04/20/11	3361.93	63.66	ND	50.52	ND	NA	NA	NA	3311.41	
RW-3	04/27/11	3361.93	63.66	49.93	49.95	0.02	Pumped	0.10	9.90	3312.00	
RW-3	04/27/11	3361.93	63.66	ND	51.93	ND	NA	NA	NA	3310.00	
RW-3	05/04/11	3361.93	63.66	49.83	49.95	0.12		0.10	9.90	3312.08	
RW-3	05/04/11	3361.93	63.66	ND	51.83	ND	NA	NA	NA	3310.10	
RW-3	05/11/11	3361.93	63.66	49.80	49.84	0.04		0.10	0.00	3312.12	
RW-3	05/11/11	3361.93	63.66	ND	51.25	ND	NA	NA	NA	3310.68	
RW-3	05/19/11	3361.93	63.66	49.80	49.84	0.04		0.10	0.00	3312.12	
RW-3	05/19/11	3361.93	63.66	ND	51.41	ND	NA	NA	NA	3310.52	
RW-3	05/24/11	3361.93	63.66	49.80	49.85	0.05		0.10	9.90	3312.12	
RW-3	05/24/11	3361.93	63.66	ND	51.44	ND	NA	NA	NA	3310.49	
RW-3	06/01/11	3361.93	63.66	50.00	50.05	0.05	NA	NA	NA	3311.92	Sampled
RW-3	06/08/11	3361.93	63.66	49.92	49.96	0.04		0.10	9.90	3312.00	
RW-3	06/08/11	3361.93	63.66	ND	50.76	ND	NA	NA	NA	3311.17	
RW-3	06/17/11	3361.93	63.66	49.85	49.95	0.10		0.00	10.00	3312.07	
RW-3	06/17/11	3361.93	63.66	ND	51.06	ND	NA	NA	NA	3310.87	
RW-3	06/21/11	3361.93	63.66	49.86	50.00	0.14		0.10	9.90	3312.05	
RW-3	06/21/11	3361.93	63.66	ND	51.67	ND	NA	NA	NA	3310.26	
RW-3	06/29/11	3361.93	63.66	50.00	50.10	0.10		0.10	9.90	3311.92	
RW-3	06/29/11	3361.93	63.66	ND	50.15	ND	NA	NA	NA	3311.78	
RW-3	07/06/11	3361.93	63.66	50.03	50.08	0.05		0.10	4.90	3311.89	
RW-3	07/06/11	3361.93	63.66	ND	50.42	ND	NA	NA	NA	3311.51	
RW-3	07/13/11	3361.93	63.66	50.02	50.09	0.07		0.10	4.90	3311.90	
RW-3	07/13/11	3361.93	63.66	ND	51.43	ND	NA	NA	NA	3310.50	
RW-3	07/20/11	3361.93	63.66	50.03	50.08	0.05		0.10	4.90	3311.89	
RW-3	07/20/11	3361.93	63.66	ND	50.52	ND	NA	NA	NA	3311.41	
RW-3	07/27/11	3361.93	63.66	50.00	50.08	0.08		0.10	9.90	3311.92	
RW-3	07/27/11	3361.93	63.66	ND	50.58	ND	NA	NA	NA	3311.35	
RW-3	08/03/11	3361.93	63.66	50.04	50.24	0.20		0.10	4.90	3311.86	
RW-3	08/03/11	3361.93	63.66	ND	50.88	ND	NA	NA	NA	3311.05	
RW-3	08/11/11	3361.93	63.66	50.06	50.21	0.15	Hand Bailed	0.10	4.90	3311.85	
RW-3	08/11/11	3361.93	63.66	ND	50.70	ND	NA	NA	NA	3311.23	
RW-3	08/16/11	3361.93	63.66	50.02	50.20	0.18		0.10	9.90	3311.88	
RW-3	08/16/11	3361.93	63.66	ND	51.03	ND	NA	NA	NA	3310.90	
RW-3	08/24/11	3361.93	63.66	50.08	50.26	0.18		0.20	9.80	3311.82	
RW-3	08/24/11	3361.93	63.66	ND	51.27	ND	NA	NA	NA	3310.66	
RW-3	08/30/11	3361.93	63.66	50.07	50.17	0.10		0.10	4.90	3311.85	
RW-3	08/30/11	3361.93	63.66	ND	50.83	ND	NA	NA	NA	3311.10	
RW-3	09/07/11	3361.93	63.66	50.12	50.25	0.13		0.10	4.90	3311.79	
RW-3	09/07/11	3361.93	63.66	ND	50.32	ND	NA	NA	NA	3311.61	
RW-3	09/14/11	3361.93	63.66	50.10	50.21	0.11		0.10	4.90	3311.81	
RW-3	09/14/11	3361.93	63.66	ND	50.79	ND	NA	NA	NA	3311.14	
RW-3	09/21/11	3361.93	63.66	50.12	50.30	0.18		0.10	4.90	3311.78	
RW-3	09/21/11	3361.93	63.66	ND	50.78	ND	NA	NA	NA	3311.15	
RW-3	09/28/11	3361.93	63.66	50.09	50.39	0.30		0.10	4.90	3311.80	
RW-3	09/28/11	3361.93	63.66	ND	50.35	ND	NA	NA	NA	3311.58	
RW-3	10/05/11	3361.93	63.66	50.08	50.38	0.30	Pumped	<.25	10.00	3311.81	Clear at 4 gal
RW-3	10/05/11	3361.93	63.66	ND	50.31	ND	NA	NA	NA	3311.62	
RW-3	10/12/11	3361.93	63.66	50.11	50.21	0.10		0.10	9.90	3311.81	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	10/12/11	3361.93	63.66	ND	50.96	ND	NA	NA	NA	3310.97	
RW-3	10/18/11	3361.93	63.66	50.20	50.28	0.08		0.10	9.90	3311.72	Clear at 3 gal
RW-3	10/18/11	3361.93	63.66	ND	51.43	ND	NA	NA	NA	3310.50	
RW-3	10/28/11	3361.93	63.66	50.19	50.30	0.11		0.10	9.90	3311.72	Clear at 2 gal
RW-3	10/28/11	3361.93	63.66	ND	52.24	ND	NA	NA	NA	3309.69	
RW-3	11/02/11	3361.93	63.66	50.13	50.23	0.10		0.10	4.90	3311.79	Clear at 3 gal
RW-3	11/02/11	3361.93	63.66	ND	51.83	ND	NA	NA	NA	3310.10	
RW-3	11/09/11	3361.93	63.66	50.21	50.34	0.13		0.10	9.90	3311.70	
RW-3	11/09/11	3361.93	63.66	ND	51.09	ND	NA	NA	NA	3310.84	
RW-3	11/18/11	3361.93	63.66	50.07	50.21	0.14		<.25	5.00	3311.84	
RW-3	11/18/11	3361.93	63.66	ND	50.56	ND	NA	NA	NA	3311.37	
RW-3	11/23/11	3361.93	63.66	50.16	50.33	0.17	NA	NA	NA	3311.74	
RW-3	11/28/11	3361.93	63.66	50.06	50.30	0.24	NA	NA	NA	3311.83	
RW-3	12/13/11	3361.93	63.66	50.08	50.43	0.35		0.10	4.90	3311.80	
RW-3	12/13/11	3361.93	63.66	ND	50.87	ND	NA	NA	NA	3311.06	
RW-3	12/20/11	3361.93	63.66	50.16	50.32	0.16		0.10	4.90	3311.75	
RW-3	12/20/11	3361.93	63.66	ND	50.74	ND	NA	NA	NA	3311.19	
RW-3	12/27/11	3361.93	63.66	50.18	50.22	0.04	NA	NA	NA	3311.74	
RW-3	01/04/12	3361.93	63.66	50.06	50.32	0.26	Hand Bailed	0.10	5.00	3311.83	
RW-3	01/04/12	3361.93	63.66	ND	50.80	ND	NA	NA	NA	3311.13	
RW-3	01/13/12	3361.93	63.66	50.12	50.20	0.08	NA	NA	NA	3311.80	
RW-3	01/18/12	3361.93	63.66	50.14	50.34	0.20	Pumped	0.10	9.90	3311.76	
RW-3	01/18/12	3361.93	63.66	ND	52.05	ND	NA	NA	NA	3309.88	
RW-3	01/27/12	3361.93	63.66	50.10	50.15	0.05	NA	NA	NA	3311.82	
RW-3	02/02/12	3361.93	63.66	50.09	50.20	0.11		0.10	14.90	3311.82	
RW-3	02/02/12	3361.93	63.66	ND	51.96	ND	NA	NA	NA	3309.97	
RW-3	02/08/12	3361.93	63.66	50.15	50.28	0.13		0.10	9.90	3311.76	
RW-3	02/08/12	3361.93	63.66	ND	51.51	ND	NA	NA	NA	3310.42	
RW-3	02/15/12	3361.93	63.66	50.11	50.16	0.05		0.10	4.90	3311.81	
RW-3	02/15/12	3361.93	63.66	ND	51.45	ND	NA	NA	NA	3310.48	
RW-3	02/22/12	3361.93	63.66	50.03	50.15	0.12	NA	NA	NA	3311.88	
RW-3	02/29/12	3361.93	63.66	50.11	50.33	0.22		0.10	4.90	3311.79	
RW-3	02/29/12	3361.93	63.66	ND	51.20	ND	NA	NA	NA	3310.73	
RW-3	03/06/12	3361.93	63.66	50.05	50.20	0.15		0.10	4.90	3311.86	
RW-3	03/06/12	3361.93	63.66	ND	51.87	ND	NA	NA	NA	3310.06	
RW-3	03/14/12	3361.93	63.66	56.08	56.32	0.24	NA	NA	NA	3305.81	
RW-3	03/21/12	3361.93	63.66	49.93	50.25	0.32		0.10	4.90	3311.95	
RW-3	03/21/12	3361.93	63.66	ND	51.03	ND	NA	NA	NA	3310.90	
RW-3	03/29/12	3361.93	63.66	49.96	50.42	0.46		0.50	10.00	3311.90	
RW-3	03/29/12	3361.93	63.66	ND	51.09	ND	NA	NA	NA	3310.84	
RW-3	04/03/12	3361.93	63.66	49.99	50.53	0.54		0.50	9.50	3311.86	
RW-3	04/03/12	3361.93	63.66	ND	51.66	ND	NA	NA	NA	3310.27	
RW-3	04/11/12	3361.93	63.66	49.90	50.29	0.39		0.10	9.90	3311.97	
RW-3	04/11/12	3361.93	63.66	ND	51.52	ND	NA	NA	NA	3310.41	
RW-3	04/20/12	3361.93	63.66	50.02	50.54	0.52		0.10	9.90	3311.83	
RW-3	04/20/12	3361.93	63.66	ND	50.10	ND	NA	NA	NA	3311.83	
RW-3	04/26/12	3361.93	63.66	49.98	50.40	0.42		1.00	4.00	3311.89	
RW-3	04/26/12	3361.93	63.66	ND	51.00	ND	NA	NA	NA	3310.93	
RW-3	05/02/12	3361.93	63.66	50.02	50.28	0.26		0.10	9.90	3311.87	
RW-3	05/02/12	3361.93	63.66	ND	50.80	ND	NA	NA	NA	3311.13	
RW-3	05/09/12	3361.93	63.66	50.06	50.18	0.12		0.10	9.90	3311.85	
RW-3	05/09/12	3361.93	63.66	ND	51.78	ND	NA	NA	NA	3310.15	
RW-3	05/22/12	3361.93	63.66	49.99	50.26	0.27	NA	NA	NA	3311.90	Sampled
RW-3	05/29/12	3361.93	63.66	49.99	50.20	0.21		0.10	9.90	3311.91	
RW-3	05/29/12	3361.93	63.66	ND	51.26	ND	NA	NA	NA	3310.67	
RW-3	06/06/12	3361.93	63.66	49.98	50.20	0.22		0.10	9.90	3311.92	
RW-3	06/06/12	3361.93	63.66	ND	52.00	ND	NA	NA	NA	3309.93	
RW-3	06/13/12	3361.93	63.66	49.95	50.22	0.27		0.10	9.90	3311.94	
RW-3	06/13/12	3361.93	63.66	ND	51.63	ND	NA	NA	NA	3310.30	
RW-3	06/19/12	3361.93	63.66	49.92	50.27	0.35		0.10	9.90	3311.96	
RW-3	06/19/12	3361.93	63.66	ND	50.30	ND	NA	NA	NA	3311.63	
RW-3	07/05/12	3361.93	63.66	ND	50.05	50.18	NA	0.10	10.00	3311.88	
RW-3	07/05/12	3361.93	63.66	ND	51.63	ND	NA	NA	NA	3310.30	
RW-3	07/11/12	3361.93	63.66	50.05	50.12	0.07	NA	0.10	10.00	3311.87	
RW-3	07/11/12	3361.93	63.66	ND	50.82	ND	NA	NA	NA	3311.11	
RW-3	07/18/12	3361.93	63.66	50.09	50.20	0.11	NA	NA	10.00	3311.82	
RW-3	07/18/12	3361.93	63.66	ND	51.30	ND	NA	NA	NA	3310.63	
RW-3	07/25/12	3361.93	63.66	50.07	50.20	0.13	NA	0.125	10.00	3311.84	
RW-3	07/25/12	3361.93	63.66	ND	50.93	ND	NA	NA	NA	3311.00	
RW-3	07/31/12	3361.93	63.66	50.08	50.22	0.14	NA	0.10	10.00	3311.83	
RW-3	07/31/12	3361.93	63.66	ND	50.50	ND	NA	NA	NA	3311.43	
RW-3	08/08/12	3361.93	63.66	50.10	50.31	0.21	NA	NA	NA	3311.80	
RW-3	08/13/12	3361.93	63.66	50.07	50.25	0.18	NA	0.10	10.00	3311.83	
RW-3	08/13/12	3361.93	63.66	ND	50.91	ND	NA	NA	NA	3311.02	
RW-3	09/05/12	3361.93	63.66	50.16	50.30	0.14	NA	0.10	10.00	3311.75	
RW-3	09/11/12	3361.93	63.66	50.04	50.45	0.41	NA	0.10	10.00	3311.83	
RW-3	09/19/12	3361.93	63.66	50.13	50.58	0.45	NA	0.10	10.00	3311.73	
RW-3	09/19/12	3361.93	63.66	ND	51.81	ND	NA	0.10	10.00	3310.12	
RW-3	09/25/12	3361.93	63.66	50.12	50.33	0.21	NA	0.10	10.00	3311.78	
RW-3	09/25/12	3361.93	63.66	ND	51.76	ND	NA	NA	NA	3310.17	
RW-3	10/03/12	3361.93	63.66	50.18	50.44	0.26	NA	0.10	10.00	3311.71	
RW-3	10/03/12	3361.93	63.66	ND	51.32	ND	NA	NA	NA	3310.61	
RW-3	10/24/12	3361.93	63.66	50.12	50.40	0.28	NA	0.10	10.00	3311.77	
RW-3	10/24/12	3361.93	63.66	ND	52.21	ND	NA	NA	NA	3309.72	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	10/30/12	3361.93	63.66	50.17	50.35	0.18	NA	0.10	10.00	3311.73	
RW-3	10/30/12	3361.93	63.66	ND	52.28	ND	NA	NA	NA	3309.65	
RW-3	11/06/12	3361.93	63.66	50.19	50.29	0.10	NA	0.10	10.00	3311.73	
RW-3	11/06/12	3361.93	63.66	ND	52.28	ND	NA	NA	NA	3309.65	
RW-3	11/13/12	3361.93	63.66	50.21	50.39	0.18	NA	0.10	10.00	3311.69	
RW-3	11/13/12	3361.93	63.66	ND	51.88	ND	NA	NA	NA	3310.05	
RW-3	11/26/12	3361.93	63.66	50.18	50.53	0.35	NA	NA	NA	3311.70	
RW-3	12/05/12	3361.93	63.66	50.16	50.64	0.48	NA	NA	NA	3311.70	
RW-3	12/11/12	3361.93	63.66	50.18	50.40	0.22	NA	NA	NA	3311.72	
RW-3	01/03/13	3361.93	63.66	50.12	50.64	0.52	NA	NA	NA	3311.73	
RW-3	01/16/13	3361.93	63.66	50.18	50.86	0.68	NA	0.50	9.50	3311.65	
RW-3	01/16/13	3361.93	63.66	ND	52.42	ND	NA	NA	NA	3309.51	
RW-3	01/23/13	3361.93	63.66	50.20	50.45	0.25	NA	0.10	10.00	3311.69	
RW-3	01/23/13	3361.93	63.66	ND	51.07	ND	NA	NA	NA	3310.86	
RW-3	01/30/13	3361.93	63.66	50.23	50.62	0.39	NA	0.10	10.00	3311.64	
RW-3	01/30/13	3361.93	63.66	ND	51.52	ND	NA	NA	NA	3310.41	
RW-3	02/07/13	3361.93	63.66	50.20	50.40	0.20	NA	0.10	10.00	3311.70	
RW-3	02/07/13	3361.93	63.66	ND	50.55	ND	NA	NA	NA	3311.38	
RW-3	02/13/13	3361.93	63.66	50.23	50.51	0.28	NA	0.10	10.00	3311.66	
RW-3	02/13/13	3361.93	63.66	ND	52.02	ND	NA	NA	NA	3309.91	
RW-3	02/27/13	3361.93	63.66	50.23	50.43	0.20	NA	NA	NA	3311.67	
RW-3	03/21/13	3361.93	63.66	50.10	50.35	0.25	NA	NA	NA	3311.79	
RW-3	03/29/13	3361.93	63.66	50.16	50.41	0.25	NA	0.10	10.00	3311.73	
RW-3	03/29/13	3361.93	63.66	ND	50.84	ND	NA	NA	NA	3311.09	
RW-3	04/03/13	3361.93	63.66	50.15	50.50	0.35	NA	0.10	10.00	3311.73	
RW-3	04/03/13	3361.93	63.66	ND	51.92	ND	NA	NA	NA	3310.01	
RW-3	04/09/13	3361.93	63.66	50.14	50.66	0.52	NA	0.10	10.00	3311.71	
RW-3	04/09/13	3361.93	63.66	ND	51.88	ND	NA	NA	NA	3310.05	
RW-3	05/01/13	3361.93	63.66	50.14	50.65	0.51	NA	0.50	9.50	3311.71	
RW-3	05/01/13	3361.93	63.66	ND	51.30	ND	NA	NA	NA	3310.63	
RW-3	05/15/13	3361.93	63.66	50.20	50.40	0.20	NA	0.10	10.00	3311.70	
RW-3	05/15/13	3361.93	63.66	ND	51.48	ND	NA	NA	NA	3310.45	
RW-3	05/21/13	3361.93	63.66	50.23	50.57	0.34	NA	0.10	10.00	3311.65	
RW-3	05/21/13	3361.93	63.66	ND	51.19	ND	NA	NA	NA	3310.74	
RW-3	06/05/13	3361.93	63.66	50.18	50.56	0.38	NA	0.50	9.50	3311.69	
RW-3	06/05/13	3361.93	63.66	ND	51.74	ND	NA	NA	NA	3310.19	
RW-3	06/11/13	3361.93	63.66	50.29	50.51	0.22	NA	NA	NA	3311.61	
RW-3	06/17/13	3361.93	63.66	50.32	50.46	0.14	NA	0.10	10.00	3311.59	
RW-3	06/26/13	3361.93	63.66	50.28	50.45	0.17	NA	0.25	9.75	3311.62	
RW-3	06/26/13	3361.93	63.66	ND	51.16	ND	NA	NA	NA	3310.77	
RW-3	07/03/13	3361.93	63.66	50.28	50.48	0.20	NA	0.25	9.75	3311.62	
RW-3	07/10/13	3361.93	63.66	50.30	50.52	0.22	NA	0.25	9.75	3311.60	
RW-3	07/23/13	3361.93	63.66	50.30	50.66	0.36	NA	0.25	9.75	3311.58	
RW-3	07/30/13	3361.93	63.66	50.17	50.25	0.08	NA	0.25	9.25	3311.75	
RW-3	08/07/13	3361.93	63.66	50.07	50.29	0.22	NA	0.25	9.75	3311.83	
RW-3	08/14/13	3361.93	63.66	50.39	50.51	0.12	NA	NA	NA	3311.52	
RW-3	08/21/13	3361.93	63.66	50.36	50.50	0.14	NA	0.10	10.00	3311.55	
RW-3	08/28/13	3361.93	63.66	50.41	50.55	0.14	NA	0.25	9.75	3311.50	
RW-3	09/06/13	3361.93	63.66	50.44	50.48	0.04	NA	0.25	9.50	3311.48	
RW-3	09/10/13	3361.93	63.66	50.46	50.51	0.05	NA	NA	NA	3311.46	
RW-3	09/21/13	3361.93	63.66	50.40	50.48	0.08	NA	NA	NA	3311.52	
RW-3	09/28/13	3361.93	63.66	50.52	50.55	0.03	NA	NA	NA	3311.41	
RW-3	10/02/13	3361.93	63.66	50.44	50.50	0.06	NA	0.50	9.50	3311.48	
RW-3	10/11/13	3361.93	63.66	50.48	50.52	0.04	NA	NA	NA	3311.44	
RW-3	10/16/13	3361.93	63.66	50.45	50.47	0.02	NA	NA	NA	3311.48	
RW-3	10/30/13	3361.93	63.66	50.42	50.45	0.03	NA	NA	NA	3311.51	
RW-3	11/06/13	3361.93	63.66	50.48	50.52	0.04	NA	NA	NA	3311.44	
RW-3	11/20/13	3361.93	63.66	50.48	50.55	0.07	NA	NA	NA	3311.44	
RW-3	11/27/13	3361.93	63.66	50.51	50.56	0.05	NA	NA	NA	3311.41	
RW-3	12/17/13	3361.93	63.66	50.48	50.60	0.12	NA	0.25	4.75	3311.43	
RW-3	01/02/14	3361.93	63.66	50.50	50.72	0.22	NA	NA	NA	3311.40	
RW-3	01/09/14	3361.93	63.66	50.41	50.61	0.20	NA	0.50	9.50	3311.49	
RW-3	01/15/14	3361.93	63.66	50.47	50.52	0.05	NA	NA	NA	3311.45	
RW-3	01/22/14	3361.93	63.66	50.42	50.52	0.10	NA	NA	NA	3311.50	
RW-3	01/30/14	3361.93	63.66	50.38	50.48	0.10	NA	NA	NA	3311.54	
RW-3	02/05/14	3361.93	63.66	50.51	50.68	0.17	NA	0.50	9.50	3311.39	
RW-3	02/13/14	3361.93	63.66	50.41	50.50	0.09	NA	0.25	9.75	3311.51	
RW-3	02/20/14	3361.93	63.66	50.49	50.60	0.11	NA	0.25	9.75	3311.42	
RW-3	02/26/14	3361.93	63.66	50.45	50.58	0.13	NA	NA	NA	3311.46	
RW-3	03/05/14	3361.93	63.66	50.47	50.65	0.18	NA	NA	NA	3311.43	
RW-3	03/18/14	3361.93	63.66	50.37	50.59	0.22	NA	0.50	9.00	3311.53	
RW-3	04/02/14	3361.93	63.66	50.43	50.65	0.22	NA	NA	NA	3311.47	
RW-3	04/09/14	3361.93	63.66	50.38	50.78	0.40	NA	0.50	9.50	3311.49	
RW-3	04/15/14	3361.93	63.66	50.43	50.52	0.09	NA	NA	NA	3311.49	
RW-3	04/23/14	3361.93	63.66	50.46	50.56	0.10	NA	NA	NA	3311.46	
RW-3	05/04/14	3361.93	63.66	50.38	50.52	0.14	NA	NA	NA	3311.53	
RW-3	05/04/14	3361.93	63.66	50.40	50.55	0.15	NA	NA	NA	3311.51	
RW-3	05/16/14	3361.93	63.66	50.40	50.62	0.22	NA	NA	NA	3311.50	
RW-3	05/20/14	3361.93	63.66	50.40	50.60	0.20	NA	NA	NA	3311.50	
RW-3	06/03/14	3361.93	63.66	50.45	50.75	0.30	NA	NA	NA	3311.44	
RW-3	06/19/14	3361.93	63.66	50.48	50.65	0.17	NA	NA	NA	3311.42	
RW-3	06/25/14	3361.93	63.66	50.50	50.64	0.14	NA	NA	NA	3311.41	
RW-3	07/09/14	3361.93	63.66	50.50	50.78	0.28	NA	0.25	9.75	3311.39	
RW-3	07/16/14	3361.93	63.66	50.53	50.60	0.07	NA	NA	NA	3311.39	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	07/23/14	3361.93	63.66	50.54	50.60	0.06	NA	NA	NA	3311.38	
RW-3	07/29/14	3361.93	63.66	50.58	50.62	0.04	NA	NA	NA	3311.34	
RW-3	08/12/14	3361.93	63.66	50.60	50.76	0.16	NA	sheen	5.00	3311.31	
RW-3	08/21/14	3361.93	63.66	50.58	50.62	0.04	NA	NA	NA	3311.34	
RW-3	08/27/14	3361.93	63.66	50.59	50.78	0.19	NA	sheen	5.00	3311.31	
RW-3	09/03/14	3361.93	63.66	50.62	50.64	0.02	NA	NA	NA	3311.31	
RW-3	09/09/14	3361.93	63.66	50.58	50.60	0.02	NA	NA	NA	3311.35	
RW-3	09/17/14	3361.93	63.80	50.62	50.72	0.10	NA	sheen	10.00	3311.30	
RW-3	09/29/14	3361.93	63.80	50.60	50.74	0.14	NA	NA	NA	3311.31	
RW-3	10/15/14	3361.93	63.80	50.65	50.72	0.07	NA	NA	NA	3311.27	
RW-3	10/29/14	3361.93	63.80	50.65	50.69	0.04	NA	NA	NA	3311.27	
RW-3	11/04/14	3361.93	63.80	50.62	50.67	0.05	NA	NA	NA	3311.30	
RW-3	11/12/14	3361.93	63.80	50.68	50.70	0.02	NA	NA	NA	3311.25	
RW-3	11/18/14	3361.93	63.80	50.65	50.67	0.02	NA	NA	NA	3311.28	
RW-3	11/25/14	3361.93	63.80	50.61	50.63	0.02	NA	NA	NA	3311.32	
RW-3	12/17/14	3361.93	63.80	50.52	50.54	0.02	NA	NA	NA	3311.41	
RW-3	12/22/14	3361.93	63.80	50.53	50.60	0.07	NA	NA	NA	3311.39	
RW-3	12/29/14	3361.93	63.80	50.56	50.61	0.05	NA	0.25	4.75	3311.36	
RW-3	01/08/15	3361.93	63.80	50.55	50.56	0.01	NA	NA	NA	3311.38	
RW-3	01/14/15	3361.93	63.80	50.60	50.62	0.02	NA	NA	NA	3311.33	
RW-3	01/21/15	3361.93	63.80	50.60	50.62	0.02	NA	NA	NA	3311.33	
RW-3	01/28/15	3361.93	63.80	50.60	50.66	0.06	NA	NA	NA	3311.32	
RW-3	02/06/15	3361.93	63.80	50.62	50.66	0.04	NA	NA	NA	3311.30	
RW-3	02/10/15	3361.93	63.80	50.63	50.67	0.04	NA	NA	NA	3311.29	
RW-3	02/17/15	3361.93	63.80	50.60	50.69	0.09	NA	NA	NA	3311.32	
RW-3	02/25/15	3361.93	63.80	50.56	50.65	0.09	NA	NA	NA	3311.36	
RW-3	03/05/15	3361.93	63.80	50.73	50.85	0.12	NA	NA	NA	3311.18	
RW-3	03/11/15	3361.93	63.80	50.66	50.78	0.12	NA	NA	NA	3311.25	
RW-3	03/23/15	3361.93	63.80	50.58	50.65	0.07	NA	NA	NA	3311.34	
RW-3	03/31/15	3361.93	63.80	50.58	50.78	0.20	NA	0.25	9.75	3311.32	
RW-3	04/07/15	3361.93	63.80	50.61	50.65	0.04	NA	NA	NA	3311.31	
RW-3	04/15/15	3361.93	63.80	50.51	50.56	0.05	NA	NA	NA	3311.41	
RW-3	04/21/15	3361.93	63.80	50.59	50.65	0.06	NA	NA	NA	3311.33	
RW-3	04/29/15	3361.93	63.80	50.62	50.72	0.10	NA	0.25	9.75	3311.30	
RW-3	05/06/15	3361.93	63.80	50.61	50.65	0.04	NA	NA	NA	3311.31	
RW-3	05/27/15	3361.93	63.80	50.65	50.69	0.04	NA	NA	NA	3311.27	
RW-3	06/04/15	3361.93	63.80	50.61	50.70	0.09	NA	NA	NA	3311.31	
RW-3	06/09/15	3361.93	63.80	50.64	50.74	0.10	NA	0.25	9.75	3311.28	
RW-3	06/16/15	3361.93	63.80	50.66	50.71	0.05	NA	NA	NA	3311.26	Sampled
RW-3	07/01/15	3361.93	63.80	50.62	50.64	0.02	NA	NA	NA	3311.31	
RW-3	07/08/15	3361.93	63.80	50.67	50.70	0.03	NA	NA	NA	3311.26	
RW-3	07/14/15	3361.93	63.80	50.65	50.68	0.03	NA	NA	NA	3311.28	
RW-3	07/21/15	3361.93	63.80	50.67	50.70	0.03	NA	NA	NA	3311.26	
RW-3	07/28/15	3361.93	63.80	ND	ng	ND	NA	NA	10.00	ng	interface
RW-3	08/05/15	3361.93	63.80	50.70	50.74	0.04	NA	NA	NA	3311.22	
RW-3	08/12/15	3361.93	63.80	50.74	50.83	0.09	NA	NA	NA	3311.18	
RW-3	08/20/15	3361.93	63.80	50.71	50.82	0.11	NA	NA	NA	3311.20	
RW-3	08/26/15	3361.93	63.80	50.74	50.83	0.09	NA	NA	NA	3311.18	
RW-3	09/01/15	3361.93	63.80	49.74	49.84	0.10	NA	0.25	9.75	3312.18	
RW-3	09/10/15	3361.93	63.80	50.77	50.83	0.06	NA	NA	NA	3311.15	
RW-3	09/16/15	3361.93	63.80	50.76	50.80	0.04	NA	NA	NA	3311.16	
RW-3	09/28/15	3361.93	63.80	50.74	50.80	0.06	NA	NA	NA	3311.18	
RW-3	10/06/15	3361.93	63.80	50.78	50.86	0.08	NA	0.25	9.75	3311.14	
RW-3	10/13/15	3361.93	63.80	50.80	50.81	0.01	NA	NA	NA	3311.13	
RW-3	10/20/15	3361.93	63.80	ND	ng	ND	NA	0.25	9.75	ng	
RW-3	10/28/15	3361.93	63.80	50.82	50.88	0.06	NA	0.25	9.75	3311.10	
RW-3	11/03/15	3361.93	63.80	50.77	50.79	0.02	NA	0.25	9.75	3311.16	
RW-3	11/12/15	3361.93	63.80	50.80	50.81	0.01	NA	NA	NA	3311.13	
RW-3	11/17/15	3361.93	63.80	50.71	50.77	0.06	NA	NA	NA	3311.21	
RW-3	11/24/15	3361.93	63.80	50.75	50.79	0.04	NA	NA	NA	3311.17	
RW-3	12/09/15	3361.93	63.80	50.73	50.75	0.02	NA	NA	NA	3311.20	
RW-3	12/15/15	3361.93	63.80	50.70	50.73	0.03	NA	NA	NA	3311.23	
RW-3	12/31/15	3361.93	63.80	50.75	50.78	0.03	NA	NA	NA	3311.18	
RW-3	01/05/16	3361.93	63.80	50.68	50.73	0.05	NA	NA	NA	3311.24	
RW-3	01/19/16	3361.93	63.80	50.68	50.72	0.04	NA	NA	NA	3311.24	
RW-3	01/26/16	3361.93	63.80	50.74	50.78	0.04	NA	NA	NA	3311.18	
RW-3	02/02/16	3361.93	63.80	50.52	50.66	0.14	NA	NA	NA	3311.39	
RW-3	02/09/16	3361.93	63.80	50.68	50.72	0.04	NA	NA	NA	3311.24	
RW-3	02/17/16	3361.93	63.80	50.65	50.73	0.08	NA	NA	NA	3311.27	
RW-3	02/24/16	3361.93	63.80	50.68	50.78	0.10	NA	NA	NA	3311.24	
RW-3	03/01/16	3361.93	63.80	50.65	56.69	6.04	NA	NA	NA	3310.37	
RW-3	03/08/16	3361.93	63.80	50.55	50.63	0.08	NA	NA	NA	3311.37	
RW-3	03/15/16	3361.93	63.80	50.60	50.63	0.03	NA	NA	NA	3311.33	
RW-3	03/22/16	3361.93	63.80	50.55	50.62	0.07	NA	NA	NA	3311.37	
RW-3	03/29/16	3361.93	63.80	50.56	50.60	0.04	NA	0.25	9.75	3311.36	
RW-3	04/05/16	3361.93	63.80	50.58	50.61	0.03	NA	NA	NA	3311.35	
RW-3	04/12/16	3361.93	63.80	50.59	50.62	0.03	NA	NA	NA	3311.34	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	04/19/16	3361.93	63.80	50.57	50.64	0.07	NA	NA	NA	3311.35	
RW-3	04/27/16	3361.93	63.80	50.53	50.59	0.06	NA	NA	NA	3311.39	
RW-3	05/05/16	3361.93	63.80	50.52	50.62	0.10	NA	sheen	5.00	3311.40	
RW-3	05/12/16	3361.93	63.80	50.57	50.58	0.01	NA	NA	NA	3311.36	
RW-3	05/17/16	3361.93	63.80	50.31	50.58	0.27	NA	0.25	9.75	3311.58	Sampled
RW-3	05/26/16	3361.93	63.80	50.45	50.46	0.01	NA	NA	NA	3311.48	
RW-3	06/02/16	3361.93	63.80	50.49	50.56	0.07	NA	NA	NA	3311.43	
RW-3	06/10/16	3361.93	63.80	50.46	50.58	0.12	NA	NA	NA	3311.45	
RW-3	06/23/16	3361.93	63.80	50.45	50.55	0.10	NA	NA	NA	3311.47	
RW-3	06/27/16	3361.93	63.80	50.48	50.70	0.22	NA	NA	NA	3311.42	
RW-3	07/06/16	3361.93	63.80	50.43	50.60	0.17	NA	NA	NA	3311.47	
RW-3	07/15/16	3361.93	63.80	50.48	50.70	0.22	NA	NA	NA	3311.42	
RW-3	07/21/16	3361.93	63.80	50.47	50.73	0.26	NA	NA	NA	3311.42	
RW-3	07/26/16	3361.93	63.80	50.48	50.78	0.30	NA	0.25	9.75	3311.41	
RW-3	08/02/16	3361.93	63.80	50.52	50.61	0.09	NA	0.25	9.75	3311.40	
RW-3	08/08/16	3361.93	63.80	50.48	50.53	0.05	NA	0.25	9.75	3311.44	
RW-3	08/16/16	3361.93	63.80	50.51	50.56	0.05	NA	sheen	15.00	3311.41	
RW-3	08/23/16	3361.93	63.80	50.56	50.60	0.04	NA	sheen	10.00	3311.36	
RW-3	08/31/16	3361.93	63.80	50.55	50.61	0.06	NA	NA	NA	3311.37	
RW-3	09/07/16	3361.93	63.80	50.54	50.72	0.18	NA	0.25	9.75	3311.36	
RW-3	09/19/16	3361.93	63.80	50.54	50.56	0.02	NA	NA	NA	3311.39	
RW-3	09/27/16	3361.93	63.80	50.50	50.55	0.05	NA	0.25	9.75	3311.42	
RW-3	10/04/16	3361.93	63.80	50.42	50.46	0.04	NA	0.25	9.75	3311.50	
RW-3	10/11/16	3361.93	63.80	50.46	50.51	0.05	NA	sheen	10.00	3311.46	
RW-3	10/18/16	3361.93	63.80	50.47	50.50	0.03	NA	sheen	10.00	3311.46	
RW-3	11/02/16	3361.93	63.80	50.42	50.50	0.08	NA	sheen	10.00	3311.50	
RW-3	11/08/16	3361.93	63.80	50.44	50.51	0.07	NA	0.25	9.75	3311.48	
RW-3	11/15/16	3361.93	63.80	50.39	50.44	0.05	NA	0.25	9.75	3311.53	
RW-3	11/22/16	3361.93	63.80	50.41	50.42	0.01	NA	0.25	9.75	3311.52	
RW-3	11/30/16	3361.93	63.80	50.47	50.59	0.12	NA	sheen	10.00	3311.44	
RW-3	12/07/16	3361.93	63.80	50.43	50.48	0.05	NA	sheen	10.00	3311.49	
RW-3	12/14/16	3361.93	63.80	50.39	50.43	0.04	NA	NA	NA	3311.53	
RW-3	12/22/16	3361.93	63.80	50.40	50.44	0.04	NA	sheen	10.00	3311.52	
RW-3	12/28/16	3361.93	63.80	50.38	50.44	0.06	NA	NA	NA	3311.54	
RW-3	01/04/17	3361.93	63.80	50.34	50.48	0.14	NA	sheen	10.00	3311.57	
RW-3	01/10/17	3361.93	63.80	50.36	50.41	0.05	NA	sheen	10.00	3311.56	
RW-3	01/17/17	3361.93	63.80	50.37	50.45	0.08	NA	sheen	10.00	3311.55	
RW-3	01/24/17	3361.93	63.80	50.33	50.48	0.15	NA	sheen	10.00	3311.58	
RW-3	01/31/17	3361.93	63.80	50.32	50.43	0.11	NA	sheen	10.00	3311.59	
RW-3	02/07/17	3361.93	63.80	50.33	50.39	0.06	NA	sheen	10.00	3311.59	
RW-3	02/14/17	3361.93	63.80	50.32	50.40	0.08	NA	sheen	10.00	3311.60	
RW-3	02/22/17	3361.93	63.80	50.25	50.38	0.13	NA	sheen	10.00	3311.66	
RW-3	03/07/17	3361.93	63.80	50.36	50.44	0.08	NA	sheen	10.00	3311.56	
RW-3	03/14/17	3361.93	63.80	50.29	50.40	0.11	NA	sheen	10.00	3311.62	
RW-3	03/21/17	3361.93	63.80	50.24	50.46	0.22	NA	sheen	10.00	3311.66	
RW-3	03/28/17	3361.93	63.80	50.21	50.30	0.09	NA	sheen	10.00	3311.71	
RW-3	04/04/17	3361.93	63.80	50.26	50.33	0.07	NA	sheen	10.00	3311.66	
RW-3	04/11/17	3361.93	63.80	50.33	50.48	0.15	NA	sheen	10.00	3311.58	
RW-3	04/18/17	3361.93	63.80	50.27	50.44	0.17	NA	sheen	10.00	3311.63	
RW-3	04/25/17	3361.93	63.80	50.30	50.40	0.10	NA	sheen	10.00	3311.62	
RW-3	05/02/17	3361.93	63.80	50.28	50.43	0.15	NA	sheen	10.00	3311.63	
RW-3	05/08/17	3361.93	63.80	50.23	50.35	0.12	NA	NA	NA	3311.68	
RW-3	05/25/17	3361.93	63.80	50.30	50.39	0.09	NA	sheen	10.00	3311.62	
RW-3	06/01/17	3361.93	63.80	50.25	50.38	0.13	NA	sheen	10.00	3311.66	
RW-3	06/05/17	3361.93	63.80	50.22	50.33	0.11	NA	sheen	10.00	3311.69	
RW-3	06/13/17	3361.93	63.80	50.25	50.43	0.18	NA	sheen	10.00	3311.65	
RW-3	06/20/17	3361.93	63.80	50.28	50.38	0.10	NA	sheen	10.00	3311.64	
RW-3	06/27/17	3361.93	63.80	50.26	50.40	0.14	NA	sheen	10.00	3311.65	
RW-3	07/06/17	3361.93	63.80	50.32	50.45	0.13	NA	sheen	10.00	3311.59	
RW-3	07/11/17	3361.93	63.80	50.29	50.38	0.09	NA	sheen	10.00	3311.63	
RW-3	07/18/17	3361.93	63.80	50.33	50.41	0.08	NA	sheen	10.00	3311.59	
RW-3	07/25/17	3361.93	63.80	50.30	50.39	0.09	NA	sheen	10.00	3311.62	
RW-3	08/01/17	3361.93	63.80	50.34	50.40	0.06	NA	sheen	10.00	3311.58	
RW-3	08/08/17	3361.93	63.80	50.30	50.38	0.08	NA	sheen	10.00	3311.62	
RW-3	08/15/17	3361.93	63.80	50.32	50.40	0.08	NA	sheen	10.00	3311.60	
RW-3	08/22/17	3361.93	63.80	50.33	50.48	0.15	NA	sheen	10.00	3311.58	
RW-3	08/30/17	3361.93	63.80	50.35	50.46	0.11	NA	sheen	10.00	3311.56	
RW-3	09/07/17	3361.93	63.80	50.36	50.46	0.10	NA	sheen	10.00	3311.56	
RW-3	09/14/17	3361.93	63.80	50.30	50.57	0.27	NA	NA	NA	3311.59	
RW-3	09/27/17	3361.93	63.80	50.24	50.48	0.24	NA	0.25	9.75	3311.65	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
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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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	10/04/17	3361.93	63.80	50.26	50.40	0.14	NA	sheen	10.00	3311.65	
RW-3	10/12/17	3361.93	63.80	50.28	50.40	0.12	NA	sheen	10.00	3311.63	
RW-3	10/18/17	3361.93	63.80	50.30	50.41	0.11	NA	sheen	10.00	3311.61	
RW-3	10/26/17	3361.93	63.80	50.25	50.38	0.13	NA	sheen	10.00	3311.66	
RW-3	11/01/17	3361.93	63.80	50.22	50.40	0.18	NA	sheen	10.00	3311.68	
RW-3	11/09/17	3361.93	63.80	50.18	50.36	0.18	NA	sheen	10.00	3311.72	
RW-3	11/16/17	3361.93	63.80	50.14	50.35	0.21	NA	sheen	10.00	3311.76	
RW-3	11/28/17	3361.93	63.80	50.22	50.36	0.14	NA	NA	NA	3311.69	
RW-3	12/06/17	3361.93	63.80	50.21	50.44	0.23	NA	sheen	10.00	3311.69	
RW-3	12/13/17	3361.93	63.80	50.08	50.19	0.11	NA	sheen	10.00	3311.83	
RW-3	01/03/18	3361.93	63.80	50.12	50.30	0.18	NA	sheen	10.00	3311.78	
RW-3	10/10/18	3361.93	63.80	50.08	50.14	0.06	NA	sheen	10.00	3311.84	
RW-3	01/17/18	3361.93	63.80	50.12	50.13	0.01	NA	1.00	9.00	3311.81	
RW-3	01/25/18	3361.93	63.80	50.01	50.10	0.09	NA	1.00	9.00	3311.91	
RW-3	02/01/18	3361.93	63.80	50.01	50.35	0.34	NA	1.00	9.00	3311.87	
RW-3	02/14/18	3361.93	63.80	50.00	50.09	0.09	NA	sheen	10.00	3311.92	
RW-3	02/21/18	3361.93	63.80	50.02	50.14	0.12	NA	sheen	10.00	3311.89	
RW-3	02/28/18	3361.93	63.80	49.90	50.10	0.20	NA	0.50	9.50	3312.00	
RW-3	03/06/18	3361.93	63.80	49.97	50.14	0.17	NA	NA	NA	3311.93	
RW-3	03/15/18	3361.93	63.80	49.92	50.11	0.19	NA	sheen	10.00	3311.98	
RW-3	03/22/18	3361.93	63.80	50.00	50.10	0.10	NA	sheen	10.00	3311.92	
RW-3	03/28/18	3361.93	63.80	50.00	50.22	0.22	NA	0.25	9.75	3311.90	
RW-3	04/04/18	3361.93	63.80	50.00	50.18	0.18	NA	sheen	10.00	3311.90	
RW-3	04/11/18	3361.93	63.80	50.03	50.19	0.16	NA	sheen	10.00	3311.88	
RW-3	04/19/18	3361.93	63.80	49.99	50.16	0.17	NA	sheen	10.00	3311.91	
RW-3	04/24/18	3361.93	63.80	50.00	50.18	0.18	NA	sheen	10.00	3311.90	
RW-3	05/02/18	3361.93	63.80	49.88	49.99	0.11	NA	sheen	10.00	3312.03	
RW-3	05/09/18	3361.93	63.80	49.92	50.02	0.10	NA	sheen	10.00	3312.00	
RW-3	05/15/18	3361.93	63.80	49.90	50.08	0.18	NA	sheen	10.00	3312.00	
RW-3	05/22/18	3361.93	63.80	49.87	50.05	0.18	NA	sheen	10.00	3312.03	
RW-3	05/30/18	3361.93	63.80	49.89	50.00	0.11	NA	sheen	10.00	3312.02	
RW-3	06/12/18	3361.93	63.80	49.89	50.06	0.17	NA	0.25	9.75	3312.01	Sampled
RW-3	06/19/18	3361.93	63.80	49.92	50.03	0.11	NA	sheen	10.00	3311.99	
RW-3	06/29/18	3361.93	63.80	49.95	50.04	0.09	NA	sheen	10.00	3311.97	
RW-3	07/05/18	3361.93	63.80	49.90	50.05	0.15	NA	0.25	9.75	3312.01	
RW-3	07/11/18	3361.93	63.80	49.96	50.07	0.11	NA	0.25	9.75	3311.95	
RW-3	07/18/18	3361.93	63.80	49.83	50.08	0.25	NA	0.25	9.75	3312.06	
RW-3	07/26/18	3361.93	63.80	49.86	50.12	0.26	NA	0.25	9.75	3312.03	
RW-3	07/31/18	3361.93	63.80	49.85	50.09	0.24	NA	0.25	9.75	3312.04	
RW-3	08/07/18	3361.93	63.80	49.80	50.03	0.23	NA	0.25	9.75	3312.10	
RW-3	08/14/18	3361.93	63.80	49.82	50.09	0.27	NA	0.25	9.75	3312.07	
RW-3	08/21/18	3361.93	63.80	49.81	50.08	0.27	NA	0.25	9.75	3312.08	
RW-3	08/30/18	3361.93	63.80	49.86	50.06	0.20	NA	0.25	9.75	3312.04	
RW-3	09/05/18	3361.93	63.80	49.90	50.11	0.21	NA	0.25	9.75	3312.00	
RW-3	09/18/18	3361.93	63.80	49.83	50.01	0.18	NA	0.25	9.75	3312.07	
RW-3	09/26/18	3361.93	63.80	49.86	50.02	0.16	NA	0.25	9.75	3312.05	
RW-3	10/03/18	3361.93	63.80	49.88	50.09	0.21	NA	0.25	9.75	3312.02	
RW-3	10/11/18	3361.93	63.80	49.81	50.10	0.29	NA	0.25	9.75	3312.08	
RW-3	10/17/18	3361.93	63.80	49.68	49.90	0.22	NA	0.25	9.75	3312.22	
RW-3	10/24/18	3361.93	63.80	49.82	50.01	0.19	NA	0.25	9.75	3312.08	
RW-3	10/31/18	3361.93	63.80	49.83	50.01	0.18	NA	0.25	9.75	3312.07	
RW-3	11/09/18	3361.93	63.80	49.78	49.96	0.18	NA	0.25	9.75	3312.12	
RW-3	11/13/18	3361.93	63.80	49.86	49.99	0.13	NA	0.25	9.75	3312.05	
RW-3	11/21/18	3361.93	63.80	49.88	50.00	0.12	NA	0.25	9.75	3312.03	
RW-3	11/27/18	3361.93	63.80	49.82	49.94	0.12	NA	0.25	9.75	3312.09	
RW-3	12/07/18	3361.93	63.80	49.89	50.02	0.13	NA	0.25	9.75	3312.02	
RW-3	12/12/18	3361.93	63.80	49.92	50.08	0.16	NA	0.25	9.75	3311.99	
RW-3	12/18/18	3361.93	63.80	49.90	50.09	0.19	NA	0.25	9.75	3312.00	
RW-3	01/03/19	3361.93	63.80	49.94	50.11	0.17	NA	sheen	10.00	3311.96	
RW-3	01/08/19	3361.93	63.80	49.92	50.12	0.20	NA	0.25	9.75	3311.98	
RW-3	01/29/19	3361.93	63.80	49.65	49.74	0.09	NA	sheen	10.00	3312.27	
RW-3	02/05/19	3361.93	63.80	49.76	49.90	0.14	NA	0.25	9.75	3312.15	
RW-3	02/12/19	3361.93	63.80	49.72	49.79	0.07	NA	0.25	9.75	3312.20	Sampled
RW-3	02/27/19	3361.93	63.80	49.70	49.81	0.11	NA	sheen	10.00	3312.21	
RW-3	03/06/19	3361.93	63.80	49.73	49.86	0.13	NA	0.25	9.75	3312.18	
RW-3	03/12/19	3361.93	63.80	49.75	49.91	0.16	NA	sheen	10.00	3312.16	
RW-3	03/21/19	3361.93	63.80	49.77	49.98	0.21	NA	sheen	10.00	3312.13	
RW-3	03/28/19	3361.93	63.80	49.71	49.99	0.28	NA	0.25	9.75	3312.18	
RW-3	04/02/19	3361.93	63.80	49.77	49.94	0.17	NA	sheen	10.00	3312.13	
RW-3	04/10/19	3361.93	63.80	49.70	49.86	0.16	NA	0.25	9.75	3312.21	
RW-3	04/16/19	3361.93	63.80	49.72	49.86	0.14	NA	sheen	10.00	3312.19	
RW-3	04/24/19	3361.93	63.80	49.75	49.87	0.12	NA	sheen	10.00	3312.16	
RW-3	05/01/19	3361.93	63.80	49.45	49.56	0.11	NA	sheen	10.00	3312.46	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-3	05/08/19	3361.93	63.80	49.47	49.54	0.07	NA	0.25	9.75	3312.45	
RW-3	05/17/19	3361.93	63.80	48.99	49.15	0.16	NA	0.25	9.75	3312.92	
RW-3	05/24/19	3361.93	63.80	49.01	49.18	0.17	NA	0.25	9.75	3312.89	
RW-3	06/05/19	3361.93	63.80	49.63	49.76	0.13	NA	sheen	10.00	3312.28	
RW-3	06/14/19	3361.93	63.80	49.43	49.45	0.02	NA	sheen	10.00	3312.50	
RW-3	06/20/19	3361.93	63.80	49.65	49.79	0.14	NA	sheen	10.00	3312.26	
RW-3	06/25/19	3361.93	63.80	49.48	49.49	0.01	NA	sheen	10.00	3312.45	
RW-3	07/02/19	3361.93	63.80	49.49	49.56	0.07	NA	sheen	10.00	3312.43	
RW-3	07/10/19	3361.93	63.80	49.49	49.52	0.03	NA	sheen	10.00	3312.44	
RW-3	07/26/19	3361.93	63.80	49.40	49.48	0.08	NA	sheen	10.00	3312.52	
RW-3	08/11/19	3361.93	63.80	49.48	49.56	0.08	NA	sheen	10.00	3312.44	
RW-3	08/14/19	3361.93	63.80	49.53	49.61	0.08	NA	sheen	10.00	3312.39	
RW-3	08/21/19	3361.93	63.80	49.48	49.49	0.01	NA	sheen	10.00	3312.45	
RW-3	09/06/19	3361.93	63.80	49.52	49.55	0.03	NA	0.25	9.75	3312.41	
RW-3	09/12/19	3361.93	63.80	49.52	49.53	0.01	NA	sheen	10.00	3312.41	
RW-3	09/19/19	3361.93	63.80	49.47	49.50	0.03	NA	sheen	10.00	3312.46	
RW-3	09/26/19	3361.93	63.80	49.86	50.02	0.16	NA	0.25	9.75	3312.05	
RW-3	10/16/19	3361.93	63.80	49.52	49.58	0.06	NA	sheen	10.00	3312.40	
RW-3	10/23/19	3361.93	63.80	49.48	49.52	0.04	NA	sheen	10.00	3312.44	
RW-3	10/31/19	3361.93	63.80	49.52	49.54	0.02	NA	sheen	10.00	3312.41	
RW-3	11/05/19	3361.93	63.80	49.45	49.47	0.02	NA	NA	NA	3312.48	
RW-3	11/14/19	3361.93	63.80	49.50	49.52	0.02	NA	sheen	10.00	3312.43	
RW-3	11/26/19	3361.93	63.80	49.41	49.43	0.02	NA	sheen	10.00	3312.52	
RW-3	12/03/19	3361.93	63.80	49.42	49.45	0.03	NA	sheen	10.00	3312.51	
RW-3	12/13/19	3361.93	63.80	49.47	49.50	0.03	NA	sheen	10.00	3312.46	
RW-3	12/20/19	3361.93	63.80	49.48	49.52	0.04	NA	sheen	10.00	3312.44	
RW-3	12/26/19	3361.93	63.80	49.45	49.48	0.03	NA	0.25	9.75	3312.48	
RW-3	01/02/20	3361.93	63.80	49.45	49.48	0.03	NA	sheen	10.00	3312.48	
RW-3	01/09/20	3361.93	63.80	49.39	49.41	0.02	NA	sheen	10.00	3312.54	
RW-3	01/14/20	3361.93	63.80	49.45	49.47	0.02	NA	sheen	10.00	3312.48	
RW-3	01/31/20	3361.93	63.80	49.36	49.37	0.01	NA	sheen	10.00	3312.57	
RW-3	02/07/20	3361.93	63.80	49.34	49.36	0.02	NA	sheen	10.00	3312.59	
RW-3	02/12/20	3361.93	63.80	49.32	49.34	0.02	NA	sheen	10.00	3312.61	
RW-3	02/19/20	3361.93	63.80	ND	49.35	ND	NA	sheen	10.00	3312.58	
RW-3	02/26/20	3361.93	63.80	49.31	49.32	0.01	NA	sheen	10.00	3312.62	
RW-3	03/05/20	3361.93	63.80	49.38	49.40	0.02	NA	sheen	10.00	3312.55	
RW-3	03/11/20	3361.93	63.80	sheen	49.33	sheen	NA	sheen	10.00	3312.60	
RW-3	03/17/20	3361.93	63.80	49.28	49.29	0.01	NA	sheen	10.00	3312.65	
RW-3	03/23/20	3361.93	63.80	49.30	49.31	0.01	NA	sheen	10.00	3312.63	
RW-3	05/07/20	3361.93	63.80	48.27	48.30	0.03	NA	NA	NA	3313.66	guage only
RW-3	05/20/20	3361.93	63.80	49.14	49.17	0.03	NA	sheen	10.00	3312.79	
RW-3	06/03/20	3361.93	63.80	49.15	49.16	0.01	NA	sheen	10.00	3312.78	
RW-3	06/16/20	3361.93	63.80	sheen	49.21	sheen	NA	sheen	10.00	3312.72	
RW-3	07/14/20	3361.93	63.80	sheen	49.15	sheen	NA	sheen	10.00	3312.78	
RW-3	08/18/20	3361.93	63.80	ND	49.18	ND	NA	sheen	10.00	3312.75	
RW-3	09/16/20	3361.93	63.80	sheen	49.26	sheen	NA	sheen	10.00	3312.67	
RW-3	10/08/20	3361.93	63.80	sheen	49.24	sheen	NA	sheen	10.00	3312.69	
RW-3	11/20/20	3361.93	63.80	ND	49.18	ND	NA	sheen	10.00	3312.75	
RW-3	12/04/20	3361.93	63.80	sheen	49.12	sheen	NA	sheen	10.00	3312.81	
RW-3	12/22/20	3361.93	63.80	49.22	49.23	0.01	NA	0.25	9.75	3312.71	
RW-4	12/06/06	3363.23	64.23	ND	49.80	ND	NA	NA	NA	3313.43	Sampled
RW-4	12/13/06	3363.23	NG	ND	49.83	ND	NA	NA	NA	3313.40	
RW-4	12/27/06	3363.23	NG	ND	49.63	ND	NA	NA	NA	3313.60	
RW-4	01/03/07	3363.23	NG	ND	49.78	ND	NA	NA	NA	3313.45	
RW-4	01/09/07	3363.23	NG	ND	49.78	ND	NA	NA	NA	3313.45	
RW-4	01/18/07	3363.23	NG	ND	49.65	ND	NA	NA	NA	3313.58	
RW-4	01/22/07	3363.23	NG	ND	49.59	ND	NA	NA	NA	3313.64	
RW-4	02/01/07	3363.23	NG	ND	49.54	ND	NA	NA	NA	3313.69	
RW-4	02/07/07	3363.23	NG	ND	49.68	ND	NA	NA	NA	3313.55	
RW-4	02/14/07	3363.23	NG	ND	49.66	ND	NA	NA	NA	3313.57	
RW-4	02/21/07	3363.23	NG	ND	49.68	ND	NA	NA	NA	3313.55	
RW-4	02/28/07	3363.23	64.25	ND	49.53	ND	NA	NA	NA	3313.70	Sampled
RW-4	03/07/07	3363.23	NG	ND	49.62	ND	NA	NA	NA	3313.61	
RW-4	04/03/07	3363.23	NG	ND	49.57	ND	NA	NA	NA	3313.66	
RW-4	05/03/07	3363.23	NG	ND	49.46	ND	NA	NA	NA	3313.77	
RW-4	05/30/07	3363.23	64.29	ND	49.52	ND	NA	NA	NA	3313.71	Sampled
RW-4	06/06/07	3363.23	64.32	ND	49.43	ND	NA	NA	NA	3313.80	
RW-4	07/05/07	3363.23	63.64	ND	49.43	ND	NA	NA	NA	3313.80	
RW-4	07/31/07	3363.23	63.65	ND	49.47	ND	NA	NA	NA	3313.76	
RW-4	09/06/07	3363.23	63.68	ND	49.43	ND	NA	NA	NA	3313.80	Sampled
RW-4	10/10/07	3363.23	63.65	ND	49.49	ND	NA	NA	NA	3313.74	
RW-4	11/13/07	3363.23	63.71	ND	49.55	ND	NA	NA	NA	3313.68	Sampled
RW-4	12/27/07	3363.23	63.71	ND	49.51	ND	NA	NA	NA	3313.72	
RW-4	01/09/08	3363.23	63.10	ND	49.46	ND	NA	NA	NA	3313.77	
RW-4	02/06/08	3363.23	63.10	ND	49.48	ND	NA	NA	NA	3313.75	
RW-4	02/27/08	3363.23	62.78	ND	49.61	ND	NA	NA	NA	3313.62	Sampled
RW-4	04/02/08	3363.23	62.78	ND	49.40	ND	NA	NA	NA	3313.83	
RW-4	05/28/08	3363.23	63.71	ND	49.58	ND	NA	NA	NA	3313.65	Sampled
RW-4	06/18/08	3363.23	63.71	ND	49.64	ND	NA	NA	NA	3313.59	
RW-4	07/07/08	3363.23	63.71	ND	49.62	ND	NA	NA	NA	3313.61	
RW-4	08/18/08	3363.23	63.73	ND	49.62	ND	NA	NA	NA	3313.61	Sampled
RW-4	10/29/08	3363.23	62.66	ND	49.72	ND	NA	NA	NA	3313.51	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-4	11/19/08	3363.23	62.66	ND	49.74	ND	NA	NA	NA	3313.49	Sampled
RW-4	12/21/08	3363.23	62.66	ND	49.78	ND	NA	NA	NA	3313.45	
RW-4	01/07/09	3363.23	63.47	ND	49.61	ND	NA	NA	NA	3313.62	
RW-4	02/04/09	3363.23	60.98	ND	49.71	ND	NA	NA	NA	3313.52	
RW-4	02/17/09	3363.23	62.80	ND	49.71	ND	NA	NA	NA	3313.52	Sampled
RW-4	03/04/09	3363.23	60.93	ND	49.68	ND	NA	NA	NA	3313.55	
RW-4	04/08/09	3363.23	60.93	ND	49.68	ND	NA	NA	NA	3313.55	
RW-4	04/08/09	3363.23	60.93	ND	49.71	ND	NA	NA	NA	3313.52	
RW-4	05/06/09	3363.23	60.93	ND	49.73	ND	NA	NA	NA	3313.50	
RW-4	05/19/09	3363.23	60.93	ND	49.80	ND	NA	NA	NA	3313.43	Sampled
RW-4	06/03/09	3363.23	60.93	ND	49.79	ND	NA	NA	NA	3313.44	
RW-4	07/15/09	3363.23	60.93	ND	49.83	ND	NA	NA	NA	3313.40	
RW-4	08/05/09	3363.23	60.93	ND	49.86	ND	NA	NA	NA	3313.37	
RW-4	08/26/09	3363.23	63.51	ND	49.90	ND	NA	NA	NA	3313.33	Sampled
RW-4	09/02/09	3363.23	63.51	ND	49.88	ND	NA	NA	NA	3313.35	
RW-4	10/07/09	3363.23	63.51	ND	49.89	ND	NA	NA	NA	3313.34	
RW-4	11/18/09	3363.23	63.51	ND	49.92	ND	NA	NA	NA	3313.31	Sampled
RW-4	12/02/09	3363.23	63.51	ND	49.97	ND	NA	NA	NA	3313.26	
RW-4	01/06/10	3363.22	63.51	ND	49.86	ND	NA	NA	NA	3313.36	
RW-4	02/11/10	3363.22	63.51	ND	49.90	ND	NA	NA	NA	3313.32	Sampled
RW-4	03/10/10	3363.22	63.51	ND	49.79	ND	NA	NA	NA	3313.43	
RW-4	04/07/10	3363.22	63.51	ND	49.85	ND	NA	NA	NA	3313.37	
RW-4	05/11/10	3363.22	63.51	ND	49.74	ND	NA	NA	NA	3313.48	Sampled
RW-4	06/02/10	3363.22	63.51	ND	49.74	ND	NA	NA	NA	3313.48	
RW-4	07/07/10	3363.22	63.51	ND	49.76	ND	NA	NA	NA	3313.46	
RW-4	08/03/10	3363.22	63.51	ND	49.77	ND	NA	NA	NA	3313.45	
RW-4	08/26/10	3363.22	63.51	ND	49.68	ND	NA	NA	NA	3313.54	Sampled
RW-4	09/01/10	3363.22	63.51	ND	49.68	ND	NA	NA	NA	3313.54	
RW-4	10/13/10	3363.22	63.51	ND	49.81	ND	NA	NA	NA	3313.41	
RW-4	11/18/10	3363.22	63.51	ND	49.76	ND	NA	NA	NA	3313.46	Sampled
RW-4	11/23/10	3363.22	63.51	ND	49.74	ND	NA	NA	NA	3313.48	
RW-4	12/08/10	3363.22	63.51	ND	49.78	ND	NA	NA	NA	3313.44	
RW-4	01/12/11	3363.22	63.51	ND	49.77	ND	NA	NA	NA	3313.45	
RW-4	02/08/11	3363.22	63.51	ND	49.64	ND	NA	NA	NA	3313.58	
RW-4	02/23/11	3363.22	63.51	ND	49.56	ND	NA	NA	NA	3313.66	Sampled
RW-4	03/08/11	3363.22	63.51	ND	49.86	ND	NA	NA	NA	3313.36	
RW-4	04/13/11	3363.22	63.51	ND	49.63	ND	NA	NA	NA	3313.59	
RW-4	06/01/11	3363.22	63.51	ND	49.71	ND	NA	NA	NA	3313.51	Sampled
RW-4	07/27/11	3363.22	63.51	ND	49.53	ND	NA	NA	NA	3313.69	
RW-4	08/30/11	3363.22	63.51	ND	49.82	ND	NA	NA	NA	3313.40	Sampled
RW-4	09/14/11	3363.22	63.51	ND	49.80	ND	NA	NA	NA	3313.42	
RW-4	10/12/11	3363.22	63.51	ND	49.87	ND	NA	NA	NA	3313.35	
RW-4	11/28/11	3363.22	63.51	ND	49.84	ND	NA	NA	NA	3313.38	Sampled
RW-4	12/27/11	3363.22	63.51	ND	49.84	ND	NA	NA	NA	3313.38	
RW-4	01/18/12	3363.22	63.51	ND	49.88	ND	NA	NA	NA	3313.34	
RW-4	02/02/12	3363.22	63.51	ND	49.78	ND	NA	NA	NA	3313.44	
RW-4	02/15/12	3363.22	63.51	ND	49.82	ND	NA	NA	NA	3313.40	
RW-4	02/22/12	3363.22	63.51	ND	49.76	ND	NA	NA	NA	3313.46	Sampled
RW-4	04/26/12	3363.22	63.51	ND	49.76	ND	NA	NA	NA	3313.46	
RW-4	05/22/12	3363.22	63.51	ND	49.70	ND	NA	NA	NA	3313.52	Sampled
RW-4	07/18/12	3363.22	63.51	ND	49.90	ND	NA	NA	NA	3313.32	
RW-4	09/11/12	3363.22	63.51	ND	49.93	ND	NA	NA	NA	3313.29	
RW-4	11/26/12	3363.22	63.51	ND	50.00	ND	NA	NA	NA	3313.22	
RW-4	02/27/13	3363.22	63.51	ND	50.11	ND	NA	NA	NA	3313.11	
RW-4	06/11/13	3363.22	63.51	ND	50.12	ND	NA	NA	NA	3313.10	
RW-4	08/14/13	3363.22	63.51	ND	50.21	ND	NA	NA	NA	3313.01	
RW-4	09/10/13	3363.22	63.65	ND	50.29	ND	NA	NA	NA	3312.93	
RW-4	11/06/13	3363.22	63.65	ND	50.29	ND	NA	NA	NA	3312.93	
RW-4	02/26/14	3363.22	63.65	ND	50.25	ND	NA	NA	NA	3312.97	
RW-4	03/05/14	3363.22	63.65	ND	50.26	ND	NA	NA	NA	3312.96	Sampled
RW-4	06/03/14	3363.22	63.65	ND	50.28	ND	NA	NA	NA	3312.94	Sampled
RW-4	09/17/14	3363.22	63.65	ND	50.44	ND	NA	NA	NA	3312.78	Sampled
RW-4	11/12/14	3363.22	63.65	ND	50.51	ND	NA	NA	NA	3312.71	Sampled
RW-4	02/25/15	3363.22	63.65	ND	50.44	ND	NA	NA	NA	3312.78	Sampled
RW-4	06/16/15	3363.22	63.65	ND	50.53	ND	NA	NA	NA	3312.69	Sampled
RW-4	08/26/15	3363.22	63.65	ND	50.59	ND	NA	NA	NA	3312.63	Sampled
RW-4	11/17/15	3363.22	63.65	ND	50.55	ND	NA	NA	NA	3312.67	Sampled
RW-4	03/08/16	3363.22	63.65	ND	50.42	ND	NA	NA	NA	3312.80	Sampled
RW-4	05/17/16	3363.22	63.65	ND	50.34	ND	NA	NA	NA	3312.88	Sampled
RW-4	09/19/16	3363.22	63.65	ND	50.31	ND	NA	NA	NA	3312.91	Sampled
RW-4	12/14/16	3363.22	63.65	ND	50.25	ND	NA	NA	NA	3312.97	Sampled
RW-4	05/08/17	3363.22	63.65	ND	50.09	ND	NA	NA	NA	3313.13	Sampled
RW-4	05/08/17	3363.22	63.65	ND	50.09	ND	NA	NA	NA	3313.13	Sampled
RW-4	09/14/17	3363.22	63.65	ND	50.11	ND	NA	NA	NA	3313.11	Sampled
RW-4	11/28/17	3363.22	63.65	ND	50.02	ND	NA	NA	NA	3313.20	Sampled
RW-4	03/06/18	3363.22	63.65	ND	49.86	ND	NA	NA	NA	3313.36	Sampled
RW-4	06/12/18	3363.22	63.65	ND	49.68	ND	NA	NA	NA	3313.54	Sampled
RW-4	09/05/18	3363.22	63.65	ND	49.69	ND	NA	NA	NA	3313.53	Sampled
RW-4	11/27/18	3363.22	63.65	ND	49.52	ND	NA	NA	NA	3313.70	Sampled
RW-4	02/12/19	3363.22	63.65	ND	49.46	ND	NA	NA	NA	3313.76	Sampled
RW-4	05/08/19	3363.22	63.65	ND	49.22	ND	NA	NA	NA	3314.00	Sampled
RW-4	08/21/19	3363.22	63.65	ND	49.21	ND	NA	NA	NA	3314.01	Sampled
RW-4	11/05/19	3363.22	63.65	ND	49.20	ND	NA	NA	NA	3314.02	Sampled
RW-4	03/17/20	3363.22	63.65	ND	49.02	ND	NA	NA	NA	3314.20	Sampled

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-4	06/16/20	3363.22	63.65	ND	48.94	ND	NA	NA	NA	3314.28	Sampled
RW-4	09/16/20	3363.22	63.65	ND	49.00	ND	NA	NA	NA	3314.22	Sampled
RW-4	12/22/20	3363.22	63.65	ND	48.95	ND	NA	NA	NA	3314.27	Sampled
RW-5	12/06/06	3362.38	64.00	ND	49.38	ND	NA	NA	NA	3313.00	Sampled
RW-5	12/13/06	3362.38	NG	ND	49.41	ND	NA	NA	NA	3312.97	
RW-5	12/27/06	3362.38	NG	ND	49.25	ND	NA	NA	NA	3313.13	
RW-5	01/03/07	3362.38	NG	ND	49.35	ND	NA	NA	NA	3313.03	
RW-5	01/09/07	3362.38	NG	ND	49.37	ND	NA	NA	NA	3313.01	
RW-5	01/18/07	3362.38	NG	ND	49.28	ND	NA	NA	NA	3313.10	
RW-5	01/22/07	3362.38	NG	ND	49.20	ND	NA	NA	NA	3313.18	
RW-5	02/01/07	3362.38	NG	ND	49.06	ND	NA	NA	NA	3313.32	
RW-5	02/07/07	3362.38	NG	ND	49.26	ND	NA	NA	NA	3313.12	
RW-5	02/14/07	3362.38	NG	ND	49.26	ND	NA	NA	NA	3313.12	
RW-5	02/21/07	3362.38	NG	ND	49.28	ND	NA	NA	NA	3313.10	
RW-5	02/28/07	3362.38	64.02	ND	49.13	ND	NA	NA	NA	3313.25	Sampled
RW-5	03/07/07	3362.38	NG	ND	49.22	ND	NA	NA	NA	3313.16	
RW-5	04/03/07	3362.38	NG	ND	49.19	ND	NA	NA	NA	3313.19	
RW-5	05/03/07	3362.38	NG	ND	49.08	ND	NA	NA	NA	3313.30	
RW-5	05/30/07	3362.38	64.02	ND	49.15	ND	NA	NA	NA	3313.23	Sampled
RW-5	06/06/07	3362.38	64.00	ND	49.02	ND	NA	NA	NA	3313.36	
RW-5	07/05/07	3362.38	64.02	ND	49.02	ND	NA	NA	NA	3313.36	
RW-5	07/31/07	3362.38	64.04	ND	49.07	ND	NA	NA	NA	3313.31	
RW-5	09/06/07	3362.38	64.05	ND	49.00	ND	NA	NA	NA	3313.38	Sampled
RW-5	09/10/07	3362.38	64.05	ND	49.02	ND	NA	NA	NA	3313.36	
RW-5	11/13/07	3362.38	64.00	ND	49.06	ND	NA	NA	NA	3313.32	Sampled
RW-5	12/27/07	3362.38	64.00	ND	49.02	ND	NA	NA	NA	3313.36	
RW-5	01/09/08	3362.38	64.00	ND	48.98	ND	NA	NA	NA	3313.40	
RW-5	02/06/08	3362.38	64.00	ND	49.03	ND	NA	NA	NA	3313.35	
RW-5	02/27/08	3362.38	64.00	ND	49.15	ND	NA	NA	NA	3313.23	Sampled
RW-5	04/02/08	3362.38	64.00	ND	48.98	ND	NA	NA	NA	3313.40	
RW-5	05/28/08	3362.38	64.00	ND	49.14	ND	NA	NA	NA	3313.24	Sampled
RW-5	06/18/08	3362.38	64.00	ND	49.20	ND	NA	NA	NA	3313.18	
RW-5	07/07/08	3362.38	64.00	ND	49.15	ND	NA	NA	NA	3313.23	
RW-5	08/18/08	3362.38	63.21	ND	49.21	ND	NA	NA	NA	3313.17	Sampled
RW-5	10/29/08	3362.38	63.18	ND	49.23	ND	NA	NA	NA	3313.15	
RW-5	11/19/08	3362.38	63.18	ND	49.28	ND	NA	NA	NA	3313.10	Sampled
RW-5	12/21/08	3362.38	63.18	ND	49.31	ND	NA	NA	NA	3313.07	
RW-5	01/07/09	3362.38	63.18	ND	49.20	ND	NA	NA	NA	3313.18	
RW-5	02/04/09	3362.38	60.91	ND	49.26	ND	NA	NA	NA	3313.12	
RW-5	02/17/09	3362.38	63.15	ND	49.25	ND	NA	NA	NA	3313.13	Sampled
RW-5	03/04/09	3362.38	63.65	ND	49.20	ND	NA	NA	NA	3313.18	
RW-5	04/08/09	3362.38	63.65	ND	49.26	ND	NA	NA	NA	3313.12	
RW-5	05/06/09	3362.38	63.65	ND	49.24	ND	NA	NA	NA	3313.14	
RW-5	05/19/09	3362.38	63.65	ND	49.35	ND	NA	NA	NA	3313.03	Sampled
RW-5	06/03/09	3362.38	63.65	ND	49.35	ND	NA	NA	NA	3313.03	
RW-5	07/15/09	3362.38	63.65	ND	49.40	ND	NA	NA	NA	3312.98	
RW-5	08/05/09	3362.38	63.65	ND	49.42	ND	NA	NA	NA	3312.96	
RW-5	08/26/09	3362.38	64.00	ND	49.42	ND	NA	NA	NA	3312.96	Sampled
RW-5	09/02/09	3362.38	64.00	ND	49.37	ND	NA	NA	NA	3313.01	
RW-5	10/07/09	3362.38	64.00	ND	49.44	ND	NA	NA	NA	3312.94	
RW-5	11/18/09	3362.38	64.00	ND	49.43	ND	NA	NA	NA	3312.95	Sampled
RW-5	12/02/09	3362.38	64.00	ND	49.48	ND	NA	NA	NA	3312.90	
RW-5	01/06/10	3362.38	64.00	ND	49.44	ND	NA	NA	NA	3312.94	
RW-5	02/11/10	3362.38	64.00	ND	49.40	ND	NA	NA	NA	3312.98	Sampled
RW-5	03/10/10	3362.38	64.00	ND	49.31	ND	NA	NA	NA	3313.07	
RW-5	04/07/10	3362.38	64.00	ND	49.37	ND	NA	NA	NA	3313.01	
RW-5	05/11/10	3362.38	64.00	ND	49.31	ND	NA	NA	NA	3313.07	Sampled
RW-5	06/02/10	3362.38	64.00	ND	49.27	ND	NA	NA	NA	3313.11	
RW-5	07/07/10	3362.38	64.00	ND	49.30	ND	NA	NA	NA	3313.08	
RW-5	08/03/10	3362.38	64.00	ND	49.28	ND	NA	NA	NA	3313.10	
RW-5	08/26/10	3362.38	64.00	ND	49.28	ND	NA	NA	NA	3313.10	Sampled
RW-5	09/01/10	3362.38	64.00	ND	49.23	ND	NA	NA	NA	3313.15	
RW-5	10/13/10	3362.38	64.00	ND	49.37	ND	NA	NA	NA	3313.01	
RW-5	11/18/10	3362.38	64.00	ND	49.32	ND	NA	NA	NA	3313.06	Sampled
RW-5	11/23/10	3362.38	64.00	ND	49.34	ND	NA	NA	NA	3313.04	
RW-5	12/08/10	3362.38	64.00	ND	49.31	ND	NA	NA	NA	3313.07	
RW-5	01/12/11	3362.38	64.00	ND	49.30	ND	NA	NA	NA	3313.08	
RW-5	02/08/11	3362.38	64.00	ND	49.15	ND	NA	NA	NA	3313.23	
RW-5	02/23/11	3362.38	64.00	ND	49.23	ND	NA	NA	NA	3313.15	Sampled
RW-5	03/08/11	3362.38	64.00	ND	49.17	ND	NA	NA	NA	3313.21	
RW-5	04/13/11	3362.38	64.00	ND	49.22	ND	NA	NA	NA	3313.16	
RW-5	06/01/11	3362.38	64.00	ND	49.24	ND	NA	NA	NA	3313.14	Sampled
RW-5	07/27/11	3362.38	64.00	ND	49.28	ND	NA	NA	NA	3313.10	
RW-5	08/30/11	3362.38	64.00	ND	49.33	ND	NA	NA	NA	3313.05	Sampled
RW-5	09/14/11	3362.38	64.00	ND	49.37	ND	NA	NA	NA	3313.01	
RW-5	10/12/11	3362.38	64.00	ND	49.41	ND	NA	NA	NA	3312.97	
RW-5	11/28/11	3362.38	64.00	ND	49.38	ND	NA	NA	NA	3313.00	Sampled
RW-5	12/27/11	3362.38	64.00	ND	49.41	ND	NA	NA	NA	3312.97	
RW-5	01/18/12	3362.38	64.00	ND	49.41	ND	NA	NA	NA	3312.97	
RW-5	02/02/12	3362.38	64.00	ND	49.30	ND	NA	NA	NA	3313.08	
RW-5	02/15/12	3362.38	64.00	ND	49.40	ND	NA	NA	NA	3312.98	
RW-5	02/22/12	3362.38	64.00	ND	49.34	ND	NA	NA	NA	3313.04	Sampled
RW-5	04/26/12	3362.38	64.00	ND	49.35	ND	NA	NA	NA	3313.03	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-5	05/22/12	3362.38	64.00	ND	49.28	ND	NA	NA	NA	3313.10	Sampled
RW-5	07/18/12	3362.38	64.00	ND	49.49	ND	NA	NA	NA	3312.89	
RW-5	09/11/12	3362.38	64.00	ND	49.54	ND	NA	NA	NA	3312.84	
RW-5	11/26/12	3362.38	64.00	ND	49.60	ND	NA	NA	NA	3312.78	
RW-5	02/27/13	3362.38	64.00	ND	49.70	ND	NA	NA	NA	3312.68	
RW-5	06/11/13	3362.38	64.00	ND	49.71	ND	NA	NA	NA	3312.67	
RW-5	08/14/13	3362.38	64.00	ND	49.79	ND	NA	NA	NA	3312.59	
RW-5	09/10/13	3362.38	64.00	ND	49.84	ND	NA	NA	NA	3312.54	
RW-5	11/06/13	3362.38	64.05	ND	49.86	ND	NA	NA	NA	3312.52	
RW-5	02/26/14	3362.38	64.05	ND	49.81	ND	NA	NA	NA	3312.57	
RW-5	03/05/14	3362.38	64.05	ND	49.85	ND	NA	NA	NA	3312.53	Sampled
RW-5	06/03/14	3362.38	64.05	ND	49.87	ND	NA	NA	NA	3312.51	Sampled
RW-5	09/17/14	3362.38	64.05	ND	50.02	ND	NA	NA	NA	3312.36	Sampled
RW-5	11/12/14	3362.38	64.05	ND	50.11	ND	NA	NA	NA	3312.27	Sampled
RW-5	02/25/15	3362.38	64.05	ND	49.97	ND	NA	NA	NA	3312.41	Sampled
RW-5	06/16/15	3362.38	64.05	ND	50.07	ND	NA	NA	NA	3312.31	Sampled
RW-5	08/26/15	3362.38	64.05	ND	50.15	ND	NA	NA	NA	3312.23	Sampled
RW-5	11/17/15	3362.38	64.05	ND	50.12	ND	NA	NA	NA	3312.26	Sampled
RW-5	03/08/16	3362.38	64.05	ND	49.98	ND	NA	NA	NA	3312.40	Sampled
RW-5	05/17/16	3362.38	64.05	ND	49.93	ND	NA	NA	NA	3312.45	Sampled
RW-5	09/19/16	3362.38	64.07	ND	49.92	ND	NA	NA	NA	3312.46	Sampled
RW-5	12/14/16	3362.38	64.07	ND	49.83	ND	NA	NA	NA	3312.55	Sampled
RW-5	05/08/17	3362.38	64.07	ND	49.68	ND	NA	NA	NA	3312.70	Sampled
RW-5	09/14/17	3362.38	64.07	ND	49.70	ND	NA	NA	NA	3312.68	Sampled
RW-5	11/28/17	3362.38	64.07	ND	49.62	ND	NA	NA	NA	3312.76	Sampled
RW-5	03/06/18	3362.38	64.07	ND	49.49	ND	NA	NA	NA	3312.89	Sampled
RW-5	06/12/18	3362.38	64.07	ND	49.31	ND	NA	NA	NA	3313.07	Sampled
RW-5	09/05/18	3362.38	64.07	ND	49.29	ND	NA	NA	NA	3313.09	Sampled
RW-5	11/27/18	3362.38	64.07	ND	49.18	ND	NA	NA	NA	3313.20	Sampled
RW-5	02/13/19	3362.38	64.07	ND	49.11	ND	NA	NA	NA	3313.27	Sampled
RW-5	05/08/19	3362.38	64.07	ND	48.84	ND	NA	NA	NA	3313.54	Sampled
RW-5	08/21/19	3362.38	64.07	ND	48.87	ND	NA	NA	NA	3313.51	Sampled
RW-5	11/05/19	3362.38	64.07	ND	48.85	ND	NA	NA	NA	3313.53	Sampled
RW-5	03/17/20	3362.38	64.07	ND	48.66	ND	NA	NA	NA	3313.72	Sampled
RW-5	06/16/20	3362.38	64.07	ND	48.60	ND	NA	NA	NA	3313.78	Sampled
RW-5	09/16/20	3362.38	64.07	ND	48.65	ND	NA	NA	NA	3313.73	Sampled
RW-5	12/22/20	3362.38	64.07	ND	48.60	ND	NA	NA	NA	3313.78	Sampled
RW-6	12/06/06	3363.11	64.19	ND	50.62	ND	NA	NA	NA	3312.49	Sampled
RW-6	12/13/06	3363.11	NG	ND	50.68	ND	NA	NA	NA	3312.43	
RW-6	12/27/06	3363.11	NG	ND	50.52	ND	NA	NA	NA	3312.59	
RW-6	01/03/07	3363.11	NG	ND	50.64	ND	NA	NA	NA	3312.47	
RW-6	01/09/07	3363.11	NG	ND	50.66	ND	NA	NA	NA	3312.45	
RW-6	01/18/07	3363.11	NG	ND	50.57	ND	NA	NA	NA	3312.54	
RW-6	01/22/07	3363.11	NG	ND	50.48	ND	NA	NA	NA	3312.63	
RW-6	02/01/07	3363.11	NG	ND	50.43	ND	NA	NA	NA	3312.68	
RW-6	02/07/07	3363.11	NG	ND	50.58	ND	NA	NA	NA	3312.53	
RW-6	02/14/07	3363.11	NG	ND	50.56	ND	NA	NA	NA	3312.55	
RW-6	02/21/07	3363.11	NG	ND	50.59	ND	NA	NA	NA	3312.52	
RW-6	02/28/07	3363.11	64.20	ND	50.40	ND	NA	NA	NA	3312.71	Sampled
RW-6	03/07/07	3363.11	NG	ND	50.50	ND	NA	NA	NA	3312.61	
RW-6	04/03/07	3363.11	NG	ND	50.47	ND	NA	NA	NA	3312.64	
RW-6	05/03/07	3363.11	NG	ND	50.35	ND	NA	NA	NA	3312.76	
RW-6	05/30/07	3363.11	64.19	ND	50.42	ND	NA	NA	NA	3312.69	Sampled
RW-6	06/06/07	3363.11	64.20	ND	50.31	ND	NA	NA	NA	3312.80	
RW-6	07/05/07	3363.11	64.18	ND	50.26	ND	NA	NA	NA	3312.85	
RW-6	07/31/07	3363.11	64.17	ND	50.30	ND	NA	NA	NA	3312.81	
RW-6	09/06/07	3363.11	64.19	ND	50.30	ND	NA	NA	NA	3312.81	Sampled
RW-6	10/10/07	3363.11	64.19	ND	50.34	ND	NA	NA	NA	3312.77	
RW-6	11/13/07	3363.11	64.18	ND	50.35	ND	NA	NA	NA	3312.76	Sampled
RW-6	12/27/07	3363.11	64.18	ND	50.30	ND	NA	NA	NA	3312.81	
RW-6	01/09/08	3363.11	64.18	ND	50.27	ND	NA	NA	NA	3312.84	
RW-6	02/06/08	3363.11	64.18	ND	50.31	ND	NA	NA	NA	3312.80	
RW-6	02/27/08	3363.11	64.13	ND	50.47	ND	NA	NA	NA	3312.64	Sampled
RW-6	04/02/08	3363.11	64.13	ND	50.26	ND	NA	NA	NA	3312.85	
RW-6	05/28/08	3363.11	64.13	ND	50.45	ND	NA	NA	NA	3312.66	Sampled
RW-6	06/18/08	3363.11	64.13	ND	50.52	ND	NA	NA	NA	3312.59	
RW-6	07/07/08	3363.11	64.13	ND	50.42	ND	NA	NA	NA	3312.69	
RW-6	08/18/08	3363.11	64.17	ND	50.48	ND	NA	NA	NA	3312.63	Sampled
RW-6	10/29/08	3363.11	63.80	ND	50.55	ND	NA	NA	NA	3312.56	
RW-6	11/19/08	3363.11	63.80	ND	50.56	ND	NA	NA	NA	3312.55	Sampled
RW-6	12/21/08	3363.11	63.80	ND	50.59	ND	NA	NA	NA	3312.52	
RW-6	01/07/09	3363.11	63.84	ND	50.46	ND	NA	NA	NA	3312.65	
RW-6	02/04/09	3363.11	63.85	ND	50.51	ND	NA	NA	NA	3312.60	
RW-6	02/17/09	3363.11	64.15	ND	50.50	ND	NA	NA	NA	3312.61	Sampled
RW-6	03/04/09	3363.11	63.81	ND	50.48	ND	NA	NA	NA	3312.63	
RW-6	04/08/09	3363.11	63.81	ND	50.54	ND	NA	NA	NA	3312.57	
RW-6	05/06/09	3363.11	63.81	ND	50.59	ND	NA	NA	NA	3312.52	
RW-6	05/19/09	3363.11	63.81	ND	50.64	ND	NA	NA	NA	3312.47	Sampled
RW-6	06/03/09	3363.11	63.81	ND	50.60	ND	NA	NA	NA	3312.51	
RW-6	07/15/09	3363.11	63.81	ND	50.70	ND	NA	NA	NA	3312.41	
RW-6	08/05/09	3363.11	63.81	ND	50.70	ND	NA	NA	NA	3312.41	
RW-6	08/26/09	3363.11	64.12	ND	50.72	ND	NA	NA	NA	3312.39	Sampled
RW-6	09/02/09	3363.11	64.12	ND	50.70	ND	NA	NA	NA	3312.41	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-6	10/07/09	3363.11	64.12	ND	50.72	ND	NA	NA	NA	3312.39	
RW-6	11/18/09	3363.11	64.12	ND	50.72	ND	NA	NA	NA	3312.39	
RW-6	12/02/09	3363.11	64.12	ND	50.79	ND	NA	NA	NA	3312.32	
RW-6	01/06/10	3363.11	64.12	ND	50.72	ND	NA	NA	NA	3312.39	
RW-6	02/11/10	3363.11	64.12	ND	50.70	ND	NA	NA	NA	3312.41	Sampled
RW-6	03/10/10	3363.11	64.12	ND	50.61	ND	NA	NA	NA	3312.50	
RW-6	04/07/10	3363.11	64.12	ND	50.64	ND	NA	NA	NA	3312.47	
RW-6	05/11/10	3363.11	64.12	ND	50.58	ND	NA	NA	NA	3312.53	Sampled
RW-6	06/02/10	3363.11	64.12	ND	50.56	ND	NA	NA	NA	3312.55	
RW-6	07/07/10	3363.11	64.12	ND	50.58	ND	NA	NA	NA	3312.53	
RW-6	08/03/10	3363.11	64.12	ND	50.57	ND	NA	NA	NA	3312.54	
RW-6	08/26/10	3363.11	64.12	ND	50.55	ND	NA	NA	NA	3312.56	Sampled
RW-6	09/01/10	3363.11	64.12	ND	50.51	ND	NA	NA	NA	3312.60	
RW-6	10/13/10	3363.11	64.12	ND	50.68	ND	NA	NA	NA	3312.43	
RW-6	11/18/10	3363.11	64.12	ND	50.57	ND	NA	NA	NA	3312.54	Sampled
RW-6	11/23/10	3363.11	64.12	ND	50.60	ND	NA	NA	NA	3312.51	
RW-6	12/08/10	3363.11	64.12	ND	50.63	ND	NA	NA	NA	3312.48	
RW-6	01/12/11	3363.11	64.12	ND	50.61	ND	NA	NA	NA	3312.50	
RW-6	02/08/11	3363.11	64.12	ND	50.46	ND	NA	NA	NA	3312.65	
RW-6	02/23/11	3363.11	64.12	ND	50.50	ND	NA	NA	NA	3312.61	Sampled
RW-6	03/08/11	3363.11	64.12	ND	50.49	ND	NA	NA	NA	3312.62	
RW-6	04/13/11	3363.11	64.12	ND	50.48	ND	NA	NA	NA	3312.63	
RW-6	06/01/11	3363.11	64.12	ND	50.51	ND	NA	NA	NA	3312.60	Sampled
RW-6	07/27/11	3363.11	64.12	ND	50.58	ND	NA	NA	NA	3312.53	
RW-6	08/30/11	3363.11	64.12	ND	50.60	ND	NA	NA	NA	3312.51	Sampled
RW-6	09/14/11	3363.11	64.12	ND	50.69	ND	NA	NA	NA	3312.42	
RW-6	10/12/11	3363.11	64.12	ND	50.70	ND	NA	NA	NA	3312.41	
RW-6	11/28/11	3363.11	64.12	ND	50.69	ND	NA	NA	NA	3312.42	Sampled
RW-6	12/27/11	3363.11	64.12	ND	50.71	ND	NA	NA	NA	3312.40	
RW-6	01/18/12	3363.11	64.12	ND	50.68	ND	NA	NA	NA	3312.43	
RW-6	02/02/12	3363.11	64.12	ND	50.60	ND	NA	NA	NA	3312.51	
RW-6	02/15/12	3363.11	64.12	ND	50.68	ND	NA	NA	NA	3312.43	
RW-6	02/22/12	3363.11	64.12	ND	50.57	ND	NA	NA	NA	3312.54	Sampled
RW-6	04/26/12	3363.11	64.12	ND	50.61	ND	NA	NA	NA	3312.50	
RW-6	05/22/12	3363.11	64.12	ND	50.55	ND	NA	NA	NA	3312.56	Sampled
RW-6	07/18/12	3363.11	64.12	ND	50.77	ND	NA	NA	NA	3312.34	
RW-6	09/11/12	3363.11	64.12	ND	50.78	ND	NA	NA	NA	3312.33	
RW-6	11/26/12	3363.11	64.12	ND	50.85	ND	NA	NA	NA	3312.26	
RW-6	02/27/13	3363.11	64.12	ND	50.96	ND	NA	NA	NA	3312.15	
RW-6	06/11/13	3363.11	64.12	ND	50.95	ND	NA	NA	NA	3312.16	
RW-6	08/14/13	3363.11	64.12	ND	51.05	ND	NA	NA	NA	3312.06	
RW-6	09/10/13	3363.11	64.12	ND	51.11	ND	NA	NA	NA	3312.00	
RW-6	11/06/13	3363.11	64.22	ND	51.13	ND	NA	NA	NA	3311.98	
RW-6	02/26/14	3363.11	64.22	ND	51.06	ND	NA	NA	NA	3312.05	
RW-6	03/05/14	3363.11	64.22	ND	51.11	ND	NA	NA	NA	3312.00	Sampled
RW-6	06/03/14	3363.11	64.22	ND	51.11	ND	NA	NA	NA	3312.00	Sampled
RW-6	09/17/14	3363.11	64.22	ND	51.27	ND	NA	NA	NA	3311.84	Sampled
RW-6	11/12/14	3363.11	64.22	ND	51.35	ND	NA	NA	NA	3311.76	Sampled
RW-6	02/25/15	3363.11	64.22	ND	51.18	ND	NA	NA	NA	3311.93	Sampled
RW-6	06/16/15	3363.11	64.22	ND	51.31	ND	NA	NA	NA	3311.80	Sampled
RW-6	08/26/15	3363.11	64.22	ND	51.39	ND	NA	NA	NA	3311.72	Sampled
RW-6	11/17/15	3363.11	64.22	ND	51.35	ND	NA	NA	NA	3311.76	Sampled
RW-6	03/08/16	3363.11	64.22	ND	51.21	ND	NA	NA	NA	3311.90	Sampled
RW-6	05/17/16	3363.11	64.22	ND	51.17	ND	NA	NA	NA	3311.94	Sampled
RW-6	09/19/16	3363.11	64.27	ND	50.97	ND	NA	NA	NA	3312.14	Sampled
RW-6	12/14/16	3363.11	64.27	ND	51.03	ND	NA	NA	NA	3312.08	Sampled
RW-6	05/08/17	3363.11	64.27	ND	50.92	ND	NA	NA	NA	3312.19	Sampled
RW-6	09/14/17	3363.11	64.27	ND	50.93	ND	NA	NA	NA	3312.18	Sampled
RW-6	11/28/17	3363.11	64.27	ND	50.88	ND	NA	NA	NA	3312.23	Sampled
RW-6	03/06/18	3363.11	64.27	ND	50.72	ND	NA	NA	NA	3312.39	Sampled
RW-6	06/12/18	3363.11	64.27	ND	50.60	ND	NA	NA	NA	3312.51	Sampled
RW-6	09/05/18	3363.11	64.27	ND	50.60	ND	NA	NA	NA	3312.51	Sampled
RW-6	11/27/18	3363.11	64.27	ND	50.45	ND	NA	NA	NA	3312.66	Sampled
RW-6	02/12/19	3363.11	64.27	ND	50.38	ND	NA	NA	NA	3312.73	Sampled
RW-6	05/08/19	3363.11	64.27	ND	50.12	ND	NA	NA	NA	3312.99	Sampled
RW-6	08/21/19	3363.11	64.27	ND	50.16	ND	NA	NA	NA	3312.95	Sampled
RW-6	11/05/19	3363.11	64.27	ND	50.12	ND	NA	NA	NA	3312.99	Sampled
RW-6	03/17/20	3363.11	64.27	ND	49.92	ND	NA	NA	NA	3313.19	Sampled
RW-6	06/16/20	3363.11	64.27	ND	49.88	ND	NA	NA	NA	3313.23	Sampled
RW-6	09/16/20	3363.11	64.27	ND	49.95	ND	NA	NA	NA	3313.16	Sampled
RW-6	12/22/20	3363.11	64.27	ND	49.96	ND	NA	NA	NA	3313.15	Sampled
RW-7	11/06/13	3362.52	68.56	ND	50.53	ND	NA	NA	NA	3311.99	
RW-7	11/20/13	3362.52	68.56	ND	50.35	ND	NA	NA	NA	3312.17	
RW-7	11/27/13	3362.52	68.56	ND	50.14	ND	NA	NA	NA	3312.38	
RW-7	12/17/13	3362.52	68.56	ND	50.45	ND	NA	NA	NA	3312.07	
RW-7	01/02/14	3362.52	68.56	ND	50.48	ND	NA	NA	NA	3312.04	
RW-7	01/15/14	3362.52	68.56	ND	50.42	ND	NA	NA	NA	3312.10	
RW-7	01/22/14	3362.52	68.56	ND	50.38	ND	NA	NA	NA	3312.14	
RW-7	01/30/14	3362.52	68.56	ND	50.33	ND	NA	NA	NA	3312.19	
RW-7	02/05/14	3362.52	68.56	ND	50.44	ND	NA	NA	NA	3312.08	
RW-7	02/13/14	3362.52	68.56	ND	50.36	ND	NA	NA	NA	3312.16	
RW-7	02/20/14	3362.52	68.56	ND	50.38	ND	NA	NA	NA	3312.14	
RW-7	02/26/14	3362.52	68.56	ND	50.40	ND	NA	NA	NA	3312.12	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-7	03/05/14	3362.52	68.56	ND	50.43	ND	NA	NA	NA	3312.09	Sampled
RW-7	03/18/14	3362.52	68.56	ND	50.35	ND	NA	NA	NA	3312.17	Sampled
RW-7	04/02/14	3362.52	68.56	ND	50.42	ND	NA	NA	NA	3312.10	Sampled
RW-7	04/09/14	3362.52	68.56	ND	50.39	ND	NA	NA	NA	3312.13	
RW-7	04/15/14	3362.52	68.56	ND	50.38	ND	NA	NA	NA	3312.14	
RW-7	04/23/14	3362.52	68.56	ND	50.39	ND	NA	NA	NA	3312.13	
RW-7	05/04/14	3362.52	68.56	ND	50.38	ND	NA	NA	NA	3312.14	
RW-7	05/07/14	3362.52	68.56	ND	50.39	ND	NA	NA	NA	3312.13	
RW-7	05/16/14	3362.52	68.56	ND	50.35	ND	NA	NA	NA	3312.17	
RW-7	05/20/14	3362.52	68.56	ND	50.38	ND	NA	NA	NA	3312.14	
RW-7	06/03/14	3362.52	68.56	ND	50.43	ND	NA	NA	NA	3312.09	
RW-7	06/19/14	3362.52	68.56	ND	50.47	ND	NA	NA	NA	3312.05	
RW-7	06/25/14	3362.52	68.56	ND	50.47	ND	NA	NA	NA	3312.05	
RW-7	07/09/14	3362.52	68.56	ND	50.49	ND	NA	NA	NA	3312.03	
RW-7	07/16/14	3362.52	68.56	ND	50.48	ND	NA	NA	NA	3312.04	
RW-7	07/23/14	3362.52	68.56	ND	50.48	ND	NA	NA	NA	3312.04	
RW-7	07/29/14	3362.52	68.56	ND	50.50	ND	NA	NA	NA	3312.02	
RW-7	08/12/14	3362.52	68.56	ND	50.56	ND	NA	NA	NA	3311.96	
RW-7	08/21/14	3362.52	68.56	ND	50.53	ND	NA	NA	NA	3311.99	
RW-7	08/27/14	3362.52	68.56	ND	50.61	ND	NA	NA	NA	3311.91	
RW-7	09/03/14	3362.52	68.56	ND	50.58	ND	NA	NA	NA	3311.94	
RW-7	09/09/14	3362.52	68.56	ND	50.52	ND	NA	NA	NA	3312.00	
RW-7	09/17/14	3362.52	68.65	ND	50.51	ND	NA	NA	NA	3312.01	Sampled
RW-7	09/29/14	3362.52	68.65	ND	50.50	ND	NA	NA	NA	3312.02	
RW-7	11/12/14	3362.52	68.65	ND	50.65	ND	NA	NA	NA	3311.87	
RW-7	02/25/15	3362.52	68.56	ND	50.52	ND	NA	NA	NA	3312.00	Sampled
RW-7	04/29/15	3362.52	68.56	ND	50.60	ND	NA	NA	NA	3311.92	
RW-7	06/09/15	3362.52	68.56	ND	50.59	ND	NA	NA	NA	3311.93	
RW-7	06/16/15	3362.52	68.56	ND	50.62	ND	NA	NA	NA	3311.90	Sampled
RW-7	08/26/15	3362.52	68.56	ND	50.70	ND	NA	NA	NA	3311.82	Sampled
RW-7	10/13/15	3362.52	68.56	ND	50.76	ND	NA	NA	20.00	3311.76	
RW-7	10/20/15	3362.52	68.56	ND	50.69	ND	NA	NA	20.00	3311.83	
RW-7	11/03/15	3362.52	68.56	ND	50.72	ND	NA	NA	20.00	3311.80	
RW-7	11/17/15	3362.52	68.56	ND	50.68	ND	NA	NA	NA	3311.84	Sampled
RW-7	03/08/16	3362.52	68.56	ND	50.53	ND	NA	NA	NA	3311.99	Sampled
RW-7	05/17/16	3362.52	68.56	ND	50.48	ND	NA	NA	NA	3312.04	Sampled
RW-7	09/19/16	3362.52	68.56	ND	49.87	ND	NA	NA	NA	3312.65	Sampled
RW-7	12/14/16	3362.52	68.56	ND	49.78	ND	NA	NA	NA	3312.74	Sampled
RW-7	05/08/17	3362.52	68.56	ND	49.62	ND	NA	NA	NA	3312.90	Sampled
RW-7	09/14/17	3362.52	68.56	ND	49.63	ND	NA	NA	NA	3312.89	Sampled
RW-7	11/28/17	3362.52	68.56	ND	49.58	ND	NA	NA	NA	3312.94	Sampled
RW-7	03/06/18	3362.52	68.56	ND	49.41	ND	NA	NA	NA	3313.11	Sampled
RW-7	06/12/18	3362.52	68.56	ND	49.25	ND	NA	NA	NA	3313.27	Sampled
RW-7	09/05/18	3362.52	68.56	ND	49.25	ND	NA	NA	NA	3313.27	Sampled
RW-7	11/27/18	3362.52	68.56	ND	49.10	ND	NA	NA	NA	3313.42	Sampled
RW-7	02/12/19	3362.52	68.56	ND	49.04	ND	NA	NA	NA	3313.48	Sampled
RW-7	05/08/19	3362.52	68.56	ND	48.82	ND	NA	NA	NA	3313.70	Sampled
RW-7	08/21/19	3362.52	68.56	ND	48.84	ND	NA	NA	NA	3313.68	Sampled
RW-7	11/05/19	3362.52	68.56	ND	48.80	ND	NA	NA	NA	3313.72	Sampled
RW-7	03/17/20	3362.52	68.56	ND	48.62	ND	NA	NA	NA	3313.90	Sampled
RW-7	06/16/20	3362.52	68.56	ND	48.56	ND	NA	NA	NA	3313.96	Sampled
RW-7	09/16/20	3362.52	68.56	ND	48.61	ND	NA	NA	NA	3313.91	Sampled
RW-7	12/22/20	3362.52	68.56	ND	48.58	ND	NA	NA	NA	3313.94	Sampled
RW-8	11/06/13	3362.52	64.22	50.3	52.20	1.90	NA	NA	NA	3311.94	
RW-8	11/20/13	3362.52	64.22	50.15	52.10	1.95	NA	2.50	2.50	3312.08	
RW-8	11/27/13	3362.52	64.22	50.25	52.10	1.85	NA	3.00	2.00	3311.99	
RW-8	12/17/13	3362.52	64.22	50.48	52.10	1.62	NA	2.50	14.00	3311.80	
RW-8	01/02/14	3362.52	64.22	50.28	52.15	1.87	NA	NA	NA	3311.96	50 GAL
RW-8	01/09/14	3362.52	64.22	50.17	51.99	1.82	NA	NA	NA	3312.08	50 GAL
RW-8	01/15/14	3362.52	64.22	50.23	51.95	1.72	NA	NA	NA	3312.03	
RW-8	01/22/14	3362.52	64.22	50.16	51.91	1.75	NA	NA	NA	3312.10	
RW-8	01/30/14	3362.52	64.22	50.12	51.91	1.79	NA	10.00	40.00	3312.13	
RW-8	02/05/14	3362.52	64.22	50.25	51.95	1.70	NA	25.00	75.00	3312.02	
RW-8	02/06/14	3362.52	64.22	50.25	51.77	1.52	NA	12.50	37.50	3312.04	
RW-8	02/13/14	3362.52	64.22	50.2	51.73	1.53	NA	15.00	35.00	3312.09	
RW-8	02/20/14	3362.52	64.22	50.21	51.81	1.60	NA	7.50	22.50	3312.07	
RW-8	02/26/14	3362.52	64.22	50.21	51.71	1.50	NA	15.00	35.00	3312.09	
RW-8	03/05/14	3362.52	64.22	50.24	51.91	1.67	NA	15.00	35.00	3312.03	
RW-8	03/18/14	3362.52	64.22	50.17	51.83	1.66	NA	15.00	35.00	3312.10	
RW-8	04/02/14	3362.52	64.22	50.22	51.84	1.62	NA	15.00	35.00	3312.06	
RW-8	04/09/14	3362.52	64.22	50.18	51.81	1.63	NA	15.00	60.00	3312.10	
RW-8	04/15/14	3362.52	64.22	50.24	51.75	1.51	NA	15.00	35.00	3312.05	
RW-8	04/23/14	3362.52	64.22	50.3	51.75	1.45	NA	13.00	22.00	3312.00	
RW-8	05/04/14	3362.52	64.22	50.18	51.81	1.63	NA	3.00	17.00	3312.10	
RW-8	05/07/14	3362.52	64.22	50.25	50.78	0.53	NA	2.00	38.00	3312.19	
RW-8	05/16/14	3362.52	64.22	50.19	51.98	1.79	NA	10.00	30.00	3312.06	
RW-8	05/20/14	3362.52	64.22	50.22	51.76	1.54	NA	10.00	30.00	3312.07	
RW-8	06/03/14	3362.52	64.22	50.23	51.98	1.75	NA	10.00	30.00	3312.03	
RW-8	06/19/14	3362.52	64.22	50.27	51.93	1.66	NA	15.00	25.00	3312.00	
RW-8	06/25/14	3362.52	64.22	50.3	51.52	1.22	NA	15.00	25.00	3312.04	
RW-8	07/09/14	3362.52	64.22	50.3	51.96	1.66	NA	15.00	35.00	3311.97	
RW-8	07/16/14	3362.52	64.22	50.31	51.91	1.60	NA	15.00	35.00	3311.97	
RW-8	07/23/14	3362.52	64.22	50.36	51.85	1.49	NA	13.00	37.00	3311.94	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-8	07/29/14	3362.52	64.22	50.4	51.65	1.25	NA	13.00	37.00	3311.93	
RW-8	08/12/14	3362.52	64.22	50.36	52.11	1.75	NA	13.00	37.00	3311.90	
RW-8	08/21/14	3362.52	64.22	50.36	51.95	1.59	NA	NA	NA	3311.92	
RW-8	08/27/14	3362.52	64.22	50.4	52.13	1.73	NA	5.00	15.00	3311.86	
RW-8	09/03/14	3362.52	64.22	50.39	52.10	1.71	NA	NA	NA	3311.87	
RW-8	09/09/14	3362.52	64.22	50.41	51.48	1.07	NA	10.00	20.00	3311.95	
RW-8	09/17/14	3362.52	68.34	50.47	51.68	1.21	NA	50.00	100.00	3311.87	
RW-8	09/29/14	3362.52	68.34	50.37	51.88	1.51	NA	NA	NA	3311.92	
RW-8	10/15/14	3362.52	68.34	50.49	51.73	1.24	NA	NA	NA	3311.84	
RW-8	10/29/14	3362.52	68.34	50.43	51.64	1.21	NA	10.00	40.00	3311.91	
RW-8	11/04/14	3362.52	68.34	50.38	51.51	1.13	NA	2.00	18.00	3311.97	
RW-8	11/12/14	3362.52	68.34	50.51	51.60	1.09	NA	10.00	40.00	3311.85	
RW-8	11/18/14	3362.52	68.34	50.41	51.50	1.09	NA	5.00	35.00	3311.95	
RW-8	11/25/14	3362.52	68.34	50.32	51.36	1.04	NA	2.00	13.00	3312.04	
RW-8	12/17/14	3362.52	68.34	50.35	51.60	1.25	NA	1.00	9.00	3311.98	
RW-8	12/22/14	3362.52	68.34	50.38	51.51	1.13	NA	1.00	9.00	3311.97	
RW-8	12/29/14	3362.52	68.34	50.4	50.55	0.15	NA	2.00	18.00	3312.10	
RW-8	01/08/15	3362.52	68.34	50.35	51.45	1.10	NA	10.00	20.00	3312.01	
RW-8	01/14/15	3362.52	68.34	50.75	51.60	0.85	NA	10.00	40.00	3311.64	
RW-8	01/21/15	3362.52	68.34	50.44	51.60	1.16	NA	10.00	20.00	3311.91	
RW-8	01/28/15	3362.52	68.34	50.43	51.70	1.27	NA	20.00	30.00	3311.90	
RW-8	02/06/15	3362.52	68.34	50.45	51.63	1.18	NA	15.00	35.00	3311.89	
RW-8	02/10/15	3362.52	68.34	50.44	51.61	1.17	NA	15.00	35.00	3311.90	
RW-8	02/17/15	3362.52	68.34	50.46	51.51	1.05	NA	NA	NA	3311.90	
RW-8	02/25/15	3362.52	68.34	50.41	51.58	1.17	NA	5.00	20.00	3311.93	
RW-8	03/05/15	3362.52	68.34	50.57	51.78	1.21	NA	15.00	35.00	3311.77	
RW-8	03/11/15	3362.52	68.34	50.5	51.71	1.21	NA	15.00	35.00	3311.84	
RW-8	03/23/15	3362.52	68.34	50.45	51.60	1.15	NA	10.00	40.00	3311.90	
RW-8	03/31/15	3362.52	68.34	50.44	51.68	1.24	NA	10.00	40.00	3311.89	
RW-8	04/07/15	3362.52	68.34	50.46	51.60	1.14	NA	10.00	40.00	3311.89	
RW-8	04/15/15	3362.52	68.34	50.44	51.60	1.16	NA	10.00	40.00	3311.91	
RW-8	04/21/15	3362.52	68.34	50.46	51.59	1.13	NA	10.00	40.00	3311.89	
RW-8	04/29/15	3362.52	68.34	50.48	51.50	1.02	NA	10.00	40.00	3311.89	
RW-8	05/06/15	3362.52	68.34	50.5	51.30	0.80	NA	10.00	40.00	3311.90	
RW-8	05/27/15	3362.52	68.34	50.52	51.42	0.90	NA	10.00	40.00	3311.87	
RW-8	06/04/15	3362.52	68.34	50.51	51.32	0.81	NA	10.00	40.00	3311.89	
RW-8	06/09/15	3362.52	68.34	50.52	51.35	0.83	NA	15.00	35.00	3311.88	
RW-8	06/16/15	3362.52	68.34	50.66	51.38	0.72	NA	NA	NA	3311.75	sampled
RW-8	07/01/15	3362.52	68.34	50.53	51.31	0.78	NA	10.00	20.00	3311.87	
RW-8	07/08/15	3362.52	68.34	50.56	51.44	0.88	NA	10.00	20.00	3311.83	
RW-8	07/14/15	3362.52	68.34	50.54	51.41	0.87	NA	10.00	20.00	3311.85	
RW-8	07/21/15	3362.52	68.34	50.52	51.30	0.78	NA	10.00	30.00	3311.88	
RW-8	07/28/15	3362.52	68.34	nd	ng	nd	NA	10.00	40.00	ng	interface malfunction
RW-8	08/05/15	3362.52	68.34	50.6	51.37	0.77	NA	10.00	40.00	3311.80	
RW-8	08/12/15	3362.52	68.34	50.64	51.37	0.73	NA	10.00	30.00	3311.77	
RW-8	08/20/15	3362.52	68.34	50.64	51.33	0.69	NA	10.00	40.00	3311.78	
RW-8	08/26/15	3362.52	68.34	50.64	61.36	10.72	NA	NA	NA	3310.27	
RW-8	09/01/15	3362.52	68.34	50.65	51.41	0.76	NA	10.00	40.00	3311.76	
RW-8	09/10/15	3362.52	68.34	50.65	51.42	0.77	NA	10.00	40.00	3311.75	
RW-8	09/16/15	3362.52	68.34	50.65	51.40	0.75	NA	10.00	40.00	3311.76	
RW-8	09/28/15	3362.52	68.34	50.04	51.55	1.51	NA	10.00	40.00	3312.25	
RW-8	10/06/15	3362.52	68.34	50.7	51.78	1.08	NA	10.00	40.00	3311.66	
RW-8	10/13/15	3362.52	68.34	50.7	51.45	0.75	NA	10.00	40.00	3311.71	
RW-8	10/20/15	3362.52	68.34	50.66	51.35	0.69	NA	10.00	40.00	3311.76	
RW-8	10/28/15	3362.52	68.34	50.76	51.51	0.75	NA	10.00	40.00	3311.65	
RW-8	11/03/15	3362.52	68.34	50.68	51.41	0.73	NA	10.00	40.00	3311.73	
RW-8	11/12/15	3362.52	68.34	50.7	51.48	0.78	NA	10.00	40.00	3311.70	
RW-8	11/17/15	3362.52	68.34	50.62	51.35	0.73	NA	NA	NA	3311.79	
RW-8	11/24/15	3362.52	68.34	50.65	51.42	0.77	NA	10.00	40.00	3311.75	
RW-8	12/09/15	3362.52	68.34	50.62	51.38	0.76	NA	10.00	40.00	3311.79	
RW-8	12/15/15	3362.52	68.34	50.59	51.37	0.78	NA	10.00	40.00	3311.81	
RW-8	12/31/15	3362.52	68.34	50.63	51.44	0.81	NA	10.00	40.00	3311.77	
RW-8	01/05/16	3362.52	68.34	50.57	51.36	0.79	NA	1.00	49.00	3311.83	
RW-8	01/19/16	3362.52	68.34	50.57	51.35	0.78	NA	2.00	48.00	3311.83	
RW-8	01/26/16	3362.52	68.34	50.62	51.44	0.82	NA	5.00	45.00	3311.78	
RW-8	02/02/16	3362.52	68.34	50.52	51.33	0.81	NA	5.00	45.00	3311.88	
RW-8	02/09/16	3362.52	68.34	50.58	51.24	0.66	NA	5.00	45.00	3311.84	
RW-8	02/17/16	3362.52	68.34	50.53	51.23	0.70	NA	5.00	45.00	3311.89	
RW-8	02/24/16	3362.52	68.34	50.59	51.38	0.79	NA	5.00	45.00	3311.81	
RW-8	03/01/16	3362.52	68.34	50.59	51.23	0.64	NA	5.00	15.00	3311.83	
RW-8	03/08/16	3362.52	68.34	50.5	51.11	0.61	NA	NA	NA	3311.93	
RW-8	03/15/16	3362.52	68.34	50.55	51.26	0.71	NA	5.00	45.00	3311.86	
RW-8	03/22/16	3362.52	68.34	50.48	51.11	0.63	NA	1.00	49.00	3311.95	
RW-8	03/29/16	3362.52	68.34	50.47	51.10	0.63	NA	1.00	49.00	3311.96	
RW-8	04/05/16	3362.52	68.34	50.49	51.10	0.61	NA	1.00	49.00	3311.94	
RW-8	04/12/16	3362.52	68.34	50.59	50.62	0.03	NA	1.00	49.00	3311.93	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-8	04/20/16	3362.52	68.34	50.47	51.06	0.59	NA	1.00	49.00	3311.96	
RW-8	04/27/16	3362.52	68.34	50.44	50.96	0.52	NA	1.00	49.00	3312.00	
RW-8	05/05/16	3362.52	68.34	50.45	50.95	0.50	NA	2.00	48.00	3312.00	
RW-8	05/12/16	3362.52	68.34	50.45	50.99	0.54	NA	2.00	48.00	3311.99	
RW-8	05/17/16	3362.52	68.34	50.45	51.00	0.55	NA	3.00	62.00	3311.99	
RW-8	05/26/16	3362.52	68.34	50.38	50.86	0.48	NA	2.00	48.00	3312.07	
RW-8	06/02/16	3362.52	68.34	50.44	50.96	0.52	NA	2.00	38.00	3312.00	
RW-8	06/10/16	3362.52	68.34	50.44	50.90	0.46	NA	2.00	38.00	3312.01	
RW-8	06/23/16	3362.52	68.34	50.4	50.87	0.47	NA	2.00	38.00	3312.05	
RW-8	06/27/16	3362.52	68.34	50.44	50.95	0.51	NA	2.00	38.00	3312.00	
RW-8	07/06/16	3362.52	68.34	50.39	50.93	0.54	NA	2.00	38.00	3312.05	
RW-8	07/15/16	3362.52	68.34	50.45	51.00	0.55	NA	2.00	38.00	3311.99	
RW-8	07/21/16	3362.52	68.34	50.49	50.98	0.49	NA	2.00	28.00	3311.96	
RW-8	07/26/16	3362.52	68.34	50.44	50.97	0.53	NA	2.00	48.00	3312.00	
RW-8	08/02/16	3362.52	68.34	50.45	51.06	0.61	NA	3.00	47.00	3311.98	
RW-8	08/08/16	3362.52	68.34	50.4	50.92	0.52	NA	5.00	65.00	3312.04	
RW-8	08/16/16	3362.52	68.34	50.44	50.92	0.48	NA	2.00	73.00	3312.01	
RW-8	08/23/16	3362.52	68.34	50.44	50.97	0.53	NA	3.00	72.00	3312.00	
RW-8	08/31/16	3362.52	68.34	50.47	51.04	0.57	NA	2.00	28.00	3311.96	
RW-8	09/07/16	3362.52	68.34	50.46	51.02	0.56	NA	3.00	47.00	3311.98	
RW-8	09/19/16	3362.52	68.34	50.45	50.97	0.52	NA	NA	NA	3311.99	
RW-8	09/27/16	3362.52	68.34	50.41	50.93	0.52	NA	3.00	47.00	3312.03	
RW-8	10/04/16	3362.52	68.34	50.35	50.86	0.51	NA	3.00	47.00	3312.09	
RW-8	10/11/16	3362.52	68.34	50.38	50.90	0.52	NA	3.00	47.00	3312.06	
RW-8	10/18/16	3362.52	68.34	50.38	50.91	0.53	NA	3.00	47.00	3312.06	
RW-8	11/02/16	3362.52	68.34	50.37	50.88	0.51	NA	2.00	48.00	3312.07	
RW-8	11/08/16	3362.52	68.34	50.38	50.81	0.43	NA	2.00	48.00	3312.08	
RW-8	11/15/16	3362.52	68.34	50.31	50.72	0.41	NA	3.00	47.00	3312.15	
RW-8	11/22/16	3362.52	68.34	50.32	50.70	0.38	NA	2.00	48.00	3312.14	
RW-8	11/30/16	3362.52	68.34	50.39	50.92	0.53	NA	2.00	48.00	3312.05	
RW-8	12/07/16	3362.52	68.34	50.33	50.76	0.43	NA	2.00	48.00	3312.13	
RW-8	12/14/16	3362.52	68.34	50.33	50.75	0.42	NA	NA	NA	3312.13	
RW-8	12/22/16	3362.52	68.34	50.34	50.75	0.41	NA	2.00	48.00	3312.12	
RW-8	12/28/16	3362.52	68.34	50.32	50.75	0.43	NA	2.00	38.00	3312.14	
RW-8	01/04/17	3362.52	68.34	50.32	50.78	0.46	NA	2.00	48.00	3312.13	
RW-8	01/10/17	3362.52	68.34	50.28	50.80	0.52	NA	2.00	48.00	3312.16	
RW-8	01/17/17	3362.52	68.34	50.33	50.78	0.45	NA	2.00	48.00	3312.12	
RW-8	01/24/17	3362.52	68.34	50.25	50.70	0.45	NA	2.00	48.00	3312.20	
RW-8	01/31/17	3362.52	68.34	50.29	50.70	0.41	NA	3.00	47.00	3312.17	
RW-8	02/07/17	3362.52	68.34	50.28	50.65	0.37	NA	3.00	47.00	3312.18	
RW-8	02/14/17	3362.52	68.34	50.28	50.69	0.41	NA	2.00	48.00	3312.18	
RW-8	02/22/17	3362.52	68.34	50.22	50.60	0.38	NA	2.00	48.00	3312.24	
RW-8	03/07/17	3362.52	68.34	50.32	50.70	0.38	NA	3.00	47.00	3312.14	
RW-8	03/14/17	3362.52	68.34	50.25	50.76	0.51	NA	3.00	47.00	3312.19	
RW-8	03/21/17	3362.52	68.34	50.23	50.81	0.58	NA	3.00	22.00	3312.20	
RW-8	03/28/17	3362.52	68.34	50.18	50.74	0.56	NA	3.00	47.00	3312.26	
RW-8	04/04/17	3362.52	68.34	50.21	50.70	0.49	NA	3.00	47.00	3312.24	
RW-8	04/11/17	3362.52	68.34	50.28	50.75	0.47	NA	2.00	48.00	3312.17	
RW-8	04/18/17	3362.52	68.34	50.27	50.70	0.43	NA	2.00	48.00	3312.19	
RW-8	04/25/17	3362.52	68.34	50.25	50.80	0.55	NA	2.00	48.00	3312.19	
RW-8	05/02/17	3362.52	68.34	50.2	50.78	0.58	NA	2.00	48.00	3312.23	
RW-8	05/08/17	3362.52	68.34	50.2	50.49	0.29	NA	2.00	48.00	3312.28	sampled
RW-8	05/25/17	3362.52	68.34	50.29	50.76	0.47	NA	2.00	48.00	3312.16	
RW-8	06/01/17	3362.52	68.34	50.23	50.75	0.52	NA	2.00	48.00	3312.21	
RW-8	06/05/17	3362.52	68.34	50.2	50.60	0.40	NA	2.00	23.00	3312.26	
RW-8	06/13/17	3362.52	68.34	50.22	50.65	0.43	NA	2.00	23.00	3312.24	
RW-8	06/20/17	3362.52	68.34	50.26	50.66	0.40	NA	2.00	48.00	3312.20	
RW-8	06/27/17	3362.52	68.34	50.24	50.70	0.46	NA	2.00	48.00	3312.21	
RW-8	07/06/17	3362.52	68.34	50.28	50.75	0.47	NA	2.00	48.00	3312.17	
RW-8	07/11/17	3362.52	68.34	50.22	50.73	0.51	NA	2.00	48.00	3312.22	
RW-8	07/18/17	3362.52	68.34	50.28	50.76	0.48	NA	2.00	18.00	3312.17	
RW-8	07/25/17	3362.52	68.34	50.22	50.70	0.48	NA	2.00	23.00	3312.23	
RW-8	08/01/17	3362.52	68.34	50.29	50.72	0.43	NA	2.00	23.00	3312.17	
RW-8	08/08/17	3362.52	68.34	50.25	50.70	0.45	NA	2.00	23.00	3312.20	
RW-8	08/15/17	3362.52	68.34	50.28	50.70	0.42	NA	2.00	23.00	3312.18	
RW-8	08/22/17	3362.52	68.34	50.3	50.78	0.48	NA	2.00	23.00	3312.15	
RW-8	08/30/17	3362.52	68.34	50.31	50.76	0.45	NA	2.00	23.00	3312.14	
RW-8	09/07/17	3362.52	68.34	50.35	50.78	0.43	NA	2.00	23.00	3312.11	
RW-8	09/14/17	3362.52	68.34	50.3	50.75	0.45	NA	NA	NA	3312.15	
RW-8	09/27/17	3362.52	68.34	50.25	50.65	0.40	NA	2.00	23.00	3312.21	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-8	10/04/17	3362.52	68.34	50.27	50.70	0.43	NA	2.00	23.00	3312.19	
RW-8	10/12/17	3362.52	68.34	50.3	50.71	0.41	NA	2.00	23.00	3312.16	
RW-8	10/18/17	3362.52	68.34	50.36	50.75	0.39	NA	2.00	23.00	3312.10	
RW-8	10/26/17	3362.52	68.34	50.3	50.70	0.40	NA	2.00	23.00	3312.16	
RW-8	11/01/17	3362.52	68.34	50.28	50.60	0.32	NA	2.00	23.00	3312.19	
RW-8	11/09/17	3362.52	68.34	50.25	50.68	0.43	NA	2.00	23.00	3312.21	
RW-8	11/16/17	3362.52	68.34	50.16	50.54	0.38	NA	2.00	23.00	3312.30	
RW-8	11/28/17	3362.52	68.34	50.2	50.60	0.40	NA	NA	NA	3312.26	
RW-8	12/06/17	3362.52	68.34	50.13	51.38	1.25	NA	2.00	23.00	3312.20	
RW-8	12/13/17	3362.52	68.34	50.08	50.58	0.50	NA	2.00	23.00	3312.37	
RW-8	01/03/18	3362.52	68.34	50.08	50.55	0.47	NA	2.00	23.00	3312.37	
RW-8	01/10/18	3362.52	68.34	50.02	50.41	0.39	NA	2.00	23.00	3312.44	
RW-8	01/17/18	3362.52	68.34	50.12	50.54	0.42	NA	4.00	21.00	3312.34	
RW-8	01/25/18	3362.52	68.34	49.98	50.39	0.41	NA	6.00	14.00	3312.48	
RW-8	02/01/18	3362.52	68.34	49.49	50.35	0.86	NA	3.00	22.00	3312.90	
RW-8	02/14/18	3362.52	68.34	49.94	50.29	0.35	NA	3.00	22.00	3312.53	
RW-8	02/21/18	3362.52	68.34	49.96	50.35	0.39	NA	0.50	24.50	3312.50	
RW-8	02/28/18	3362.52	68.34	49.88	50.20	0.32	NA	1.00	24.00	3312.59	
RW-8	03/06/18	3362.52	68.34	49.95	50.76	0.81	NA	NA	NA	3312.45	
RW-8	03/15/18	3362.52	68.34	49.91	50.49	0.58	NA	3.00	22.00	3312.52	
RW-8	03/22/18	3362.52	68.34	49.98	50.50	0.52	NA	2.00	23.00	3312.46	
RW-8	03/28/18	3362.52	68.34	50.04	50.21	0.17	NA	2.00	23.00	3312.45	
RW-8	04/04/18	3362.52	68.34	49.99	50.26	0.27	NA	2.00	23.00	3312.49	
RW-8	04/11/18	3362.52	68.34	49.98	50.28	0.30	NA	2.00	23.00	3312.50	
RW-8	04/19/18	3362.52	68.34	50.04	50.31	0.27	NA	2.00	23.00	3312.44	
RW-8	04/24/18	3362.52	68.34	49.98	50.26	0.28	NA	2.00	23.00	3312.50	
RW-8	05/02/18	3362.52	68.34	49.87	50.28	0.41	NA	3.00	22.00	3312.59	
RW-8	05/09/18	3362.52	68.34	49.90	50.26	0.36	NA	3.00	22.00	3312.57	
RW-8	05/15/18	3362.52	68.34	49.85	50.26	0.41	NA	3.00	22.00	3312.61	
RW-8	05/22/18	3362.52	68.34	49.84	50.21	0.37	NA	2.00	23.00	3312.62	
RW-8	05/30/18	3362.52	68.34	49.87	50.11	0.24	NA	2.00	23.00	3312.61	
RW-8	06/12/18	3362.52	68.34	49.85	50.15	0.30	NA	2.00	23.00	3312.63	sampled
RW-8	06/19/18	3362.52	68.34	49.88	50.11	0.23	NA	3.00	22.00	3312.61	
RW-8	06/29/18	3362.52	68.34	49.91	50.09	0.18	NA	3.00	22.00	3312.58	
RW-8	07/05/18	3362.52	68.34	49.86	50.33	0.47	NA	2.00	13.00	3312.59	
RW-8	07/11/18	3362.52	68.34	49.9	50.28	0.38	NA	2.00	23.00	3312.56	
RW-8	07/18/18	3362.52	68.34	49.82	50.14	0.32	NA	2.00	23.00	3312.65	
RW-8	07/26/18	3362.52	68.34	49.88	50.30	0.42	NA	2.00	23.00	3312.58	
RW-8	07/26/18	3362.52	68.34	49.9	50.28	0.38	NA	2.00	23.00	3312.56	
RW-8	08/07/18	3362.52	68.34	49.86	50.23	0.37	NA	3.00	22.00	3312.60	
RW-8	08/14/18	3362.52	68.34	49.81	50.23	0.42	NA	2.00	23.00	3312.65	
RW-8	08/21/18	3362.52	68.34	49.8	50.26	0.46	NA	3.00	22.00	3312.65	
RW-8	08/30/18	3362.52	68.34	49.91	50.22	0.31	NA	2.00	23.00	3312.56	
RW-8	09/05/18	3362.52	68.34	49.88	50.21	0.33	NA	2.00	23.00	3312.59	
RW-8	09/18/18	3362.52	68.34	49.78	50.24	0.46	NA	2.00	23.00	3312.67	
RW-8	09/26/18	3362.52	68.34	49.88	50.31	0.43	NA	3.00	22.00	3312.58	
RW-8	10/03/18	3362.52	68.34	49.91	50.36	0.45	NA	3.00	22.00	3312.54	
RW-8	10/11/18	3362.52	68.34	49.85	50.29	0.44	NA	3.00	22.00	3312.60	
RW-8	10/17/18	3362.52	68.34	49.65	49.94	0.29	NA	3.00	22.00	3312.83	
RW-8	10/24/18	3362.52	68.34	49.85	50.16	0.31	NA	2.00	23.00	3312.62	
RW-8	10/31/18	3362.52	68.34	49.88	50.09	0.21	NA	3.00	22.00	3312.61	
RW-8	11/06/18	3362.52	68.34	49.72	50.06	0.34	NA	3.00	22.00	3312.75	
RW-8	11/13/18	3362.52	68.34	49.9	50.11	0.21	NA	3.00	22.00	3312.59	
RW-8	11/21/18	3362.52	68.34	49.69	49.90	0.21	NA	2.00	23.00	3312.80	
RW-8	11/27/18	3362.52	68.34	49.72	49.98	0.26	NA	2.00	23.00	3312.76	
RW-8	12/07/18	3362.52	68.34	49.72	49.94	0.22	NA	3.00	22.00	3312.77	
RW-8	12/12/18	3362.52	68.34	49.75	49.99	0.24	NA	2.00	23.00	3312.73	
RW-8	12/18/18	3362.52	68.34	49.78	49.96	0.18	NA	3.00	22.00	3312.71	
RW-8	01/03/19	3362.52	68.34	49.87	50.28	0.41	NA	3.00	22.00	3312.59	
RW-8	01/08/19	3362.52	68.34	49.82	49.99	0.17	NA	3.00	22.00	3312.67	
RW-8	01/29/19	3362.52	68.34	49.6	49.74	0.14	NA	sheen	20.00	3312.90	
RW-8	02/05/19	3362.52	68.34	49.19	49.97	0.78	NA	0.50	19.50	3313.21	
RW-8	02/12/19	3362.52	68.34	49.68	49.81	0.13	NA	2.00	23.00	3312.82	
RW-8	02/27/19	3362.52	68.34	49.7	49.86	0.16	NA	2.00	23.00	3312.80	
RW-8	03/06/19	3362.52	68.34	49.76	49.96	0.20	NA	2.00	23.00	3312.73	
RW-8	03/12/19	3362.52	68.34	49.76	49.99	0.23	NA	2.00	23.00	3312.73	
RW-8	03/21/19	3362.52	68.34	49.79	50.03	0.24	NA	2.00	23.00	3312.69	
RW-8	03/28/19	3362.52	68.34	49.78	50.01	0.23	NA	2.00	23.00	3312.71	
RW-8	04/02/19	3362.52	68.34	49.8	50.05	0.25	NA	2.00	23.00	3312.68	
RW-8	04/10/19	3362.52	68.34	49.72	50.00	0.28	NA	2.00	23.00	3312.76	
RW-8	04/16/19	3362.52	68.34	49.71	50.04	0.33	NA	2.00	23.00	3312.76	
RW-8	04/24/19	3362.52	68.34	49.72	50.01	0.29	NA	2.00	23.00	3312.76	
RW-8	05/01/19	3362.52	68.34	49.42	49.61	0.19	NA	2.00	23.00	3313.07	

TABLE 2
2006-2020 Historical Well Survey Data and Groundwater Elevations
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

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		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-8	05/08/19	3362.52	68.34	49.46	49.61	0.15	NA	2.00	23.00	3313.04	
RW-8	05/17/19	3362.52	68.34	49.51	49.68	0.17	NA	2.00	23.00	3312.98	
RW-8	05/24/19	3362.52	68.34	49.55	49.67	0.12	NA	2.00	23.00	3312.95	
RW-8	06/05/19	3362.52	68.34	49.59	49.73	0.14	NA	2.00	23.00	3312.91	
RW-8	06/14/19	3362.52	68.34	49.45	49.46	0.01	NA	sheen	10.00	3313.07	
RW-8	06/20/19	3362.52	68.34	49.62	49.70	0.08	NA	2.00	23.00	3312.89	
RW-8	06/25/19	3362.52	68.34	49.49	49.63	0.14	NA	0.25	10.00	3313.01	
RW-8	07/02/19	3362.52	68.34	49.51	49.53	0.02	NA	0.25	24.75	3313.01	
RW-8	07/10/19	3362.52	68.34	49.5	49.52	0.02	NA	sheen	10.00	3313.02	
RW-8	07/26/19	3362.52	68.34	49.46	49.50	0.04	NA	0.25	9.75	3313.05	
RW-8	08/11/19	3362.52	68.34	49.46	49.57	0.11	NA	0.25	1.75	3313.04	
RW-8	08/14/19	3362.52	68.34	49.48	49.53	0.05	NA	sheen	10.00	3313.03	
RW-8	08/21/19	3362.52	68.34	49.49	49.50	0.01	NA	sheen	25.00	3313.03	
RW-8	09/06/19	3362.52	68.34	49.46	49.60	0.14	NA	0.25	9.75	3313.04	
RW-8	09/12/19	3362.52	68.34	ND	49.58	ND	NA	NA	NA	3312.94	
RW-8	09/19/19	3362.52	68.34	ND	48.52	ND	NA	NA	NA	3314.00	
RW-8	09/26/19	3362.52	68.34	49.88	50.10	0.22	NA	3.00	22.00	3312.61	
RW-8	10/16/19	3362.52	68.34	49.48	49.51	0.03	NA	sheen	10.00	3313.04	
RW-8	10/23/19	3362.52	68.34	49.45	49.50	0.05	NA	2.00	23.00	3313.06	
RW-8	10/31/19	3362.52	68.34	49.55	49.62	0.07	NA	sheen	10.00	3312.96	
RW-8	11/05/19	3362.52	68.34	49.42	49.44	0.02	NA	NA	NA	3313.10	
RW-8	11/14/19	3362.52	68.34	49.58	49.60	0.02	NA	sheen	10.00	3312.94	
RW-8	11/26/19	3362.52	68.34	49.38	49.41	0.03	NA	sheen	10.00	3313.14	
RW-8	12/03/19	3362.52	68.34	49.39	49.40	0.01	NA	sheen	10.00	3313.13	
RW-8	12/13/19	3362.52	68.34	49.35	49.40	0.05	NA	NA	NA	3313.16	MDPE
RW-8	12/20/19	3362.52	68.34	ND	49.42	ND	NA	3.00	22.00	3313.10	
RW-8	12/26/19	3362.52	68.34	ND	49.40	ND	NA	2.00	23.00	3313.12	0.24
RW-8	01/02/20	3362.52	68.34	49.45	49.47	0.02	NA	sheen	10.00	3313.07	
RW-8	01/09/20	3362.52	68.34	ND	49.35	ND	NA	NA	NA	3313.17	
RW-8	01/14/20	3362.52	68.34	ND	49.37	ND	NA	NA	10.00	3313.15	
RW-8	01/31/20	3362.52	68.34	sheen	49.32	sheen	NA	sheen	10.00	3313.20	
RW-8	02/07/20	3362.52	68.34	sheen	49.32	sheen	NA	sheen	10.00	3313.20	
RW-8	02/12/20	3362.52	68.34	sheen	49.28	sheen	NA	sheen	10.00	3313.24	
RW-8	02/19/20	3362.52	68.34	49.32	49.35	0.03	NA	sheen	10.00	3313.20	
RW-8	02/26/20	3362.52	68.34	49.37	49.41	0.04	NA	sheen	10.00	3313.14	
RW-8	03/05/20	3362.52	68.34	49.37	49.41	0.04	NA	sheen	10.00	3313.14	
RW-8	03/11/20	3362.52	68.34	49.33	49.35	0.02	NA	sheen	10.00	3313.19	
RW-8	03/17/20	3362.52	68.34	49.23	49.24	0.01	NA	sheen	10.00	3313.29	
RW-8	03/23/20	3362.52	68.34	49.24	49.26	0.02	NA	sheen	10.00	3313.28	
RW-8	05/07/20	3362.52	68.34	49.20	49.24	0.04	NA	NA	NA	3313.31	guage only
RW-8	05/20/20	3362.52	68.34	49.13	49.20	0.07	NA	0.25	9.75	3313.38	
RW-8	06/03/20	3362.52	68.34	49.11	49.17	0.06	NA	0.25	9.75	3313.40	
RW-8	06/16/20	3362.52	68.34	sheen	49.20	sheen	NA	sheen	10.00	3313.32	
RW-8	07/14/20	3362.52	68.34	49.12	49.21	0.09	NA	0.25	9.75	3313.39	
RW-8	08/18/20	3362.52	68.34	49.13	49.30	0.17	NA	0.50	9.50	3313.36	
RW-8	09/16/20	3362.52	68.34	48.15	48.22	0.07	NA	0.25	9.75	3314.36	
RW-8	10/08/20	3362.52	68.34	49.21	49.22	0.01	NA	sheen	10.00	3313.31	
RW-8	11/20/20	3362.52	68.34	49.13	49.28	0.15	NA	0.25	9.75	3313.37	
RW-8	12/04/20	3362.52	68.34	49.10	50.19	1.09	NA	3.50	21.50	3313.26	
RW-8	12/22/20	3362.52	68.34	49.18	50.00	0.82	NA	2.00	23.00	3313.22	

Wells re-surveyed in November 2006, RW-2 used as bench mark (3362.00 ft)

NA: Not applicable
ND: Not detected
NG: Not gauged
* Possible error in field reading, corrected and noted as such in field notes

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 22400

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay St, Ste 1600 Houston, TX 77002	OGRID: 34053
	Action Number: 22400
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2020 ANNUAL GROUNDWATER MONITORING REPORT: Content satisfactory Contractor recommendations approved by OCD and are as follows; 1. Continue PSH recovery from wells RW-1 through RW-3 and RW-8 on a monthly basis 2. Continue groundwater monitoring semi-annually from monitor wells MW-1, MW-2, RW-5 and RW-6 3. OCD approves the groundwater sampling reduction to semi-annually for monitor wells MW-4, MW-6, and MW-7 4. Complete quarterly groundwater sampling of monitor wells MW-3, MW-5, recovery wells RW-1, RW-2, RW-3, RW-7, and RW-8 if no measurable PSH is observed 5. Submit the Annual Monitoring Report to the OCD no later than March 31, 2022.	1/12/2022