REVIEWED
By Mike Buchanan at 2:59 pm, Dec 18, 2024

2023 ANNUAL GROUNDWATER MONITORING REPORT

Vacuum to Jal 14” Mainline #5
Lea County, New Mexico
UL-A, Section 2, T22S, R37E
NMOCD No.: 1R-0464
.: 2003-00134
PP2108847697

Review of the 2023 Annual Groundwater Monitoring Report for Vacuum to Jal 14" Mainline #5: content satisfactory.
1. Plains has continued to remove LNAPL/PSH on a monthly basis from recovery wells: RW-1 through RW-3, RW-8 if present.
2. Approximately 22 gallons of PSH was removed from applicable wells and affected groundwater and transported off-site by Gandy Corporation as the hauler.
3. Please indicate which facility this is going to for disposal on the 2024 annual monitoring report, as there is not one listed in the report.
4. Continue to sample on a semi-annual basis for MW-1, MW-2, MW-4, MW-6, MW-7, RW-5, RW-6
5. Conduct quarterly sampling of monitoring wells MW-3, MW-5, and RW 1, RW-2, RW-3, and RW-8, if there is no measureable PSH. PAHs may be discontinued for sampling after 2 consecutive years--eight (8) quarters total for ND results or substantially below the WQCC human health standards.
6. Submit the 2024 annual report to OCD by June 4, 2024.

ED FOR

PLAINS
PELINE, L.P.

t, Suite 1900
xas 77002

RED BY
NG CORPORATION
AVE., SUITE 300
S, TEXAS 77380
281.362.2714
Project No. PAA12015

June 4, 2024

Bill Goldsby

BILL GOLDSBY, P.G.
SENIOR PROJECT MANAGER

Peter V. Schram, 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 located approximately two (2) miles east of Eunice, New Mexico, and more specifically at latitude 32° 25' 39.006" and longitude 103° 07' 43.155" (**Figure 1**). The hydrocarbon impact at the Site is the result of a 20-barrel (bbl) crude oil release which 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 2023. 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 the 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 Release was apparently caused by internal or external corrosion. The line was being pressure tested when the Release 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 which required excavation. The larger of the excavations was an irregularly shaped area measuring approximately 40-feet by 200-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 which 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

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asphaltene layer which 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 the COCs from further affecting the groundwater. The plan called for the placement of an impermeable liner at the base of the excavation to mitigate 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 established the COCs in groundwater had 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

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

EnTech was retained by Plains in July 2012 to manage groundwater and product recovery activities at the Site. As part of the remediation effort, two (2) recovery wells (RW-7 and RW-8), were installed in 2013. Since 2013, quarterly groundwater sampling and PSH recovery have been ongoing.

This report summarizes the activities conducted in 2023 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.

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2.0 GROUNDWATER ASSESSMENT AND RESULTS

2.1 Groundwater Sampling Methodology

Activities conducted at the Site in 2023 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 PSH thicknesses ranging from 0.01-foot (ft.) to 0.55-ft. during 2023. 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 (AGWMR), the NMOCD requested any monitor well which had a COC exceeding NMOCD standards be sampled for polycyclic aromatic hydrocarbons (PAH). To meet these two (2) requirements and for consistency, groundwater samples collected from recovery wells RW-1 through RW-3 and RW-8 were evaluated annually for benzene, toluene, ethylbenzene, and total xylenes (BTEX) and PAH constituents from 2008 through 2021.

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 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) in Mount Juliet, Tennessee for analysis. The groundwater samples were analyzed

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for 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 collected before each quarterly sampling event in 2021-2023. Historical groundwater elevation and PSH thickness measurements recorded since March 6, 2018, 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 2023 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 7, June 21, September 28, and December 7, 2023. The hydraulic gradient in 2023 ranged from 0.0024- to 0.0047-foot/feet (ft/ft), based on groundwater elevations measured between monitor wells MW-4 and MW-1. The groundwater flow direction has consistently been to the south.

2.4 Groundwater Analytical Results

Groundwater samples were collected on March 8, June 21, September 29, and December 8, 2023, from all wells which 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 Mount Juliet, Tennessee for analysis. Groundwater samples collected from select monitor/recovery wells were analyzed for BTEX in all four (4) quarters of 2023.

Groundwater samples were collected from monitor/recovery wells MW-3, MW-6, RW-1, and RW-7 during the first quarter 2023 sampling event, whereas samples were collected from monitor/recovery wells MW-1 through MW-7 and RW-1 through RW-8 during the second quarter 2023 sampling event. Monitor/recovery wells MW-1 through MW-7, RW-1, and RW-3 through RW-7 were sampled during the third and fourth quarter 2023 sampling events.

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Analytical results reported for the groundwater samples collected from wells MW-1 through MW-7 and RW-1 through RW-8, indicated nondetectable BTEX concentrations or concentrations below the NMOCD groundwater remediation criteria during 2023. The groundwater sample collected from recovery well RW-8 was also analyzed for PAH during the second quarter 2023 sampling event. Analysis of the sample collected from RW-8 reported a total methylnaphthalene concentration of 0.13193 milligrams per liter (mg/L) as the only COC with a concentration above the NMOCD remediation criteria of 0.03 mg/L.

Table 2.4.1 below summarizes the benzene concentrations analyzed in groundwater samples collected in 2023 in which NMOCD Remediation Criteria exceedances or detectable concentrations were observed. The 2021-2023 analytical results are presented in **Table 3**.

TABLE 2.4.1

2023 BENZENE CONCENTRATIONS (mg/L)

	FIRST QUARTER	**SECOND QUARTER**	**THIRD QUARTER**	**FOURTH QUARTER**
	BENZENE	**BENZENE**	**BENZENE**	**BENZENE**
NMOCD REMEDIATION CRITERIA (MG/L)	**0.01**	**0.01**	**0.01**	**0.01**
RW-1	0.000485 J	0.000542 J	<0.000493	0.000867 J
RW-2	NS	0.00082 J	NS	NS
RW-3	NS	0.00654	0.000906 J	0.00101
RW-8	NS	0.000571 J	NS	NS

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

Historical groundwater analytical results are presented in **Table 4**, with PAH results summarized separately on **Table 5**. Laboratory analytical reports and data packages are provided in **Appendix A**. The groundwater analytical data for each quarterly sampling event of 2023 are illustrated in **Figures 4A** through **4D**.

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2.5 Groundwater Waste Disposal

Purge water recovered from monitor wells MW-1 through MW-7 and recovery wells RW-1 through RW-8 during quarterly gauging and sampling events were 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 Gandy Corporation of Lovington, New Mexico. No off-Site disposal of recovered fluids occurred in 2023.

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3.0 PSH RECOVERY

3.1 PSH Recovery Methodology

In addition to collecting groundwater samples, EnTech performed activities at the Site to periodically gauge and recover PSH from recovery wells exhibiting measurable thicknesses of PSH or a 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 (**Table 2)**. Initially, PSH recovery activities were completed using submersible pumps, hand bailing, and/or absorbent socks. Current PSH recovery activities typically consist of hand bailing five (5) - to 20-gallons of groundwater and dissolved-phase hydrocarbons and PSH.

3.2 PSH Recovery via Pumping and Manual Bailing

During 2023, 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 2023 are illustrated in **Table 6**.

The PSH thicknesses observed in recovery well RW-1 during 2023 appear to be stable. The maximum PSH thickness observed in RW-1 was a 0.03-ft, an increase from 0.02-ft reported during the fourth quarter 2022 gauging event. The calculated average PSH thickness measured in RW-1 in 2023 was 0.0017-ft.

The maximum PSH thickness observed in recovery well RW-2 during 2023 was 0.17-ft (third quarter 2023 gauging event), which is less than the maximum observed in 2022 (0.45-ft). The calculated average product thickness measured in RW-2 in 2023 was 0.10-ft, which is less relative to the calculated average product thickness observed in 2022 (0.12-ft).

The PSH thicknesses observed in recovery well RW-3 in 2023 ranged from 0.01- to 0.29-ft. These levels were a slight increase as compared to the maximum thickness observed in 2021 (0.04-ft) and 2022 (0.06-ft). The calculated average thickness for 2023 was 0.014-ft, a slight increase from 0.13-ft observed in 2022.

PSH thicknesses ranging from 0.02- to 0.55-ft were reported in recovery well RW-8 in 2023. The average calculated thickness in 2023 of 0.21-ft was a decrease relative to the average calculated thickness reported in 2021 (0.29-ft) and an increase relative to 2022 (0.13-ft).

3.3 PSH Waste Disposal

Approximately 22-gallons of PSH and 413-gallons of affected groundwater were recovered from the wells containing PSH during 2023 (RW-1 through RW-3 and RW-8) and placed in the on-Site AST. These liquids are vacuumed from the tank and transported

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off-Site for disposal by Gandy Corporation of Lovington, New Mexico. No off-Site disposal of recovered fluids occurred in 2023.

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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 including those 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 field measured groundwater quality parameters (i.e., oxygen-reduction potential, dissolved oxygen, etc.) are recorded during groundwater sample collection, 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

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MW-7, and RW-6) were reported at nondetectable concentrations or 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 COC concentrations below the NMOCD groundwater remediation criteria;
- Benzene concentrations analyzed in groundwater samples collected from recovery wells in proximity to the release area (RW-1 through RW-3) appear to be stable since 2019, whereas concentrations reported in the groundwater samples collected from RW-8 have reported stable benzene concentrations since December 2021; and,
- PSH thicknesses observed in recovery wells RW-1 through RW-3 and RW-8 during 2023 appear to be stable. Specifically, the thicknesses observed in RW-1 have decreased from a maximum of 0.08-ft reported during the April 2, 2019 gauging event relative to a maximum thickness of 0.03-ft reported during the July 27 and August 31, 2023, gauging events; the observed PSH thickness in RW-2 decreased from a maximum of 0.75-ft reported during the January 29, 2019 and August 3, 2021 gauging events relative to a maximum thickness of 0.17-ft reported during the September 28and November 1, 2023, gauging events; the observed thickness in RW-3 increased from a maximum of 0.28-ft during the March 28, 2019, gauging event relative to a maximum of 0.29-ft reported during the July 27, 2023, gauging event; and, the observed maximum thickness of 0.78-ft reported in RW-8 during the February 5, 2019, gauging event has decreased relative to a maximum of 0.55-ft reported during the December 7, 2023, gauging event.

The dissolved phase plume was evaluated in 2023 by analyzing groundwater samples collected from select PSH-free monitor and recovery wells. Groundwater samples were collected from monitor/recovery wells MW-3, MW-6, and RW-7 during the first quarter 2023 sampling event (March 8, 2023). Monitor/recovery wells MW-1 through MW-7 and RW-1 through RW-8 were sampled during the second quarter 2023 sampling event (June 21, 2023). Monitor/recovery wells MW-1 through MW-7 and RW-1 through RW-8 were sampled during the third and fourth quarter 2023 sampling events (September 29 and December 8, 2023). Laboratory analysis of groundwater samples collected in 2023 reported 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

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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 from 2006 through 2023. 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 second quarter groundwater sampling events from 2008 through 2023, 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 does not 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 8, 2023, were evaluated using the MKTT. Only monitor wells with detectable concentrations of benzene in 2019-2023 were evaluated.

Monitor wells evaluated by MKTT for benzene included recovery well RW-1 through RW-3 and RW-8.

Benzene Evaluation		
Well ID	Confidence Factor	Trend
RW-1	>99.9%	Decreasing
RW-2	99.0%	Decreasing
RW-3	>99.9%	Decreasing
RW-8	>99.9%	Decreasing

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

The benzene concentration isopleth maps for 2015 through 2023 are presented in **Figures 5** through **13,** respectively. The analytical data collected for the Site used for the plume stability analysis indicates that the benzene plume identified at the Site has a decreasing trend in concentration, size, and mass.

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5.0 FINDINGS

Findings and recommendations resulting from 2023 groundwater monitoring at the Site are summarized below.

- Groundwater flow in the uppermost groundwater-bearing unit is in a southerly direction with a gradient ranging from 0.0024- to 0.0047-ft/ft as measured between wells MW-4 and MW-1. The flow direction is consistent with previously reported events.
- Analytical results reported for the groundwater samples collected in 2023 from monitor/recovery wells MW-1 through MW-7, and RW-1 through RW-8, indicated nondetectable BTEX concentrations or concentrations below the NMOCD remediation criteria.
- Laboratory analysis of groundwater samples collected from recovery wells with observed PSH in 2022 (RW-1 through RW-3 and RW-8), indicated benzene concentrations ranging from nondetectable to 0.00654 mg/L. Analysis of all other constituents (i.e., toluene, ethylbenzene, and total xylenes) occurred at nondetectable concentrations or concentrations below the NMOCD criteria.
- PSH recovery from wells RW-1 through RW-3, and RW-8 continued during 2023. The estimated quantity of PSH recovered from wells exhibiting PSH during monthly PSH recovery efforts totaled approximately 22-gallons, with affected groundwater recovery totaling approximately 413-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 laboratory analysis of groundwater samples collected during 2023 from monitor and recovery wells at the Site, EnTech recommends the following actions:

- PSH recovery from wells RW-1 through RW-3 and RW-8 should continue on a monthly basis.
- Groundwater monitoring should be conducted semi-annually on monitor wells MW-1, MW-2, MW-4, MW-6, MW-7, RW-5, and RW-6 per the NMOCD approval of January 12, 2022.
- Quarterly groundwater sampling of monitor wells MW-3, MW-5, and recovery wells RW-1, RW-2, RW-3, RW-7, and RW-8 should be performed if no measurable PSH is observed.
- Annual groundwater sampling should be performed on all wells at the Site.

Released to Imaging: 12/18/2024 3:48:18 PM

Received by OCD: 6/5/2024 1:53:21 PM

- PAH samples should be discontinued in all wells with two (2) consecutive years of concentrations below the NMOCD criteria. Recovery well RW-8 will be sampled for PAHs in 2024.

Released to Imaging: 12/18/2024 3:48:18 PM

Received by OCD: 6/5/2024 1:53:21 PM

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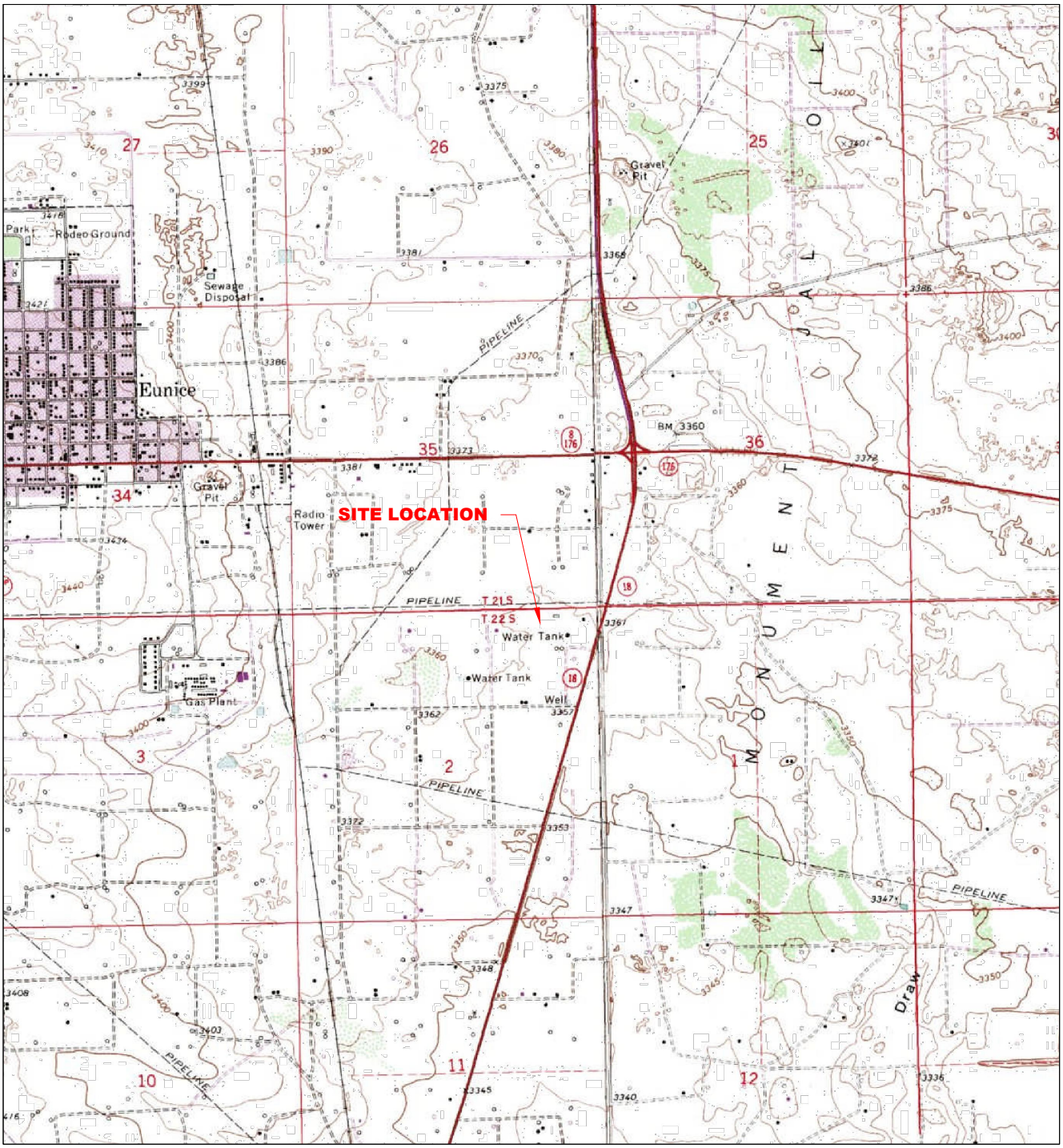
Released to Imaging: 12/18/2024 3:48:18 PM



Eunice Quadrangle
32°25'39"N Latitude & 103°07'43"W Longitude

1/2 1/4 0 1/4 1/2

Distance in Miles

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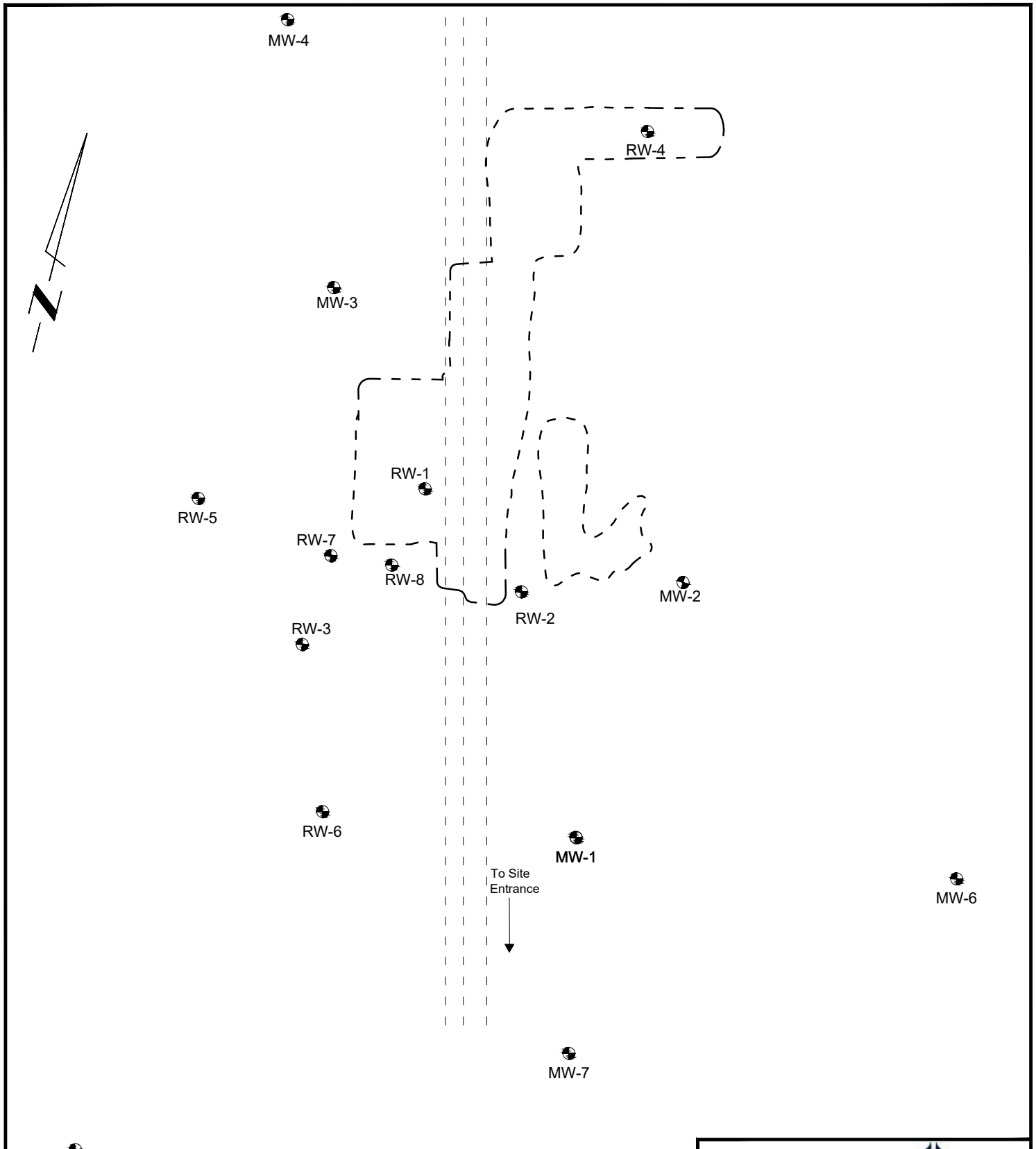
Figure 1
Site Location Map
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015	DATE: 1/23



LEGEND:

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

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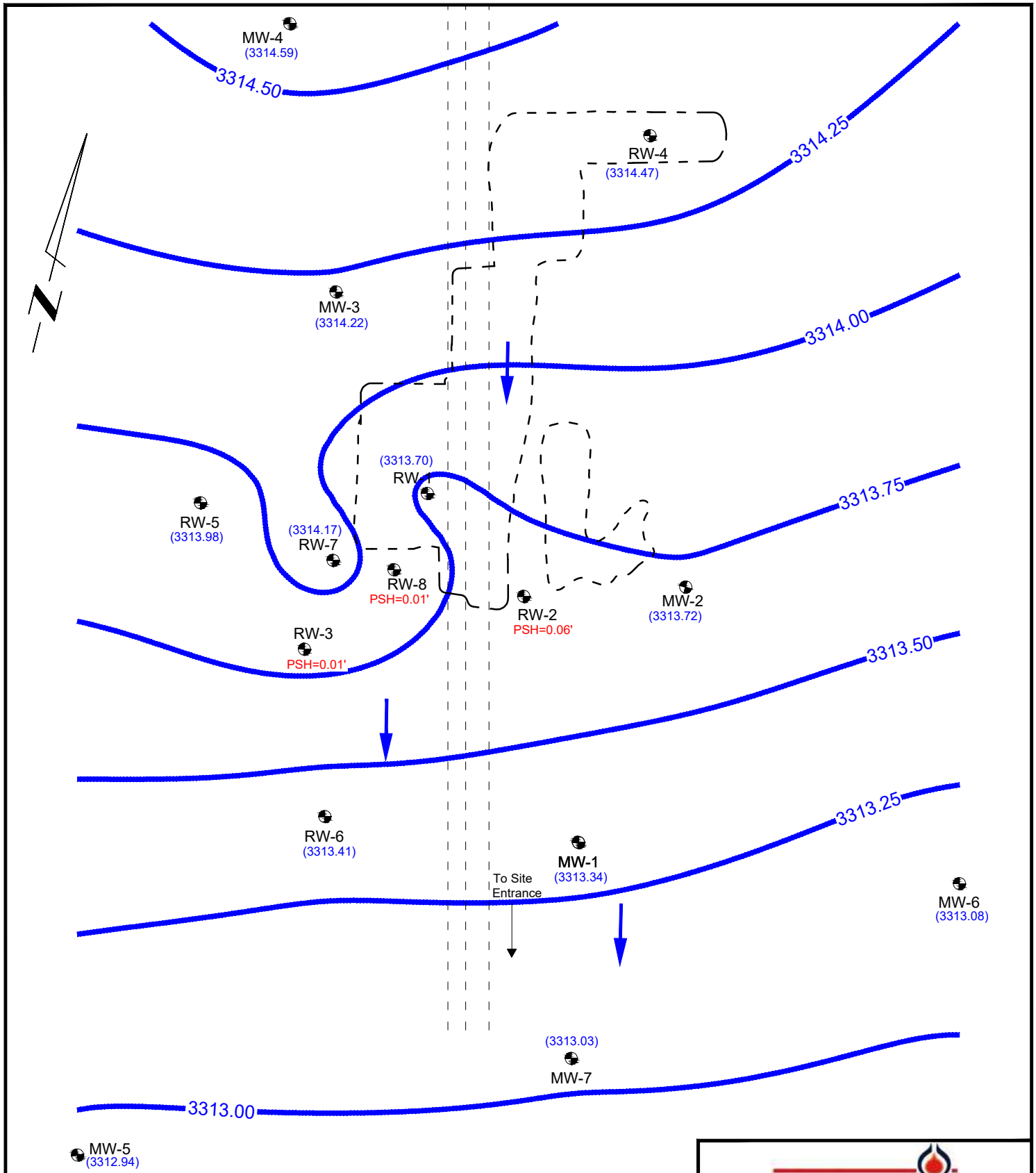
Figure 2
Site Map
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015	DATE: 1/21



LEGEND:

- **MW** - Monitoring Well Location
- **RW** - Recovery Well Location
- ---- - Excavation Extent
- – – – - Burried Pipeline
- 3312.5 - Groundwater Elevation Contour, ft. Contour Interval = 0.25'
- (3311.73) - Corrected Groundwater Elevation, ft.
- <3313.77> - Elevation Not Used to Contour
- ← - Grounwater Flow Direction

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

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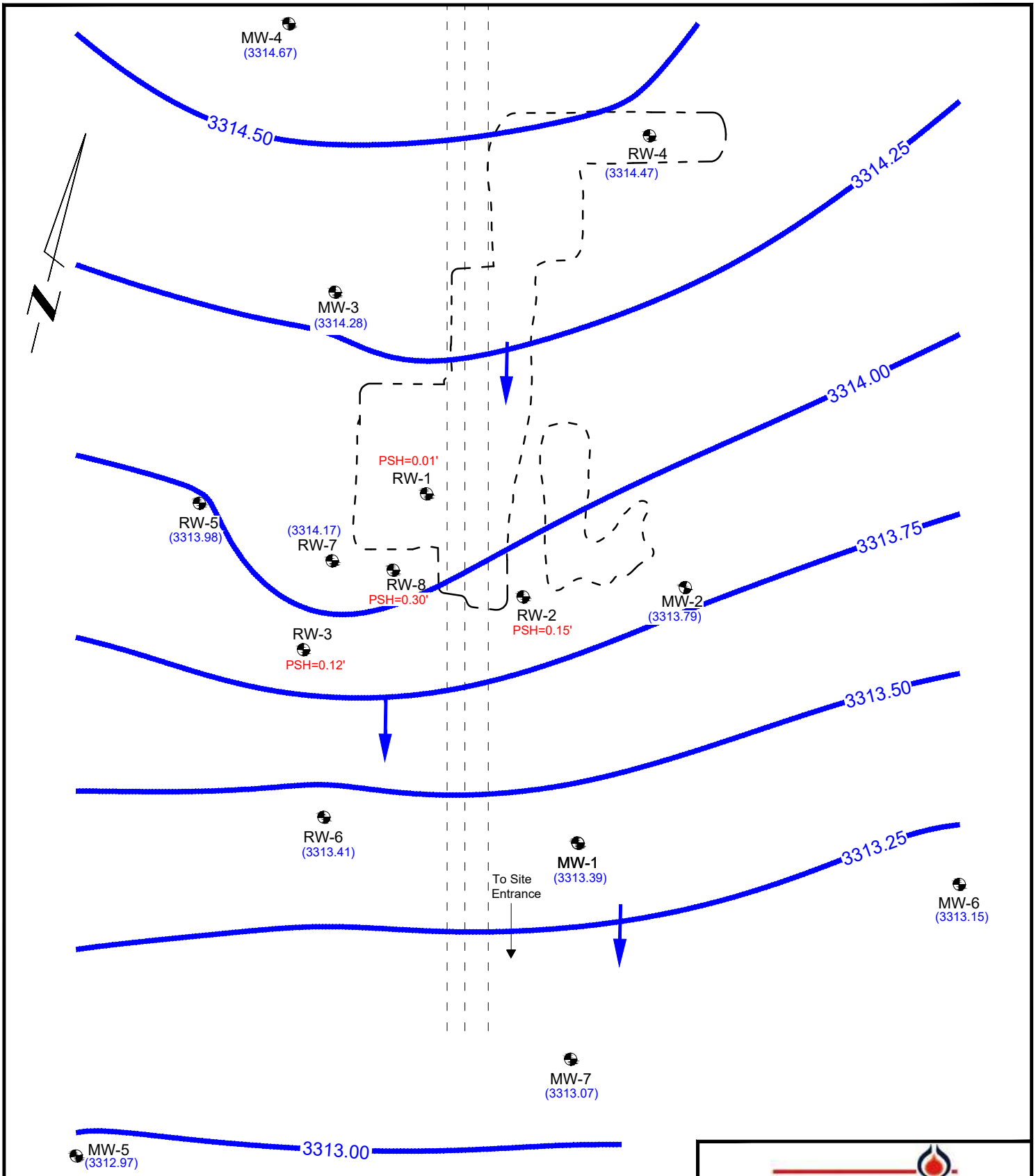
Figure 3A
1st Quarter 2023 - Groundwater Gradient Map
March 7, 2023
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 2/24



LEGEND:

- **MW** - Monitoring Well Location
- **RW** - Recovery Well Location
- ---- - Excavation Extent
- – – – - Buried Pipeline
- 3312.5 - Groundwater Elevation Contour, ft. Contour Interval = 0.25'
- (3311.73) - Corrected Groundwater Elevation, ft.
- <3313.77> - Elevation Not Used to Contour
- ← - Grounwater Flow Direction

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

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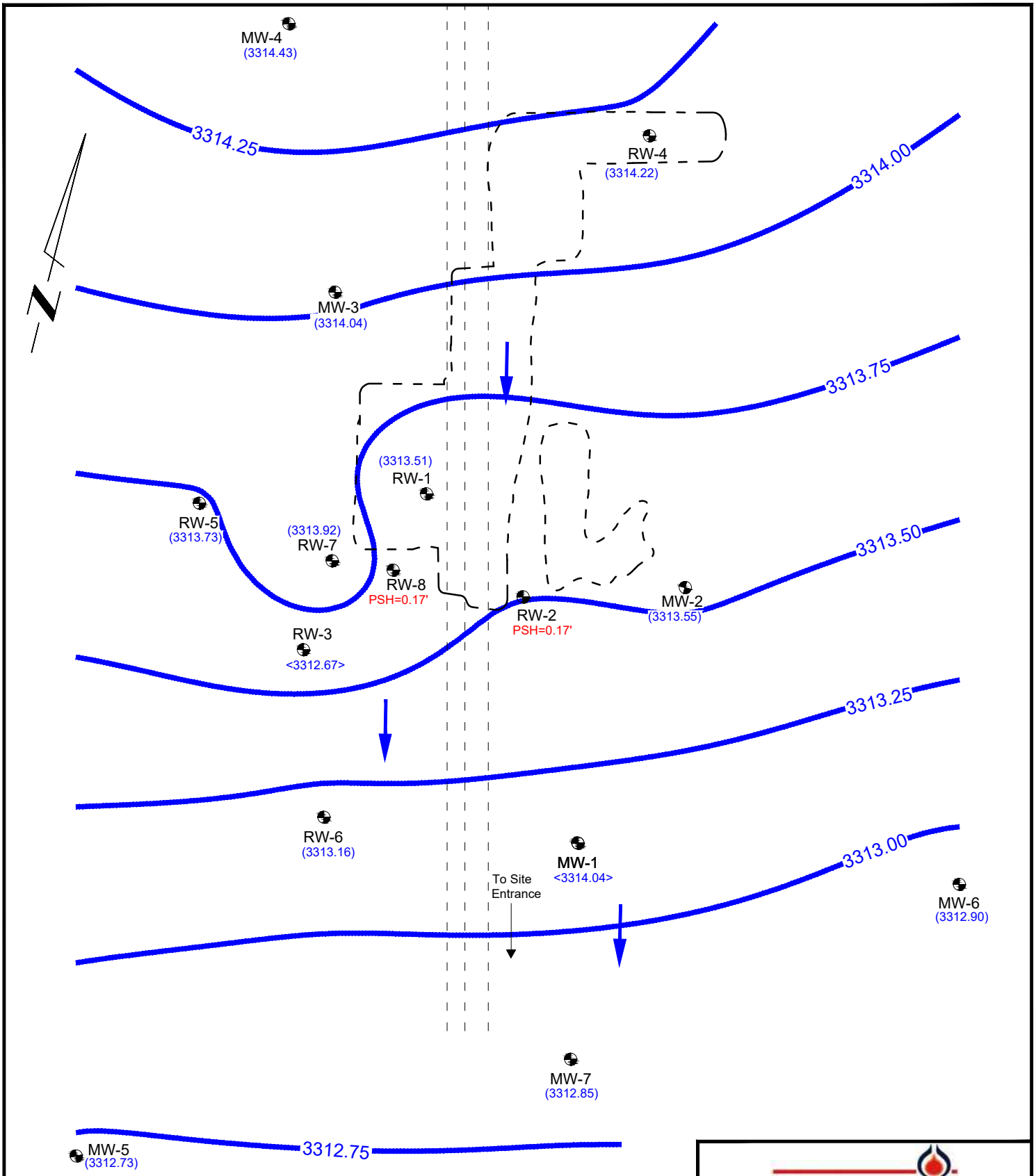
Figure 3B
2nd Quarter 2023 - Groundwater Gradient Map
June 21, 2023
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 08/23



LEGEND:

- **MW** - Monitoring Well Location
- **RW** - Recovery Well Location
- ---- - Excavation Extent
- – – – - Burried Pipeline
- 3312.5 - Groundwater Elevation Contour, ft. Contour Interval = 0.25'
- (3311.73) - Corrected Groundwater Elevation, ft.
- <3313.77> - Elevation Not Used to Contour
- ← - Grounwater Flow Direction

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

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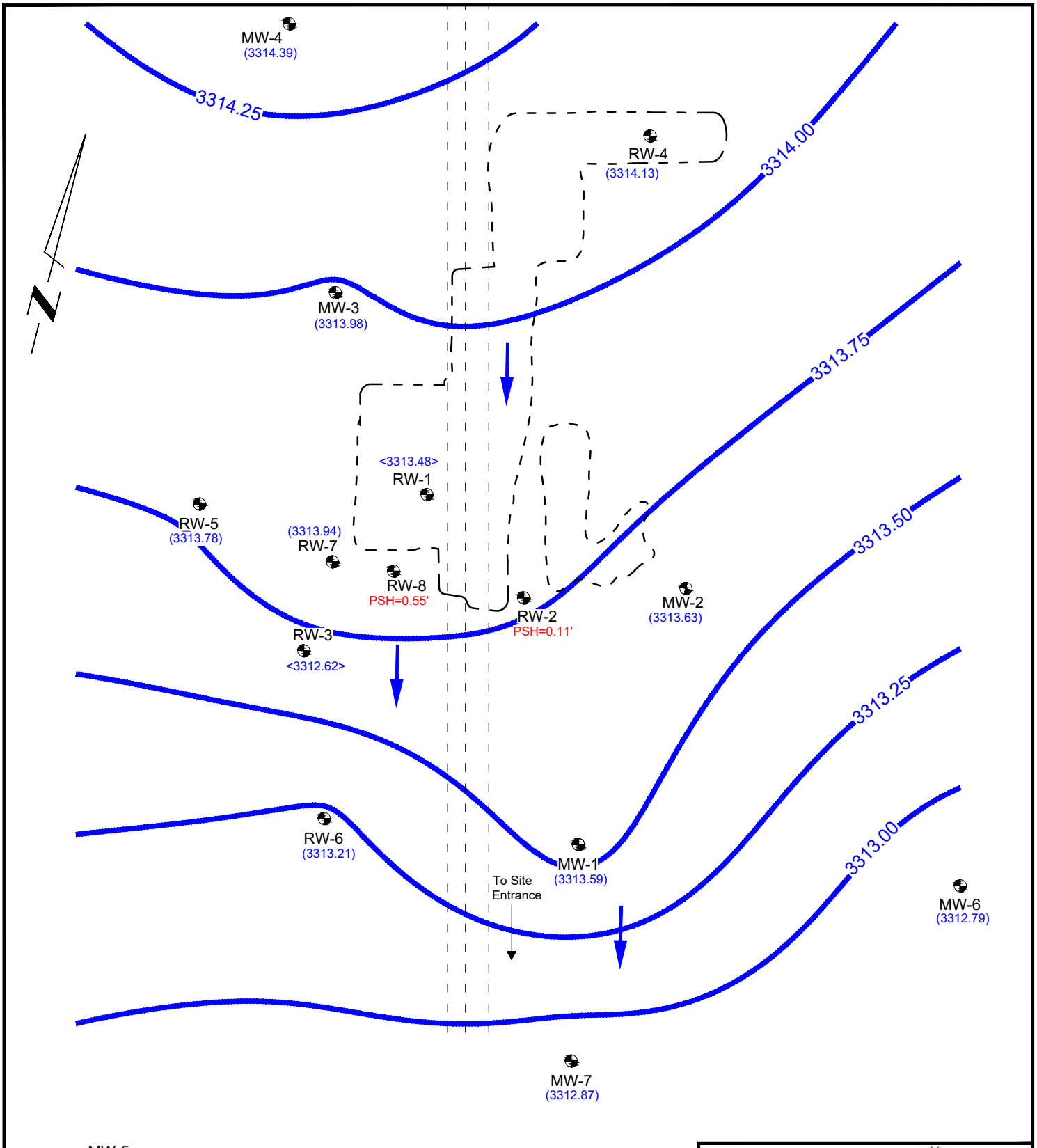
Figure 3C
3rd Quarter 2023 - Groundwater Gradient Map
September 28, 2023
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 2/24



LEGEND:

- **MW** - Monitoring Well Location
- **RW** - Recovery Well Location
- ---- - Excavation Extent
- – – – - Burried Pipeline
- 3312.5 - Groundwater Elevation Contour, ft. Contour Interval = 0.25'
- (3311.73) - Corrected Groundwater Elevation, ft.
- <3313.77> - Elevation Not Used to Contour
- ← - Grounwater Flow Direction

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

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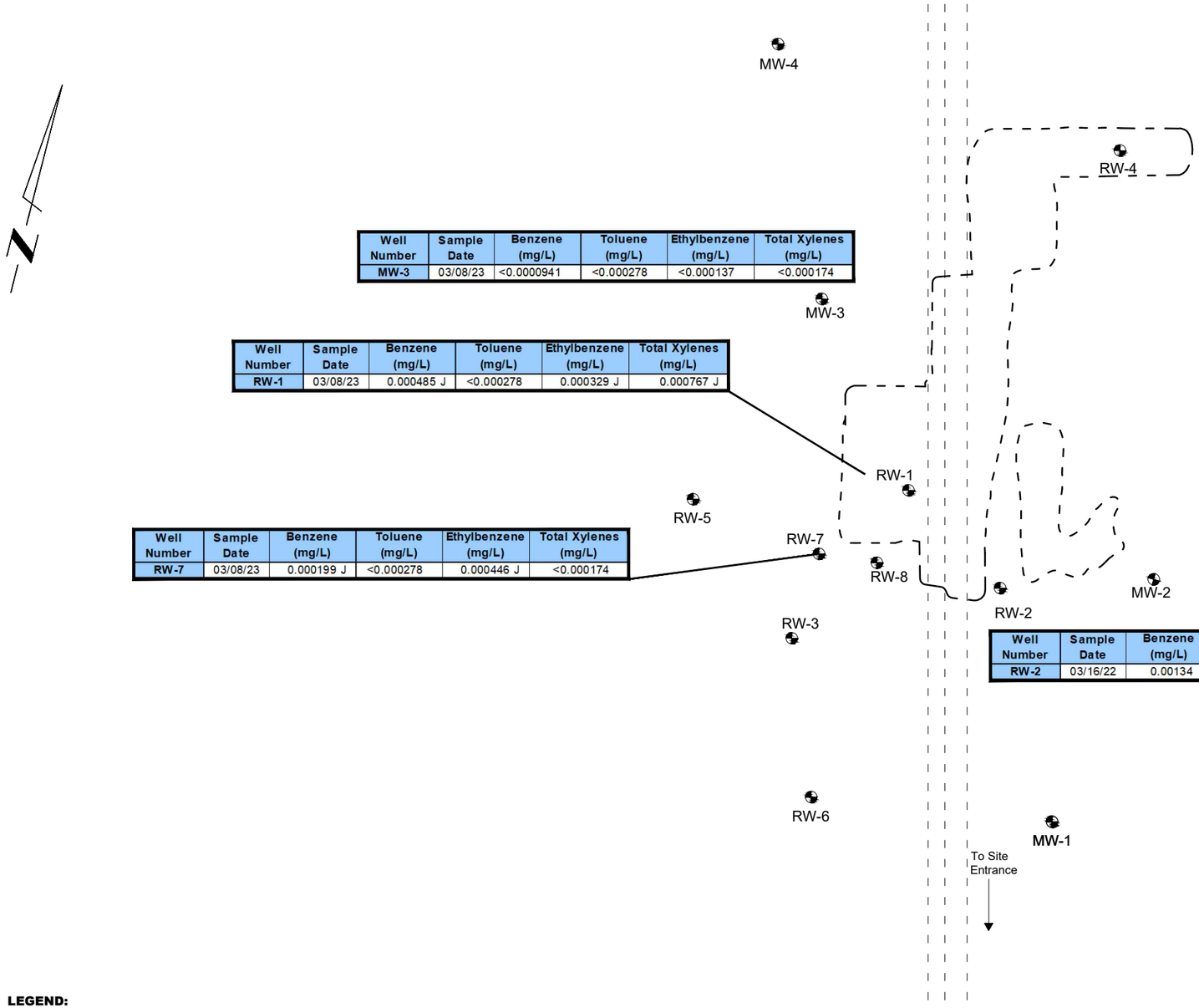
Figure 3D
4th Quarter 2023 - Groundwater Gradient Map
December 7, 2023
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 2/24



Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-3	03/08/23	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-1	03/08/23	0.000485 J	<0.000278	0.000329 J	0.000767 J

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-7	03/08/23	0.000199 J	<0.000278	0.000446 J	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-2	03/16/22	0.00134	<0.000278	0.000942 J	0.00938

MW-6

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-6	03/08/23	<0.0000941	<0.000278	<0.000137	<0.000174

LEGEND:

- **MW** - Monitoring Well Location
- **RW** - 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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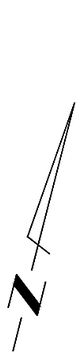
Figure 4A
1st Quarter 2023 Groundwater Analytical Map
March 8, 2023
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Marketing, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 2/24



MW-4

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-4	06/22/23	<0.0000941	<0.000278	<0.000137	<0.000174

RW-4

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-4	06/22/23	0.00166	<0.000278	0.00944	0.00629

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-3	06/21/23	<0.0000941	<0.000278	<0.000137	<0.000174

MW-3

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-1	06/22/23	0.000542 J	<0.000278	0.00555	0.0112

RW-1

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-5	06/22/23	<0.0000941	<0.000278	<0.000137	<0.000174

RW-5

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-2	06/21/23	<0.0000941	<0.000278	<0.000137	<0.000174

MW-2

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-7	06/22/23	<0.0000941	<0.000278	<0.000137	<0.000174

RW-7

RW-8

RW-2

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-8	06/22/23	0.000571 J	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-2	06/22/23	0.00082 J	<0.000278	0.000415 J	0.00481

RW-3

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-3	06/22/23	0.00654	0.00121	0.00544	0.0509

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-1	06/21/23	<0.0000941	<0.000278	<0.000137	<0.000174

MW-1

RW-6

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-6	06/22/23	<0.0000941	<0.000278	<0.000137	<0.000174

To Site Entrance

MW-6

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-6	06/22/23	<0.0000941	<0.000278	<0.000137	<0.000174

LEGEND:

- **MW** - Monitoring Well Location
- **RW** - 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-7

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	06/21/23	<0.0000941	<0.000278	<0.000137	<0.000174

MW-5

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	06/22/23	<0.0000941	<0.000278	<0.000137	<0.000174

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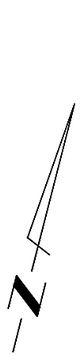
Figure 4B
2nd Quarter 2023 Groundwater Analytical Map
June 21, 2023
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Marketing, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 08/23



MW-4

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-4	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132

RW-4

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-4	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-3	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132

MW-3

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-1	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132

RW-1

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-5	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132

RW-5

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-7	09/29/23	0.000713 J	<0.000998	<0.000462	<0.00132

RW-7

RW-8

RW-2

MW-2

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-2	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132

RW-3

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-3	09/29/23	0.000906 J	<0.000998	0.00577	0.00343 J

RW-6

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-6	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-1	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132

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	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132

MW-7

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	09/29/23	0.000935 J	<0.000998	<0.000462	0.00955

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132

MW-5

LEGEND:

- MW - Monitoring Well Location
- RW - 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.

0 60

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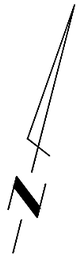
Figure 4C
3rd Quarter 2023 Groundwater Analytical Map
September 29, 2023
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Marketing, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 2/24



MW-4

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-4	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174

RW-4

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-4	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-3	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174

MW-3

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-1	12/08/23	0.000867 J	<0.000278	<0.000137	0.00774

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-5	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174

RW-1

RW-5

RW-7

RW-8

RW-2

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-7	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174

MW-2

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-2	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174

RW-3

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-3	12/08/23	0.00101	<0.000278	0.00165	0.00116 J

RW-6

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
RW-6	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-1	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174

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	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174

LEGEND:

- **MW** - Monitoring Well Location
- **RW** - Recovery Well Location
- ---- - Excavation Extent
- – – – - Burried 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.

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174

MW-5

MW-7

Well Number	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174

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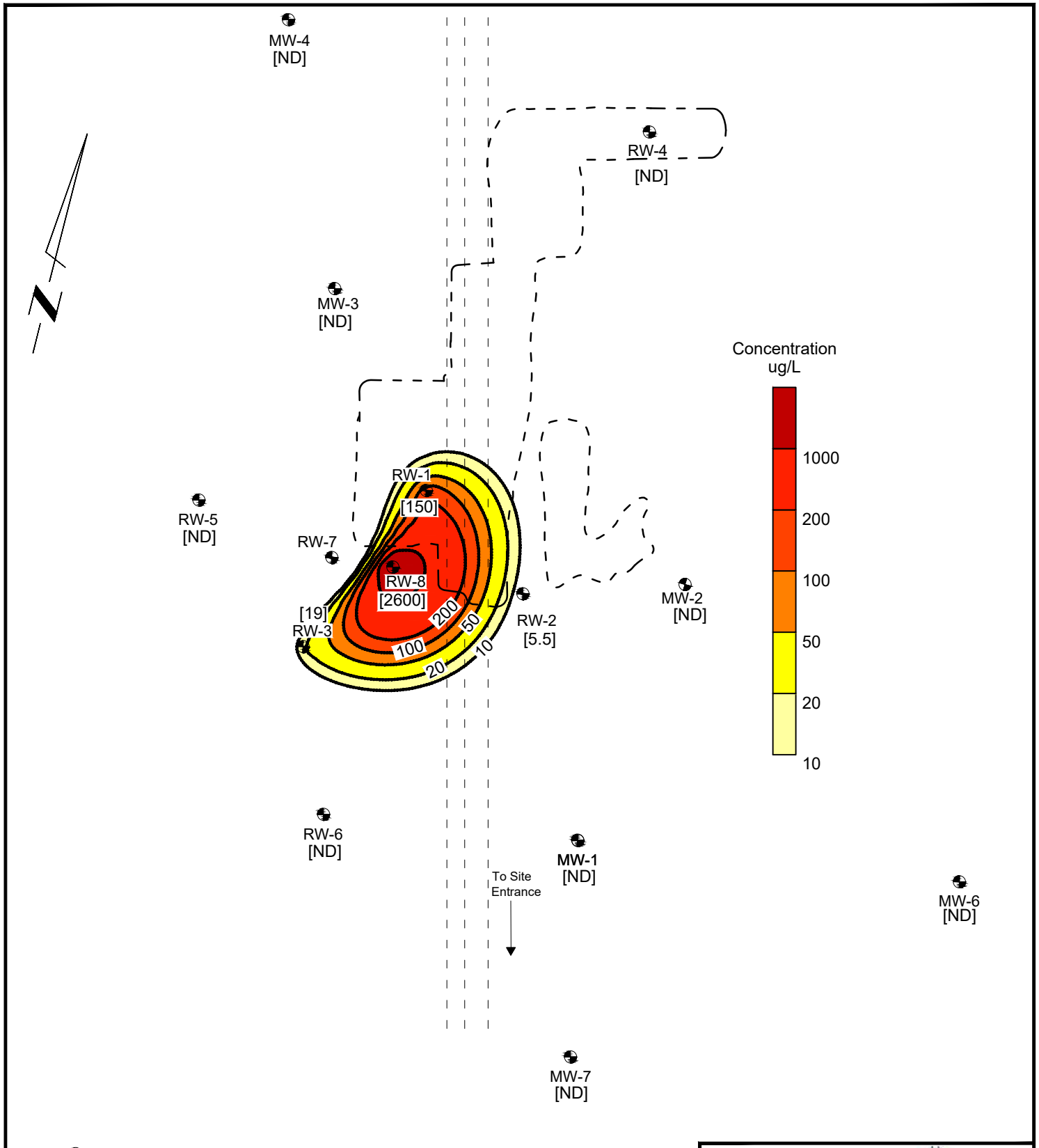
Figure 4D
4th Quarter 2023 Groundwater Analytical Map
December 8, 2023
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Marketing, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 2/24



LEGEND:

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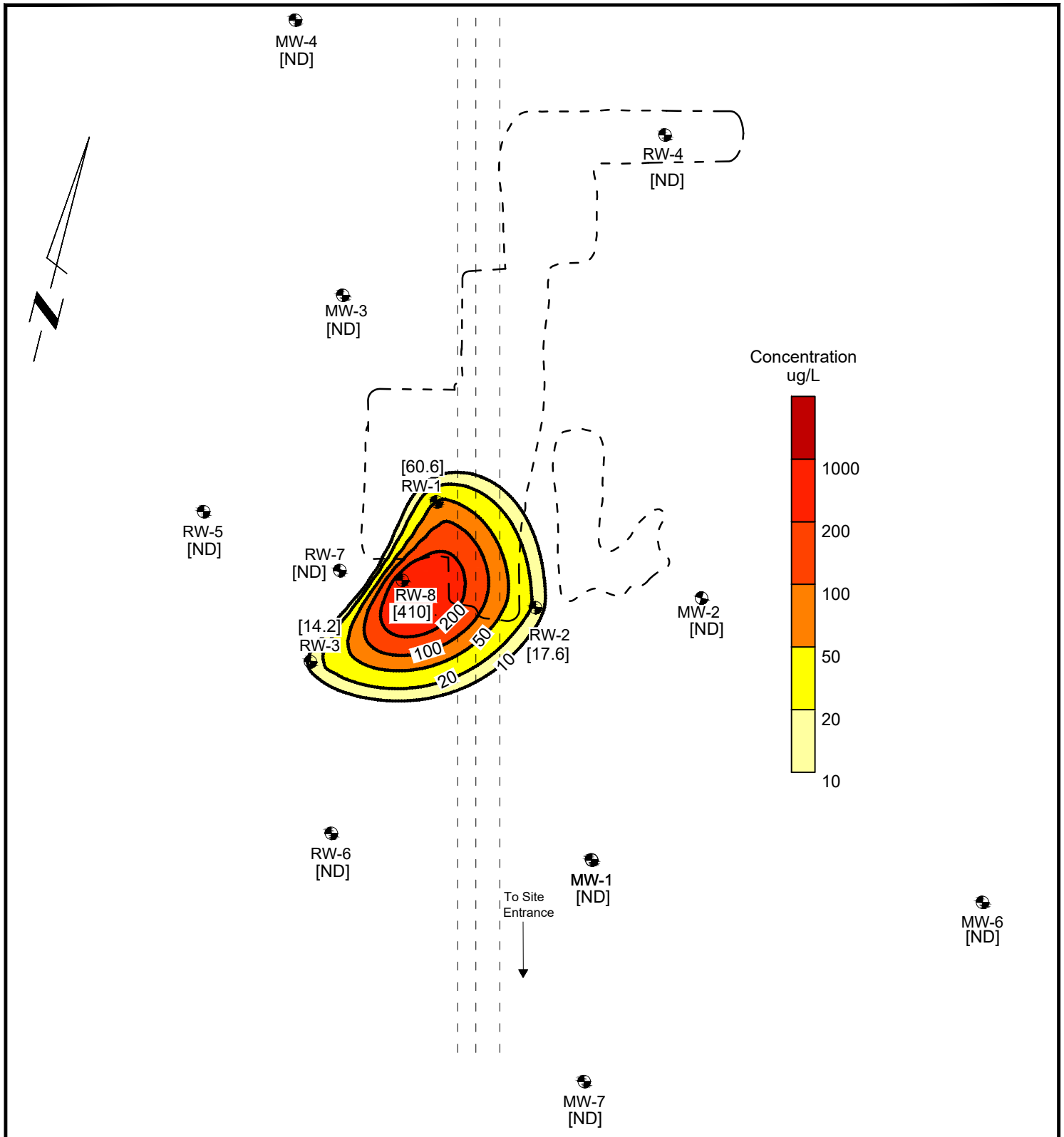
Figure 5
2015 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/21



LEGEND:

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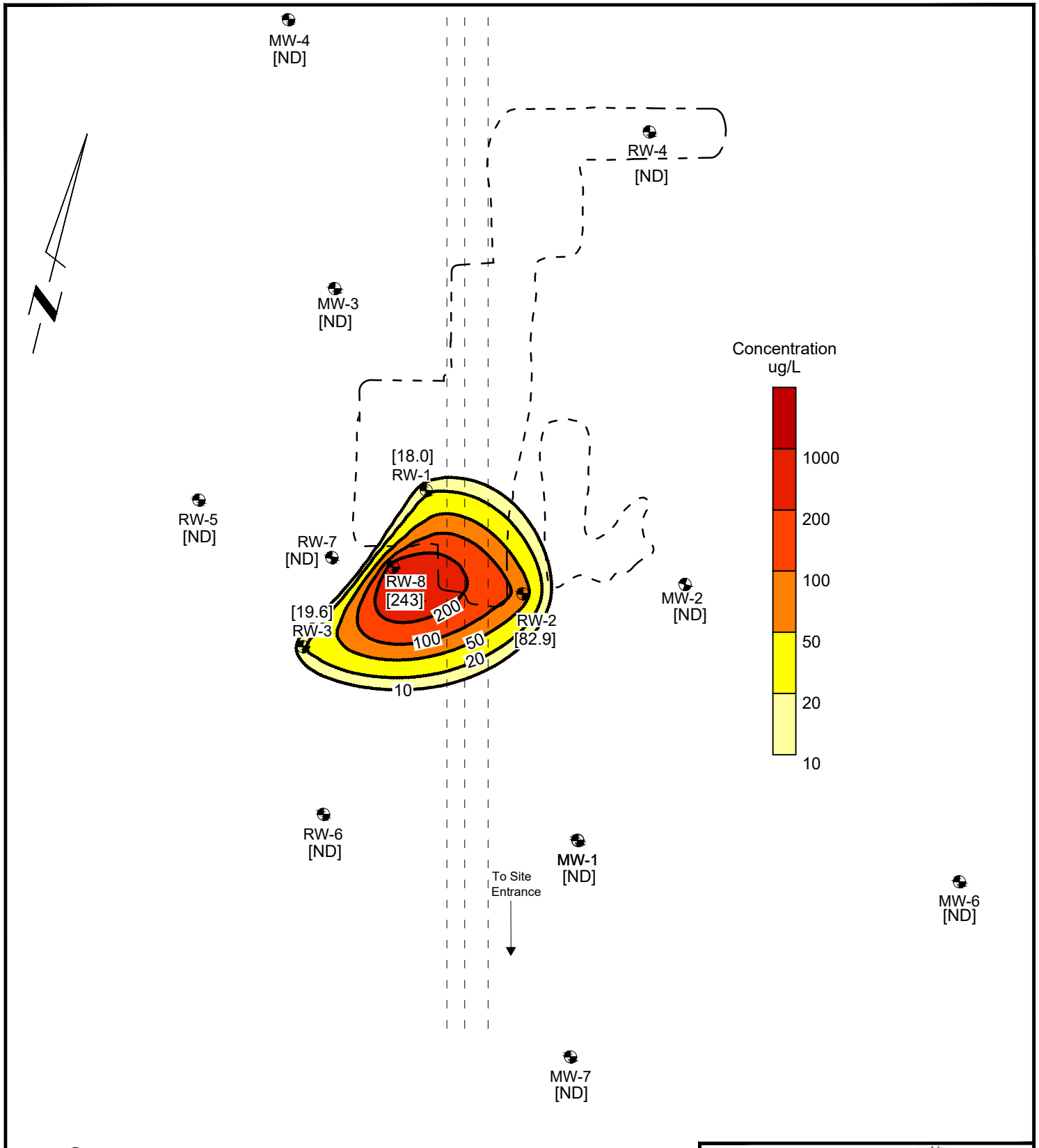
Figure 6
2016 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/21



LEGEND:

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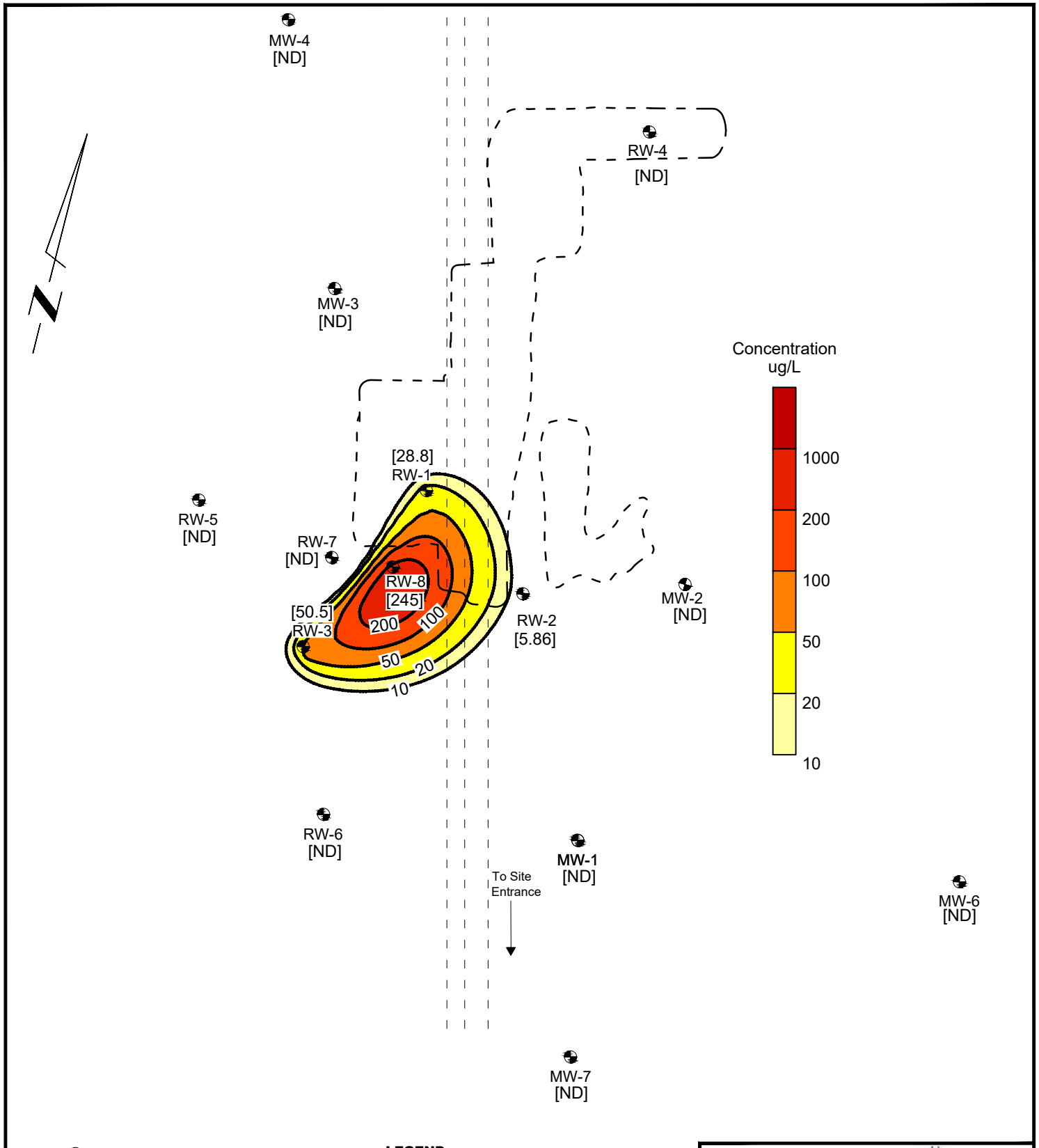
Figure 7
2017 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/21



LEGEND:

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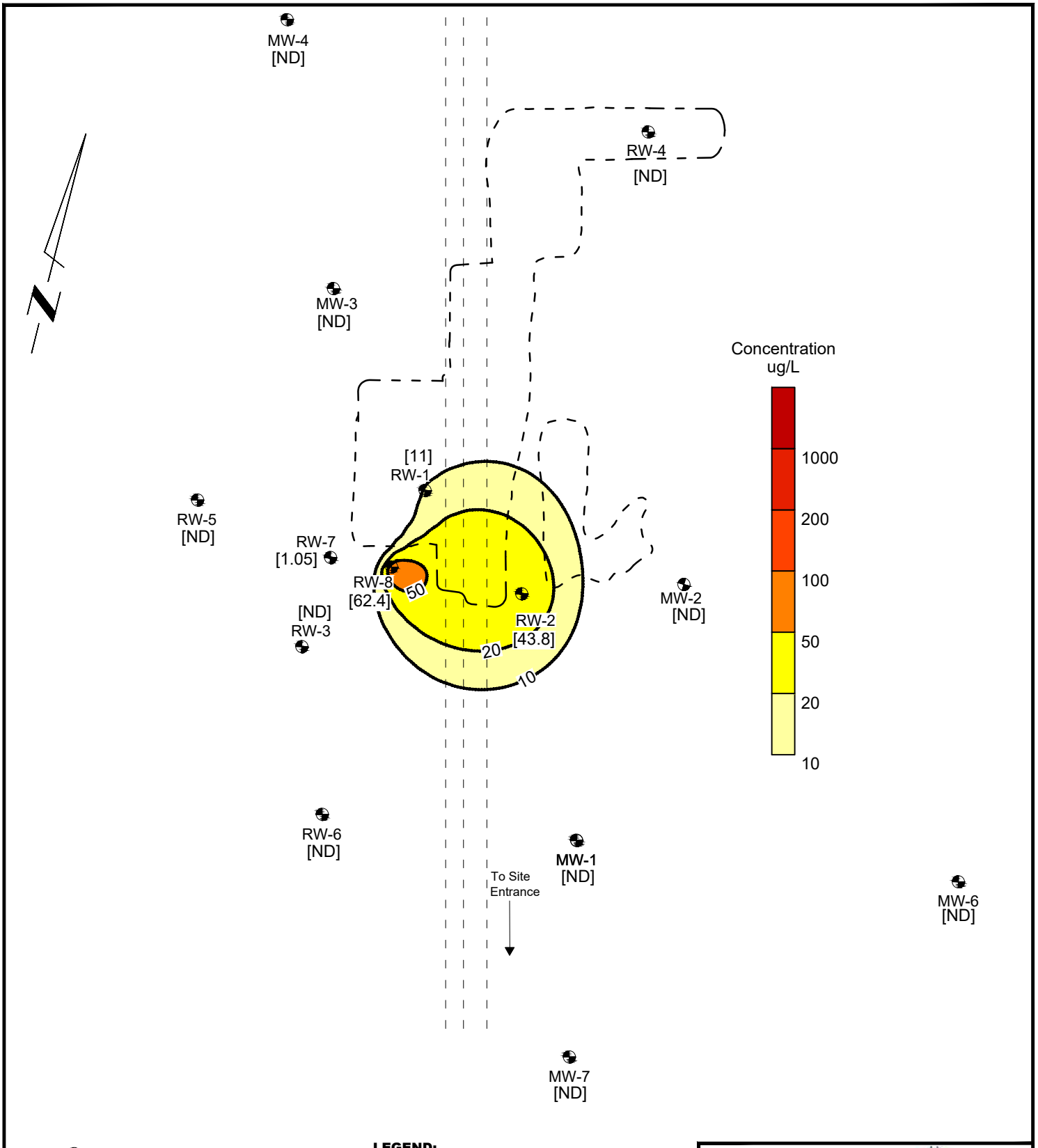
Figure 8
2018 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/21



LEGEND:

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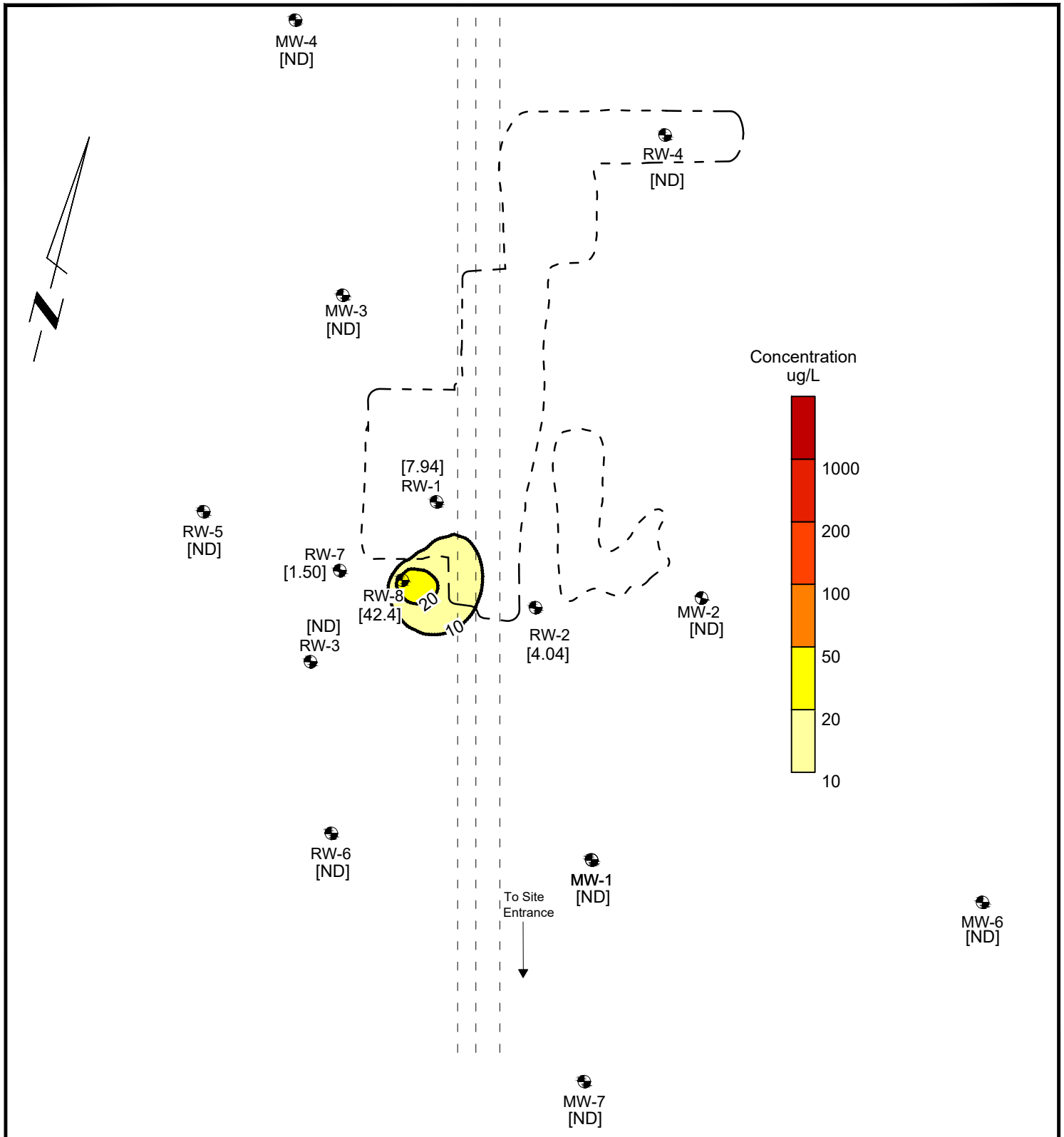
Figure 9
2019 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/21



LEGEND:

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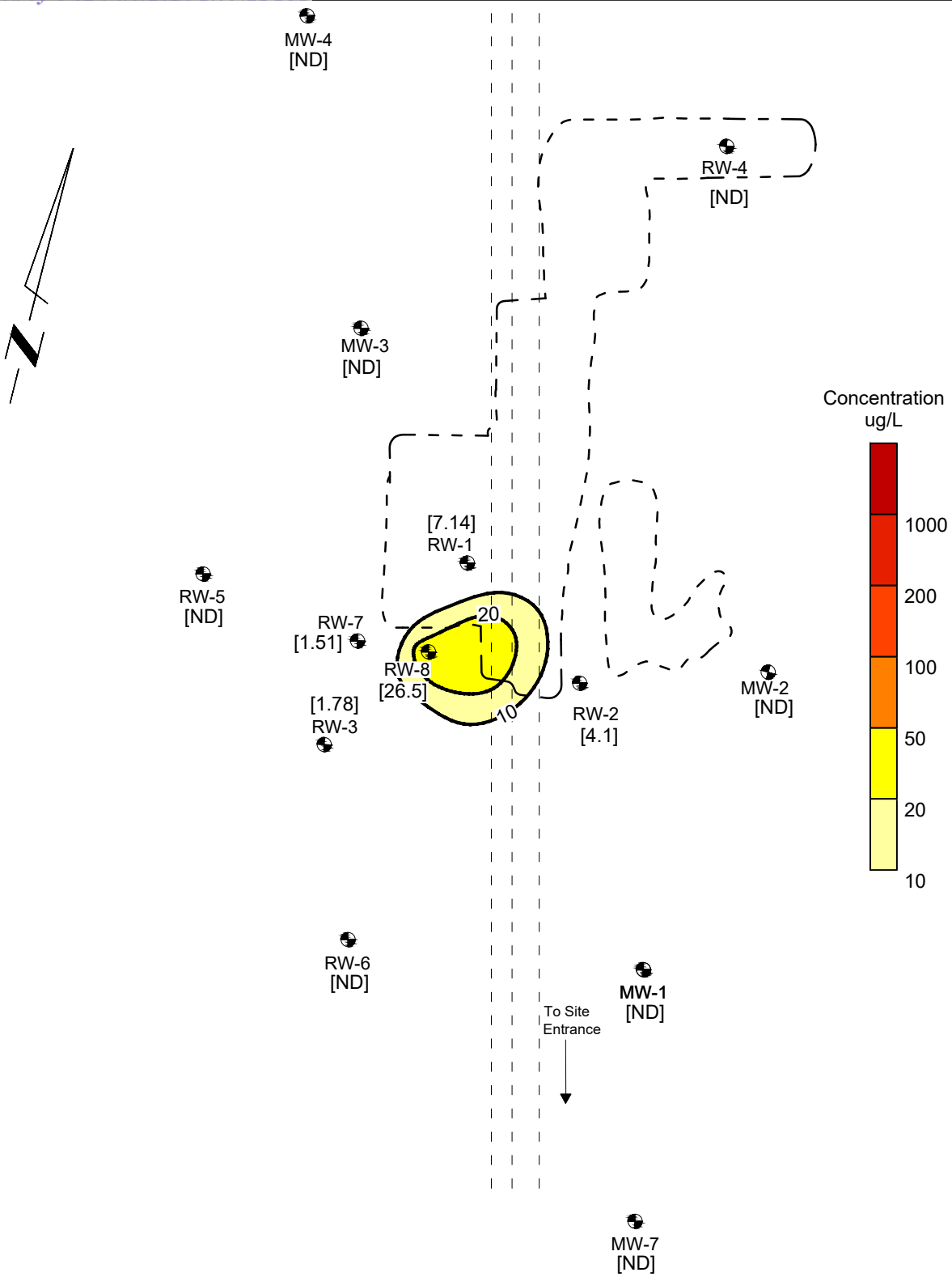
Figure 10
2020 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/21



LEGEND:

- **MW** - Monitoring Well Location
- **RW** - 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 2021.

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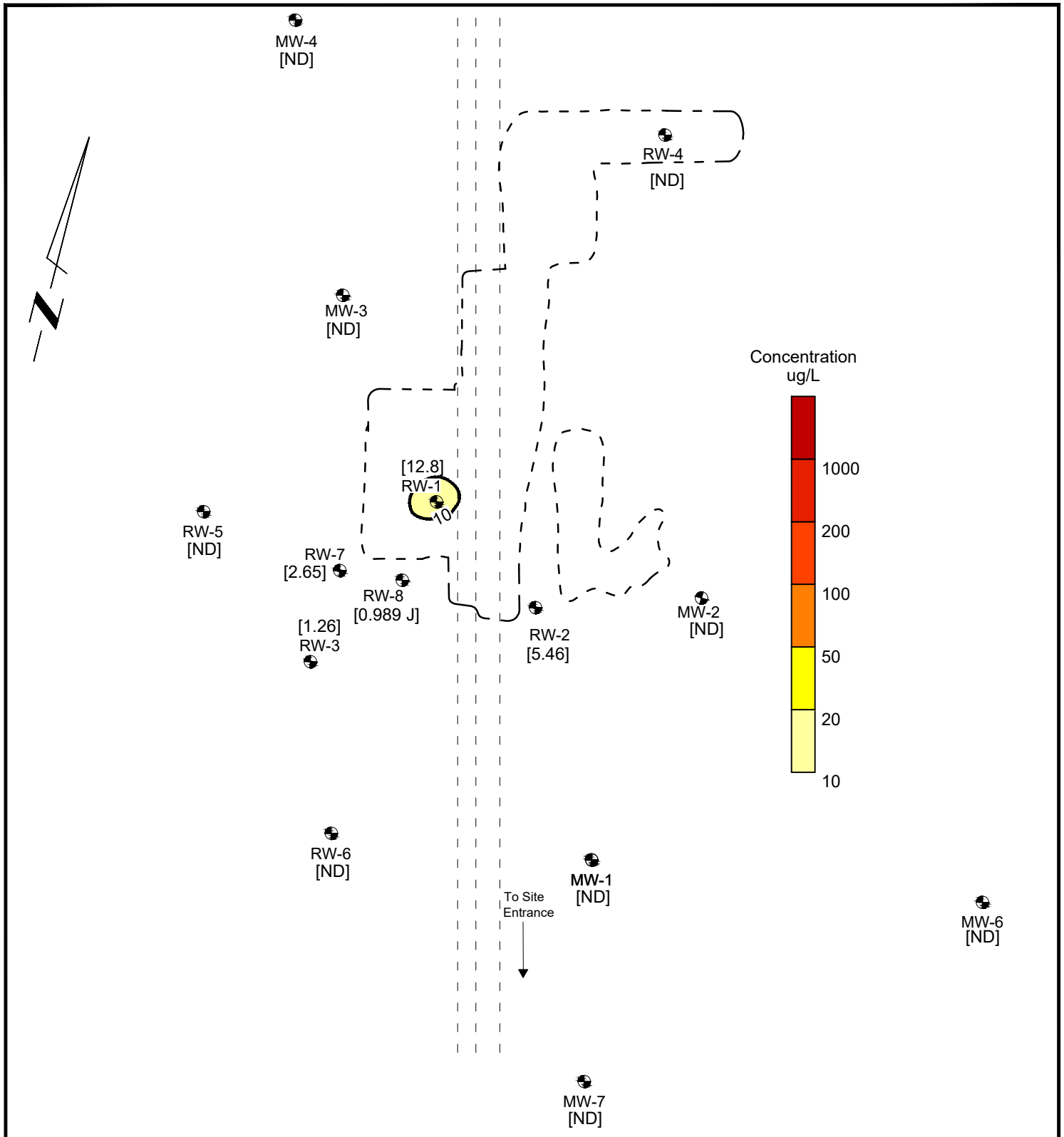
Figure 11
2021 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/22



LEGEND:

- **MW** - Monitoring Well Location
- **RW** - 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 2022.

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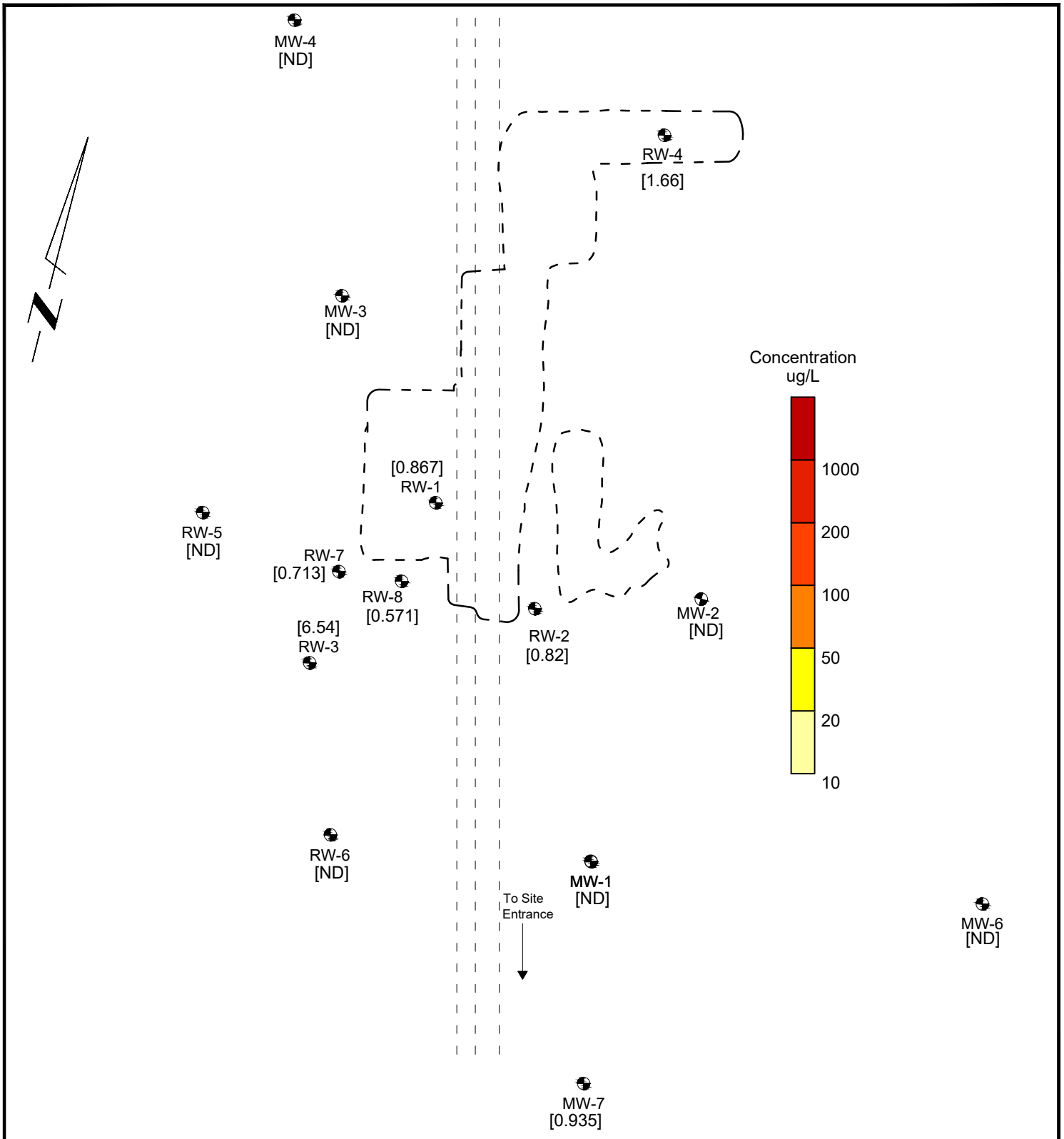
Figure 12
2022 - Benzene Isopleth Map
Vacuum to Jal 14" Mainline #5
SRS. No.: 2003-00134
Plains Pipeline, L.P.
Lea County, New Mexico

PROJ. NO: PAA12015 | DATE: 1/23



LEGEND:

- **MW** - Monitoring Well Location
- **RW** - 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 2023.

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Figure 13
2023 - 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: 2/24

Received by OCD: 6/5/2024 1:53:21 PM

TABLES

Table 1 2021-2023 Quarterly Well Survey Data and Groundwater Elevations

Table 2 Cumulative Well Survey Data and Groundwater Elevation Data (2018-2023)

Table 3 2021-2022 Groundwater Analytical Results

Table 4 Historical Groundwater Analytical Results

Table 5 Groundwater Analytical Results for Polycyclic Aromatic Hydrocarbons (PAHs)

Table 6 2018 - 2023 PSH and Dissolved Phase Groundwater Recovery Data

Released to Imaging: 12/18/2024 3:48:18 PM

TABLE 1
2021-2023 Quarterly 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	03/25/21	3363.04	63.78	ND	49.72	ND	NA	NA	NA	3313.32	Sampled
MW-1	06/17/21	3363.04	63.78	ND	49.74	ND	NA	NA	NA	3313.30	Sampled
MW-1	09/15/21	3363.04	63.78	ND	49.79	ND	NA	NA	NA	3313.25	
MW-1	12/16/21	3363.04	63.78	ND	49.71	ND	NA	NA	NA	3313.33	Sampled
MW-1	03/15/22	3363.04	63.78	ND	49.63	ND	NA	NA	NA	3313.41	Sampled
MW-1	06/23/22	3363.04	63.78	ND	49.72	ND	NA	NA	NA	3313.32	Sampled
MW-1	09/28/22	3363.04	63.78	ND	49.90	ND	NA	NA	NA	3313.14	Sampled
MW-1	12/08/22	3363.04	63.78	ND	49.81	ND	NA	NA	NA	3313.23	Sampled
MW-1	03/07/23	3363.04	63.78	ND	49.70	ND	NA	NA	NA	3313.34	
MW-1	06/21/23	3363.04	63.78	ND	49.65	ND	NA	NA	NA	3313.39	Sampled
MW-1	09/28/23	3363.04	63.78	ND	49.00	ND	NA	NA	7.00	3314.04	Sampled
MW-1	12/07/23	3363.04	63.78	ND	49.45	ND	NA	NA	7.00	3313.59	Sampled
MW-2	03/25/21	3362.11	64.10	ND	48.41	ND	NA	NA	NA	3313.70	Sampled
MW-2	06/17/21	3362.11	64.10	ND	48.38	ND	NA	NA	NA	3313.73	Sampled
MW-2	09/15/21	3362.11	64.10	ND	48.48	ND	NA	NA	NA	3313.63	
MW-2	12/16/21	3362.11	64.10	ND	48.40	ND	NA	NA	NA	3313.71	Sampled
MW-2	03/15/22	3362.11	64.10	ND	48.32	ND	NA	NA	NA	3313.79	Sampled
MW-2	06/23/22	3362.11	64.10	ND	48.40	ND	NA	NA	NA	3313.71	Sampled
MW-2	09/28/22	3362.11	64.10	ND	48.55	ND	NA	NA	NA	3313.56	Sampled
MW-2	12/08/22	3362.11	64.10	ND	48.52	ND	NA	NA	NA	3313.59	Sampled
MW-2	03/07/23	3362.11	64.10	ND	48.39	ND	NA	NA	NA	3313.72	
MW-2	06/21/23	3362.11	64.10	ND	48.32	ND	NA	NA	NA	3313.79	Sampled
MW-2	09/28/23	3362.11	64.10	ND	48.56	ND	NA	NA	8.00	3313.55	Sampled
MW-2	12/07/23	3362.11	64.10	ND	48.48	ND	NA	NA	8.00	3313.63	Sampled
MW-3	03/25/21	3362.13	64.72	ND	47.93	ND	NA	NA	NA	3314.20	Sampled
MW-3	06/17/21	3362.13	64.72	ND	47.90	ND	NA	NA	NA	3314.23	Sampled
MW-3	09/15/21	3362.13	64.72	ND	47.99	ND	NA	NA	NA	3314.14	Sampled
MW-3	12/16/21	3362.13	64.72	ND	47.93	ND	NA	NA	NA	3314.20	Sampled
MW-3	03/15/22	3362.13	64.72	ND	47.85	ND	NA	NA	NA	3314.28	Sampled
MW-3	06/23/22	3362.13	64.72	ND	47.92	ND	NA	NA	NA	3314.21	Sampled
MW-3	09/28/22	3362.13	64.72	ND	48.09	ND	NA	NA	NA	3314.04	Sampled
MW-3	12/08/22	3362.13	64.72	ND	48.05	ND	NA	NA	NA	3314.08	Sampled
MW-3	03/07/23	3362.13	64.72	ND	47.91	ND	NA	NA	9.00	3314.22	Sampled
MW-3	06/21/23	3362.13	64.72	ND	47.85	ND	NA	NA	NA	3314.28	Sampled
MW-3	09/28/23	3362.13	64.72	ND	48.09	ND	NA	NA	8.00	3314.04	Sampled
MW-3	12/07/23	3362.13	64.72	ND	48.15	ND	NA	NA	8.00	3313.98	Sampled
MW-4	03/25/21	3362.49	63.48	ND	47.90	ND	NA	NA	NA	3314.59	Sampled
MW-4	06/17/21	3362.49	63.48	ND	47.92	ND	NA	NA	NA	3314.57	Sampled
MW-4	09/15/21	3362.49	63.48	ND	47.96	ND	NA	NA	NA	3314.53	Sampled
MW-4	12/16/21	3362.49	63.48	ND	47.89	ND	NA	NA	NA	3314.60	Sampled
MW-4	03/15/22	3362.49	63.48	ND	47.83	ND	NA	NA	NA	3314.66	Sampled
MW-4	06/23/22	3362.49	63.48	ND	47.90	ND	NA	NA	NA	3314.59	Sampled
MW-4	09/28/22	3362.49	63.48	ND	48.04	ND	NA	NA	NA	3314.45	Sampled
MW-4	12/08/22	3362.49	63.48	ND	48.02	ND	NA	NA	NA	3314.47	Sampled
MW-4	03/07/23	3362.49	63.48	ND	47.90	ND	NA	NA	NA	3314.59	
MW-4	06/21/23	3362.49	63.48	ND	47.82	ND	NA	NA	8.00	3314.67	Sampled
MW-4	09/28/23	3362.49	63.48	ND	48.06	ND	NA	NA	8.00	3314.43	Sampled
MW-4	12/07/23	3362.49	63.48	ND	48.10	ND	NA	NA	8.00	3314.39	Sampled
MW-5	03/25/21	3363.67	63.81	ND	50.77	ND	NA	NA	NA	3312.90	Sampled
MW-5	06/17/21	3363.67	63.81	ND	50.75	ND	NA	NA	NA	3312.92	Sampled
MW-5	09/15/21	3363.67	63.81	ND	50.85	ND	NA	NA	NA	3312.82	Sampled
MW-5	12/16/21	3363.67	63.81	ND	50.73	ND	NA	NA	NA	3312.94	Sampled
MW-5	03/15/22	3363.67	63.81	ND	50.70	ND	NA	NA	NA	3312.97	Sampled
MW-5	06/23/22	3363.67	63.81	ND	50.82	ND	NA	NA	NA	3312.85	Sampled

TABLE 1
2021-2023 Quarterly 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-5	09/28/22	3363.67	63.81	ND	49.90	ND	NA	NA	NA	3313.77	Sampled
MW-5	12/08/22	3363.67	63.81	ND	50.88	ND	NA	NA	NA	3312.79	Sampled
MW-5	03/07/23	3363.67	63.81	ND	50.73	ND	NA	NA	NA	3312.94	
MW-5	06/21/23	3363.67	63.81	ND	50.70	ND	NA	NA	6.00	3312.97	Sampled
MW-5	09/28/23	3363.67	63.81	ND	50.94	ND	NA	NA	6.00	3312.73	Sampled
MW-5	12/07/23	3363.67	63.81	ND	50.82	ND	NA	NA	6.00	3312.85	Sampled
MW-6	03/25/21	3362.60	63.50	ND	49.60	ND	NA	NA	NA	3313.00	Sampled
MW-6	06/17/21	3362.60	63.50	ND	49.55	ND	NA	NA	NA	3313.05	Sampled
MW-6	09/15/21	3362.60	63.50	ND	49.62	ND	NA	NA	NA	3312.98	Sampled
MW-6	12/16/21	3362.60	63.50	ND	49.55	ND	NA	NA	NA	3313.05	Sampled
MW-6	03/15/22	3362.60	63.50	ND	49.48	ND	NA	NA	NA	3313.12	Sampled
MW-6	06/23/22	3362.60	63.50	ND	49.55	ND	NA	NA	NA	3313.05	Sampled
MW-6	09/28/22	3362.60	63.50	ND	49.68	ND	NA	NA	NA	3312.92	Sampled
MW-6	12/08/22	3362.60	63.50	ND	49.63	ND	NA	NA	NA	3312.97	Sampled
MW-6	03/07/23	3362.60	63.50	ND	49.52	ND	NA	NA	7.00	3313.08	Sampled
MW-6	06/21/23	3362.60	63.50	ND	49.45	ND	NA	NA	7.00	3313.15	Sampled
MW-6	09/28/23	3362.60	63.50	ND	49.70	ND	NA	NA	7.00	3312.90	Sampled
MW-6	12/07/23	3362.60	63.50	ND	49.81	ND	NA	NA	6.00	3312.79	Sampled
MW-7	03/25/21	3362.75	63.75	ND	49.76	ND	NA	NA	NA	3312.99	Sampled
MW-7	06/17/21	3362.75	63.75	ND	49.77	ND	NA	NA	NA	3312.98	Sampled
MW-7	09/15/21	3362.75	63.75	ND	49.83	ND	NA	NA	NA	3312.92	Sampled
MW-7	12/16/21	3362.75	63.75	ND	49.74	ND	NA	NA	NA	3313.01	Sampled
MW-7	03/15/22	3362.75	63.75	ND	49.70	ND	NA	NA	NA	3313.05	Sampled
MW-7	06/23/22	3362.75	63.75	ND	49.75	ND	NA	NA	NA	3313.00	Sampled
MW-7	09/28/22	3362.75	63.75	ND	49.95	ND	NA	NA	NA	3312.80	Sampled
MW-7	12/08/22	3362.75	63.75	ND	49.85	ND	NA	NA	NA	3312.90	Sampled
MW-7	03/07/23	3362.75	63.75	ND	49.72	ND	NA	NA	NA	3313.03	
MW-7	06/21/23	3362.75	63.75	ND	49.68	ND	NA	NA	NA	3313.07	Sampled
MW-7	09/28/23	3362.75	63.75	ND	49.90	ND	NA	NA	7.00	3312.85	Sampled
MW-7	12/07/23	3362.75	63.75	ND	49.88	ND	NA	NA	7.00	3312.87	Sampled
RW-1	03/25/21	3362.10	61.65	Sheen	48.41	Sheen	NA	Sheen	10.00	3313.69	
RW-1	06/17/21	3362.10	61.65	Sheen	48.38	Sheen	NA	Sheen	10.00	3313.72	
RW-1	09/15/21	3362.10	61.65	Sheen	48.48	Sheen	NA	Sheen	10.00	3313.62	
RW-1	12/16/21	3362.10	61.65	Sheen	48.42	Sheen	NA	Sheen	10.00	3313.68	
RW-1	03/15/22	3362.10	61.65	ND	48.33	ND	NA	Sheen	10.00	3313.77	
RW-1	06/23/22	3362.10	61.65	Sheen	48.40	Sheen	NA	Sheen	10.00	3313.70	
RW-1	09/28/22	3362.10	61.65	ND	48.60	ND	NA	Sheen	10.00	3313.50	
RW-1	12/08/22	3362.10	61.65	48.52	48.54	0.02	NA	Sheen	10.00	3313.58	
RW-1	03/07/23	3362.10	61.65	ND	48.40	ND	NA	NA	25.00	3313.70	Sampled
RW-1	06/21/23	3362.10	61.65	48.29	48.30	0.01	NA	Sheen	10.00	3313.81	Sampled
RW-1	09/28/23	3362.10	61.65	ND	48.59	ND	NA	NA	25.00	3313.51	Sampled
RW-1	12/07/23	3362.10	61.65	ND	48.62	ND	NA	NA	6.00	3313.48	Sampled
RW-2	03/25/21	3362.00	63.40	48.58	48.76	0.18	NA	0.25	9.75	3313.39	
RW-2	06/17/21	3362.00	63.40	48.55	49.00	0.45	NA	0.25	9.75	3313.38	
RW-2	09/15/21	3362.00	63.40	48.62	48.66	0.04	NA	0.25	9.75	3313.37	
RW-2	12/16/21	3362.00	63.40	48.56	48.62	0.06	NA	0.25	9.75	3313.43	
RW-2	03/15/22	3362.00	63.40	Sheen	48.50	Sheen	NA	0.25	9.75	3313.50	
RW-2	06/23/22	3362.00	63.40	48.56	48.58	0.02	NA	0.25	9.75	3313.44	
RW-2	09/28/22	3362.00	63.40	48.75	49.20	0.45	NA	0.25	9.75	3313.18	
RW-2	12/08/22	3362.00	63.40	48.65	48.80	0.15	NA	0.25	9.75	3313.33	
RW-2	03/07/23	3362.00	63.40	48.55	48.61	0.06	NA	NA	NA	3313.44	
RW-2	06/21/23	3362.00	63.40	48.45	48.60	0.15	NA	0.25	9.75	3313.53	Sampled
RW-2	09/28/23	3362.00	63.40	49.71	49.88	0.17	NA	1.50	8.50	3312.26	
RW-2	12/07/23	3362.00	63.40	49.67	49.78	0.11	NA	NA	NA	3312.31	

TABLE 1
2021-2023 Quarterly 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-3	03/25/21	3361.93	63.80	sheen	49.10	sheen	NA	0.25	9.75	3312.83	
RW-3	06/17/21	3361.93	63.80	sheen	49.07	sheen	NA	0.25	9.75	3312.86	
RW-3	09/15/21	3361.93	63.80	49.17	49.19	0.02	NA	0.25	9.75	3312.76	
RW-3	12/16/21	3361.93	63.80	49.10	49.11	0.01	NA	0.25	9.75	3312.83	
RW-3	03/15/22	3361.93	63.80	49.02	49.08	0.06	NA	0.25	9.75	3312.90	
RW-3	06/23/22	3361.93	63.80	49.08	49.11	0.03	NA	0.25	9.75	3312.85	
RW-3	09/28/22	3361.93	63.80	ND	49.30	ND	NA	0.25	9.75	3312.63	
RW-3	12/08/22	3361.93	63.80	49.20	49.22	0.02	NA	0.25	9.75	3312.73	
RW-3	03/07/23	3361.93	63.80	49.07	49.08	0.01	NA	NA	NA	3312.86	
RW-3	06/21/23	3361.93	63.80	48.88	49.00	0.12	NA	0.25	30.00	3313.03	Sampled
RW-3	09/28/23	3361.93	63.80	ND	49.26	ND	NA	NA	25.00	3312.67	Sampled
RW-3	12/07/23	3361.93	63.80	ND	49.31	ND	NA	NA	28.00	3312.62	Sampled
RW-4	03/25/21	3363.22	63.65	ND	48.84	ND	NA	NA	NA	3314.38	Sampled
RW-4	06/17/21	3363.22	63.65	ND	48.81	ND	NA	NA	NA	3314.41	Sampled
RW-4	09/15/21	3363.22	63.65	ND	48.90	ND	NA	NA	NA	3314.32	Sampled
RW-4	12/16/21	3363.22	63.65	ND	48.82	ND	NA	NA	NA	3314.40	Sampled
RW-4	03/15/22	3363.22	63.65	ND	48.77	ND	NA	NA	NA	3314.45	Sampled
RW-4	06/23/22	3363.22	63.65	ND	48.60	ND	NA	NA	NA	3314.62	Sampled
RW-4	09/28/22	3363.22	63.65	ND	48.98	ND	NA	NA	NA	3314.24	Sampled
RW-4	12/08/22	3363.22	63.65	ND	48.95	ND	NA	NA	NA	3314.27	Sampled
RW-4	03/07/23	3363.22	63.65	ND	48.82	ND	NA	NA	NA	3314.40	
RW-4	06/21/23	3363.22	63.65	ND	48.75	ND	NA	NA	30.00	3314.47	Sampled
RW-4	09/28/23	3363.22	63.65	ND	49.00	ND	NA	NA	30.00	3314.22	Sampled
RW-4	12/07/23	3363.22	63.65	ND	49.09	ND	NA	NA	29.00	3314.13	Sampled
RW-5	03/25/21	3362.38	64.07	ND	48.48	ND	NA	NA	NA	3313.90	Sampled
RW-5	06/17/21	3362.38	64.07	ND	48.44	ND	NA	NA	NA	3313.94	Sampled
RW-5	09/15/21	3362.38	64.07	ND	48.54	ND	NA	NA	NA	3313.84	Sampled
RW-5	12/16/21	3362.38	64.07	ND	48.45	ND	NA	NA	NA	3313.93	Sampled
RW-5	03/15/22	3362.38	64.07	ND	48.42	ND	NA	NA	NA	3313.96	Sampled
RW-5	06/23/22	3362.38	64.07	ND	48.48	ND	NA	NA	NA	3313.90	Sampled
RW-5	09/28/22	3362.38	64.07	ND	48.63	ND	NA	NA	NA	3313.75	Sampled
RW-5	12/08/22	3362.38	64.07	ND	40.60	ND	NA	NA	NA	3321.78	Sampled
RW-5	03/07/23	3362.38	64.07	ND	48.46	ND	NA	NA	NA	3313.92	
RW-5	06/21/23	3362.38	64.07	ND	48.40	ND	NA	NA	30.00	3313.98	Sampled
RW-5	09/28/23	3362.38	64.07	ND	48.65	ND	NA	NA	30.00	3313.73	Sampled
RW-5	12/07/23	3362.38	64.07	ND	48.60	ND	NA	NA	30.00	3313.78	Sampled
RW-6	03/25/21	3363.11	64.27	ND	49.76	ND	NA	NA	NA	3313.35	Sampled
RW-6	06/17/21	3363.11	64.27	ND	49.75	ND	NA	NA	NA	3313.36	Sampled
RW-6	09/15/21	3363.11	64.27	ND	49.85	ND	NA	NA	NA	3313.26	Sampled
RW-6	12/16/21	3363.11	64.27	ND	49.75	ND	NA	NA	NA	3313.36	Sampled
RW-6	03/15/22	3363.11	64.27	ND	49.70	ND	NA	NA	NA	3313.41	Sampled
RW-6	06/23/22	3363.11	64.27	ND	49.76	ND	NA	NA	NA	3313.35	Sampled
RW-6	09/28/22	3363.11	64.27	ND	49.46	ND	NA	NA	NA	3313.65	Sampled
RW-6	12/08/22	3363.11	64.27	ND	49.87	ND	NA	NA	NA	3313.24	Sampled
RW-6	03/07/23	3363.11	64.27	ND	49.74	ND	NA	NA	NA	3313.37	
RW-6	06/21/23	3363.11	64.27	ND	49.70	ND	NA	NA	29.00	3313.41	Sampled
RW-6	09/28/23	3363.11	64.27	ND	49.95	ND	NA	NA	30.00	3313.16	Sampled
RW-6	12/07/23	3363.11	64.27	ND	49.90	ND	NA	NA	28.00	3313.21	Sampled
RW-7	03/25/21	3362.52	68.56	ND	48.45	ND	NA	NA	NA	3314.07	Sampled
RW-7	06/17/21	3362.52	68.56	ND	48.42	ND	NA	NA	NA	3314.10	Sampled
RW-7	09/15/21	3362.52	68.56	ND	48.50	ND	NA	NA	NA	3314.02	Sampled
RW-7	03/15/22	3362.52	68.56	ND	48.36	ND	NA	NA	NA	3314.16	Sampled
RW-7	12/16/21	3362.52	68.56	ND	48.41	ND	NA	NA	NA	3314.11	Sampled

TABLE 1
2021-2023 Quarterly 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-7	06/23/22	3362.52	68.56	ND	48.45	ND	NA	NA	NA	3314.07	Sampled
RW-7	09/28/22	3362.52	68.56	ND	48.62	ND	NA	NA	NA	3313.90	Sampled
RW-7	12/08/22	3362.52	68.56	ND	48.55	ND	NA	NA	NA	3313.97	Sampled
RW-7	03/07/23	3362.52	68.56	ND	48.41	ND	NA	NA	40.00	3314.11	Sampled
RW-7	06/21/23	3362.52	68.56	ND	48.35	ND	NA	NA	40.00	3314.17	Sampled
RW-7	09/28/23	3362.52	68.56	ND	48.60	ND	NA	NA	40.00	3313.92	Sampled
RW-7	12/07/23	3362.52	68.56	ND	48.58	ND	NA	NA	40.00	3313.94	Sampled
RW-8	03/25/21	3362.52	68.34	49.06	49.31	0.25	NA	2.00	18.00	3313.42	
RW-8	06/17/21	3362.52	68.34	49.05	49.15	0.10	NA	2.00	23.00	3313.46	Sampled
RW-8	09/15/21	3362.52	68.34	49.14	49.18	0.04	NA	2.00	23.00	3313.37	
RW-8	12/16/21	3362.52	68.34	sheen	49.09	sheen	NA	2.00	23.00	3313.43	Sampled
RW-8	03/15/22	3362.52	68.34	49.00	49.03	0.03	NA	2.00	23.00	3313.52	Sampled
RW-8	06/23/22	3362.52	68.34	48.91	49.08	0.17	NA	2.00	23.00	3313.58	Sampled
RW-8	09/28/22	3362.52	68.34	49.22	49.28	0.06	NA	2.00	23.00	3313.29	Sampled
RW-8	12/08/22	3362.52	68.34	49.16	49.21	0.05	NA	2.00	23.00	3313.35	
RW-8	03/07/23	3362.52	68.34	49.04	49.05	0.01	NA	NA	NA	3313.48	
RW-8	06/21/23	3362.52	68.34	48.95	49.25	0.30	NA	2.00	38.00	3313.53	Sampled
RW-8	09/28/23	3362.52	68.34	49.23	49.40	0.17	NA	1.50	8.50	3313.26	
RW-8	12/07/23	3362.52	68.34	49.00	49.55	0.55	NA	NA	NA	3313.44	

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

TABLE 2
Cumulative Well Survey Data and Groundwater Elevations
2018-2023
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-1	03/25/21	3363.04	63.78	ND	49.72	ND	NA	NA	NA	3313.32	Sampled
MW-1	06/17/21	3363.04	63.78	ND	49.74	ND	NA	NA	NA	3313.30	Sampled
MW-1	09/15/21	3363.04	63.78	ND	49.79	ND	NA	NA	NA	3313.25	Sampled
MW-1	12/16/21	3363.04	63.78	ND	49.71	ND	NA	NA	NA	3313.33	Sampled
MW-1	03/15/22	3363.04	63.78	ND	49.63	ND	NA	NA	NA	3313.41	Sampled
MW-1	06/23/22	3363.04	63.78	ND	49.72	ND	NA	NA	NA	3313.32	Sampled
MW-1	09/28/22	3363.04	63.78	ND	49.90	ND	NA	NA	NA	3313.14	Sampled
MW-1	12/08/22	3363.04	63.78	ND	49.81	ND	NA	NA	NA	3313.23	Sampled
MW-1	03/07/23	3363.04	63.78	ND	49.70	ND	NA	NA	NA	3313.34	
MW-1	06/21/23	3363.04	63.78	ND	49.65	ND	NA	NA	7.00	3313.39	Sampled
MW-1	09/28/23	3363.04	63.78	ND	49.00	ND	NA	NA	7.00	3314.04	Sampled
MW-1	12/07/23	3363.04	63.78	ND	49.45	ND	NA	NA	7.00	3313.59	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-2	03/25/21	3362.11	64.10	ND	48.41	ND	NA	NA	NA	3313.70	Sampled
MW-2	06/17/21	3362.11	64.10	ND	48.38	ND	NA	NA	NA	3313.73	Sampled

TABLE 2
Cumulative Well Survey Data and Groundwater Elevations
2018-2023
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	09/15/21	3362.11	64.10	ND	48.48	ND	NA	NA	NA	3313.63	Sampled
MW-2	12/16/21	3362.11	64.10	ND	48.40	ND	NA	NA	NA	3313.71	Sampled
MW-2	03/15/22	3362.11	64.10	ND	48.32	ND	NA	NA	NA	3313.79	Sampled
MW-2	06/23/22	3362.11	64.10	ND	48.40	ND	NA	NA	NA	3313.71	Sampled
MW-2	09/28/22	3362.11	64.10	ND	48.55	ND	NA	NA	NA	3313.56	Sampled
MW-2	12/08/22	3362.11	64.10	ND	48.52	ND	NA	NA	NA	3313.59	Sampled
MW-2	03/07/23	3362.11	64.10	ND	48.39	ND	NA	NA	NA	3313.72	
MW-2	06/21/23	3362.11	64.10	ND	48.32	ND	NA	NA	NA	3313.79	Sampled
MW-2	09/28/23	3362.11	64.10	ND	48.56	ND	NA	NA	NA	3313.55	Sampled
MW-2	12/07/23	3362.11	64.10	ND	48.48	ND	NA	NA	8.00	3313.63	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-3	03/25/21	3362.13	64.72	ND	47.93	ND	NA	NA	NA	3314.20	Sampled
MW-3	06/17/21	3362.13	64.72	ND	47.90	ND	NA	NA	NA	3314.23	Sampled
MW-3	09/15/21	3362.13	64.72	ND	47.99	ND	NA	NA	NA	3314.14	Sampled
MW-3	12/16/21	3362.13	64.72	ND	47.93	ND	NA	NA	NA	3314.20	Sampled
MW-3	03/15/22	3362.13	64.72	ND	47.85	ND	NA	NA	NA	3314.28	Sampled
MW-3	06/23/22	3362.13	64.72	ND	47.92	ND	NA	NA	NA	3314.21	Sampled
MW-3	09/28/22	3362.13	64.72	ND	48.09	ND	NA	NA	NA	3314.04	Sampled
MW-3	12/08/22	3362.13	64.72	ND	48.05	ND	NA	NA	NA	3314.08	Sampled
MW-3	03/07/23	3362.13	64.72	ND	47.91	ND	NA	NA	9.00	3314.22	Sampled
MW-3	06/21/23	3362.13	64.72	ND	47.85	ND	NA	NA	NA	3314.28	Sampled
MW-3	09/28/23	3362.13	64.72	ND	48.09	ND	NA	NA	NA	3314.04	Sampled
MW-3	12/07/23	3362.13	64.72	ND	48.15	ND	NA	NA	8.00	3313.98	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

TABLE 2
Cumulative Well Survey Data and Groundwater Elevations
2018-2023
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	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-4	03/25/21	3362.49	63.48	ND	47.90	ND	NA	NA	NA	3314.59	Sampled
MW-4	06/17/21	3362.49	63.48	ND	47.92	ND	NA	NA	NA	3314.57	Sampled
MW-4	09/15/21	3362.49	63.48	ND	47.96	ND	NA	NA	NA	3314.53	Sampled
MW-4	12/16/21	3362.49	63.48	ND	47.89	ND	NA	NA	NA	3314.60	Sampled
MW-4	03/15/22	3362.49	63.48	ND	47.83	ND	NA	NA	NA	3314.66	Sampled
MW-4	06/23/22	3362.49	63.48	ND	47.90	ND	NA	NA	NA	3314.59	Sampled
MW-4	09/28/22	3362.49	63.48	ND	48.04	ND	NA	NA	NA	3314.45	Sampled
MW-4	12/08/22	3362.49	63.48	ND	48.02	ND	NA	NA	NA	3314.47	Sampled
MW-4	03/07/23	3362.49	63.48	ND	47.90	ND	NA	NA	NA	3314.59	
MW-4	06/21/23	3362.49	63.48	ND	47.82	ND	NA	NA	NA	3314.67	Sampled
MW-4	09/28/23	3362.49	63.48	ND	48.06	ND	NA	NA	NA	3314.43	Sampled
MW-4	12/07/23	3362.49	63.48	ND	48.10	ND	NA	NA	8.00	3314.39	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-5	03/25/21	3363.67	63.81	ND	50.77	ND	NA	NA	NA	3312.90	Sampled
MW-5	06/17/21	3363.67	63.81	ND	50.75	ND	NA	NA	NA	3312.92	Sampled
MW-5	09/15/21	3363.67	63.81	ND	50.85	ND	NA	NA	NA	3312.82	Sampled
MW-5	12/16/21	3363.67	63.81	ND	50.73	ND	NA	NA	NA	3312.94	Sampled
MW-5	03/15/22	3363.67	63.81	ND	50.70	ND	NA	NA	NA	3312.97	Sampled

TABLE 2
Cumulative Well Survey Data and Groundwater Elevations
2018-2023
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	06/23/22	3363.67	63.81	ND	50.82	ND	NA	NA	NA	3312.85	Sampled
MW-5	09/28/22	3363.67	63.81	ND	49.90	ND	NA	NA	NA	3313.77	Sampled
MW-5	12/08/22	3363.67	63.81	ND	50.88	ND	NA	NA	NA	3312.79	Sampled
MW-5	03/07/23	3363.67	63.81	ND	50.73	ND	NA	NA	NA	3312.94	
MW-5	06/21/23	3363.67	63.81	ND	50.70	ND	NA	NA	NA	3312.97	Sampled
MW-5	09/28/23	3363.67	63.81	ND	50.94	ND	NA	NA	NA	3312.73	Sampled
MW-5	12/07/23	3363.67	63.81	ND	50.82	ND	NA	NA	6.00	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-6	03/25/21	3362.6	63.50	ND	49.60	ND	NA	NA	NA	3313.00	Sampled
MW-6	06/17/21	3362.6	63.50	ND	49.55	ND	NA	NA	NA	3313.05	Sampled
MW-6	09/15/21	3362.6	63.50	ND	49.62	ND	NA	NA	NA	3312.98	Sampled
MW-6	12/16/21	3362.6	63.50	ND	49.55	ND	NA	NA	NA	3313.05	Sampled
MW-6	03/15/22	3362.6	63.50	ND	49.48	ND	NA	NA	NA	3313.12	Sampled
MW-6	06/23/22	3362.6	63.50	ND	49.55	ND	NA	NA	NA	3313.05	Sampled
MW-6	09/28/22	3362.6	63.50	ND	49.68	ND	NA	NA	NA	3312.92	Sampled
MW-6	12/08/22	3362.6	63.50	ND	49.63	ND	NA	NA	NA	3312.97	Sampled
MW-6	03/07/23	3362.60	63.50	ND	49.52	ND	NA	NA	7.00	3313.08	Sampled
MW-6	06/21/23	3362.60	63.50	ND	49.45	ND	NA	NA	NA	3313.15	Sampled
MW-6	09/28/23	3362.60	63.50	ND	49.70	ND	NA	NA	NA	3312.90	Sampled
MW-6	12/07/23	3362.60	63.50	ND	49.81	ND	NA	NA	6.00	3312.79	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

TABLE 2
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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		
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
MW-7	03/25/21	3362.75	63.75	ND	49.76	ND	NA	NA	NA	3312.99	Sampled
MW-7	06/17/21	3362.75	63.75	ND	49.77	ND	NA	NA	NA	3312.98	Sampled
MW-7	09/15/21	3362.75	63.75	ND	49.83	ND	NA	NA	NA	3312.92	Sampled
MW-7	12/16/21	3362.75	63.75	ND	49.74	ND	NA	NA	NA	3313.01	Sampled
MW-7	03/15/22	3362.75	63.75	ND	49.70	ND	NA	NA	NA	3313.05	Sampled
MW-7	06/23/22	3362.75	63.75	ND	49.75	ND	NA	NA	NA	3313.00	Sampled
MW-7	09/28/22	3362.75	63.75	ND	49.95	ND	NA	NA	NA	3312.80	Sampled
MW-7	12/08/22	3362.75	63.75	ND	49.85	ND	NA	NA	NA	3312.90	Sampled
MW-7	12/08/22	3362.75	63.75	ND	49.85	ND	NA	NA	NA	3312.90	Sampled
MW-7	12/08/22	3362.75	63.75	ND	49.85	ND	NA	NA	NA	3312.90	Sampled
MW-7	03/07/23	3362.75	63.75	ND	49.72	ND	NA	NA	NA	3313.03	
MW-7	06/21/23	3362.75	63.75	ND	49.68	ND	NA	NA	NA	3313.07	Sampled
MW-7	09/28/23	3362.75	63.75	ND	49.90	ND	NA	NA	NA	3312.85	Sampled
MW-7	12/07/23	3362.75	63.75	ND	49.88	ND	NA	NA	7.00	3312.87	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	

TABLE 2
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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	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	11/21/18	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	

TABLE 2
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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	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	

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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	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	
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-1	01/07/21	3362.10	60.80	sheen	48.53	sheen	NA	sheen	20.00	3313.57	
RW-1	02/03/21	3362.10	60.80	sheen	48.41	sheen	NA	sheen	10.00	3313.69	
RW-1	03/19/21	3362.10	60.80	sheen	48.45	sheen	NA	sheen	10.00	3313.65	
RW-1	03/25/21	3362.10	60.80	sheen	48.41	sheen	NA	sheen	10.00	3313.69	
RW-1	04/09/21	3362.10	60.80	sheen	48.43	sheen	NA	Sheen	10.00	3313.67	
RW-1	05/27/21	3362.10	61.65	sheen	48.36	sheen	NA	Sheen	10.00	3313.74	
RW-1	06/17/21	3362.10	61.65	sheen	48.38	sheen	NA	Sheen	10.00	3313.72	
RW-1	07/29/21	3362.10	61.65	sheen	48.40	sheen	NA	ND	10.00	3313.70	
RW-1	08/03/21	3362.10	61.65	sheen	48.37	sheen	NA	ND	10.00	3313.73	
RW-1	09/02/21	3362.10	61.65	sheen	48.40	sheen	NA	ND	10.00	3313.70	
RW-1	09/15/21	3362.10	61.65	sheen	48.48	sheen	NA	Sheen	10.00	3313.62	
RW-1	09/23/21	3362.10	61.65	sheen	48.46	sheen	NA	Sheen	10.00	3313.64	
RW-1	09/30/21	3362.10	61.65	sheen	48.46	sheen	NA	Sheen	10.00	3313.64	
RW-1	10/15/21	3362.10	61.65	sheen	48.58	sheen	NA	Sheen	10.00	3313.52	
RW-1	11/23/21	3362.10	61.65	sheen	48.53	sheen	NA	Sheen	10.00	3313.57	
RW-1	12/16/21	3362.10	61.65	sheen	48.42	sheen	NA	Sheen	10.00	3313.68	
RW-1	12/22/21	3362.10	61.65	sheen	48.50	sheen	NA	Sheen	10.00	3313.60	
RW-1	01/05/22	3362.10	61.65	ND	48.45	ND	NA	ND	10.00	3313.65	
RW-1	01/13/22	3362.10	61.65	sheen	48.49	sheen	NA	Sheen	10.00	3313.61	
RW-1	02/18/22	3362.10	61.65	ND	48.39	ND	NA	Sheen	10.00	3313.71	
RW-1	03/11/22	3362.10	61.65	ND	48.29	ND	NA	Sheen	10.00	3313.81	
RW-1	03/15/22	3362.10	61.65	ND	48.33	ND	NA	Sheen	10.00	3313.77	

TABLE 2
Cumulative Well Survey Data and Groundwater Elevations
2018-2023
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	03/22/22	3362.10	61.65	ND	48.31	ND	NA	Sheen	10.00	3313.79	
RW-1	04/01/22	3362.10	61.65	ND	48.34	ND	NA	Sheen	10.00	3313.76	
RW-1	04/08/22	3362.10	61.65	sheen	48.37	sheen	NA	Sheen	10.00	3313.73	
RW-1	04/21/22	3362.10	61.65	48.40	48.41	0.01	NA	Sheen	10.00	3313.70	
RW-1	05/05/22	3362.10	61.65	sheen	48.35	sheen	NA	Sheen	10.00	3313.75	
RW-1	06/23/22	3362.10	61.65	Sheen	48.40	Sheen	NA	Sheen	10.00	3313.70	
RW-1	06/30/22	3362.10	61.65	ND	48.42	ND	NA	Sheen	10.00	3313.68	
RW-1	07/27/22	3362.10	61.65	sheen	48.48	sheen	NA	Sheen	10.00	3313.62	
RW-1	08/18/22	3362.10	61.65	sheen	48.49	sheen	NA	Sheen	10.00	3313.61	
RW-1	09/21/22	3362.10	61.65	ND	48.55	ND	NA	Sheen	10.00	3313.55	
RW-1	09/28/22	3362.10	61.65	ND	48.60	ND	NA	Sheen	10.00	3313.50	
RW-1	10/07/22	3362.10	61.65	ND	48.60	ND	NA	Sheen	10.00	3313.50	
RW-1	12/08/22	3362.10	61.65	48.52	48.54	0.02	NA	NA	NA	3313.58	
RW-1	01/18/23	3362.10	61.65	48.49	48.50	0.01	NA	Sheen	10.00	3313.61	
RW-1	03/07/23	3362.10	61.65	ND	48.40	ND	NA	NA	25.00	3313.70	Sampled
RW-1	06/21/23	3362.10	61.65	48.29	48.30	0.01	NA	Sheen	10.00	3313.81	Sampled
RW-1	07/27/23	3362.10	61.65	48.32	48.35	0.03	NA	1.00	9.00	3313.78	
RW-1	08/31/23	3362.10	61.65	48.48	48.51	0.03	NA	NA	10.00	3313.62	
RW-1	09/22/23	3362.10	61.65	ND	48.55	ND	NA	NA	10.00	3313.55	
RW-1	09/28/23	3362.10	60.80	ND	48.59	ND	NA	NA	25.00	3313.51	Sampled
RW-1	11/01/23	3362.10	61.65	sheen	48.62	sheen	NA	Sheen	10.00	3313.48	
RW-1	11/21/23	3362.10	61.65	ND	48.58	ND	NA	NA	10.00	3313.52	
RW-1	12/07/23	3362.10	61.65	ND	48.63	ND	NA	NA	6.00	3313.47	Sampled
RW-1	12/20/23	3362.10	61.65	ND	48.62	ND	NA	NA	10.00	3313.48	
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	

TABLE 2
Cumulative Well Survey Data and Groundwater Elevations
2018-2023
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	04/19/18	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	

TABLE 2
Cumulative Well Survey Data and Groundwater Elevations
2018-2023
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	02/27/19	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	

TABLE 2
Cumulative Well Survey Data and Groundwater Elevations
2018-2023
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	01/14/20	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-2	01/07/21	3362.00	63.40	48.70	48.85	0.15	NA	sheen	20.00	3313.28	
RW-2	02/03/21	3362.00	63.40	48.57	48.65	0.08	NA	0.25	9.75	3313.42	
RW-2	03/19/21	3362.00	63.40	48.62	48.71	0.09	NA	1.00	9.00	3313.37	
RW-2	03/25/21	3362.00	63.40	48.58	48.65	0.07	NA	0.25	9.75	3313.41	
RW-2	04/09/21	3362.00	63.40	48.60	48.70	0.10	NA	sheen	10.00	3313.39	
RW-2	05/27/21	3362.00	63.40	48.55	49.10	0.55	NA	0.25	9.75	3313.37	
RW-2	06/17/21	3362.00	63.40	48.55	49.00	0.45	NA	0.25	9.75	3313.38	
RW-2	07/29/21	3362.00	63.40	48.58	49.30	0.72	NA	1.00	9.00	3313.31	
RW-2	08/03/21	3362.00	63.40	48.54	49.29	0.75	NA	1.00	9.00	3313.35	
RW-2	09/02/21	3362.00	63.40	48.58	48.62	0.04	NA	0.25	9.75	3313.41	
RW-2	09/15/21	3362.00	63.40	48.62	48.66	0.04	NA	0.25	9.75	3313.37	
RW-2	09/23/21	3362.00	63.40	48.62	48.72	0.10	NA	sheen	10.00	3313.37	
RW-2	09/30/21	3362.00	63.40	48.65	48.81	0.16	NA	0.25	9.75	3313.33	
RW-2	10/15/21	3362.00	63.40	48.42	48.50	0.08	NA	0.25	9.75	3313.57	
RW-2	11/23/21	3362.00	63.40	48.51	49.47	0.96	NA	1.00	9.00	3313.35	
RW-2	12/16/21	3362.00	63.40	48.56	48.62	0.06	NA	sheen	10.00	3313.43	
RW-2	12/22/21	3362.00	63.40	48.62	48.69	0.07	NA	sheen	10.00	3313.37	
RW-2	01/05/22	3362.00	63.40	48.60	48.68	0.08	NA	sheen	10.00	3313.39	

TABLE 2
Cumulative Well Survey Data and Groundwater Elevations
2018-2023
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	01/13/22	3362.00	63.40	48.55	48.56	0.01	NA	sheen	10.00	3313.45	
RW-2	02/18/22	3362.00	63.40	sheen	48.57	sheen	NA	sheen	10.00	3313.43	
RW-2	03/11/22	3362.00	63.40	sheen	48.48	sheen	NA	NA	10.00	3313.52	
RW-2	03/15/22	3362.00	63.40	sheen	48.50	sheen	NA	sheen	10.00	3313.50	
RW-2	03/22/22	3362.00	63.40	sheen	48.50	sheen	NA	NA	10.00	3313.50	
RW-2	04/01/22	3362.00	63.40	sheen	48.52	sheen	NA	sheen	10.00	3313.48	
RW-2	04/08/22	3362.00	63.40	48.53	48.56	0.03	NA	sheen	10.00	3313.47	
RW-2	04/21/22	3362.00	63.40	48.58	48.60	0.02	NA	sheen	10.00	3313.42	
RW-2	05/05/22	3362.00	63.40	48.50	48.52	0.02	NA	sheen	10.00	3313.50	
RW-2	06/23/22	3362.00	63.40	48.56	48.58	0.02	NA	0.25	9.75	3313.44	
RW-2	06/30/22	3362.00	63.40	48.58	48.70	0.12	NA	sheen	10.00	3313.40	
RW-2	07/27/22	3362.00	63.40	48.58	48.71	0.13	NA	sheen	10.00	3313.40	
RW-2	08/18/22	3362.00	63.40	48.64	48.75	0.11	NA	sheen	10.00	3313.34	
RW-2	09/21/22	3362.00	63.40	48.70	49.01	0.31	NA	1.00	9.00	3313.25	
RW-2	09/28/22	3362.00	63.40	48.75	49.20	0.45	NA	0.25	9.75	3313.18	
RW-2	10/07/22	3362.00	63.40	sheen	48.78	sheen	NA	0.25	9.75	3313.22	
RW-2	12/08/22	3362.00	63.40	48.65	48.80	0.15	NA	0.25	9.75	3313.33	
RW-2	01/18/23	3362.00	63.40	48.63	48.75	0.12	NA	sheen	10.00	3313.35	
RW-2	03/07/23	3362.00	63.40	48.55	48.61	0.06	NA	NA	NA	3313.44	
RW-2	06/21/23	3362.00	63.40	48.45	48.60	0.15	NA	0.25	9.75	3313.53	Sampled
RW-2	07/27/23	3362.00	63.40	48.48	48.56	0.08	NA	1.00	9.00	3313.51	
RW-2	08/31/23	3362.00	63.40	48.62	48.71	0.09	NA	2.00	13.00	3313.37	
RW-2	09/22/23	3362.00	63.40	49.69	49.73	0.04	NA	1.50	8.50	3312.30	
RW-2	09/28/23	3362.00	66.00	49.71	49.88	0.17	NA	1.50	8.50	3312.26	
RW-2	11/01/23	3362.00	66.00	49.73	49.90	0.17	NA	1.50	8.50	3312.24	
RW-2	11/21/23	3362.00	63.40	49.78	49.85	0.07	NA	1.00	9.00	3312.21	
RW-2	12/07/23	3362.00	63.40	49.67	49.78	0.11	NA	NA	NA	3312.31	
RW-2	12/20/23	3362.00	63.40	49.74	49.76	0.02	NA	NA	10.00	3312.26	
RW-3	01/03/18	3361.93	63.80	50.12	50.30	0.18	NA	sheen	10.00	3311.78	
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	

TABLE 2
Cumulative Well Survey Data and Groundwater Elevations
2018-2023
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	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	

TABLE 2
Cumulative Well Survey Data and Groundwater Elevations
2018-2023
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	11/13/18	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	
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	

TABLE 2
Cumulative Well Survey Data and Groundwater Elevations
2018-2023
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	09/12/19	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-3	01/07/21	3361.93	63.80	sheen	49.23	sheen	NA	sheen	10.00	3312.70	
RW-3	02/03/21	3361.93	63.80	sheen	49.09	sheen	NA	sheen	10.00	3312.84	
RW-3	03/19/21	3361.93	63.80	49.13	49.17	0.04	NA	0.25	9.75	3312.79	

TABLE 2
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2018-2023
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	03/25/21	3361.93	63.80	sheen	49.10	sheen	NA	sheen	10.00	3312.83	
RW-3	04/09/21	3361.93	63.80	ND	49.10	ND	NA	sheen	10.00	3312.83	
RW-3	05/27/21	3361.93	63.80	ND	49.05	ND	NA	NA	NA	3312.88	
RW-3	06/17/21	3361.93	63.80	sheen	49.07	sheen	NA	0.25	9.75	3312.86	
RW-3	07/29/21	3361.93	63.80	ND	49.10	ND	NA	ND	10.00	3312.83	
RW-3	08/03/21	3361.93	63.80	ND	49.12	ND	NA	ND	10.00	3312.81	
RW-3	09/02/21	3361.93	63.80	49.08	49.10	0.02	NA	ND	10.00	3312.85	
RW-3	09/15/21	3361.93	63.80	49.17	49.19	0.02	NA	sheen	10.00	3312.76	
RW-3	09/23/21	3361.93	63.80	49.15	49.16	0.01	NA	sheen	10.00	3312.78	
RW-3	09/30/21	3361.93	63.80	sheen	49.16	sheen	NA	sheen	10.00	3312.77	
RW-3	10/15/21	3361.93	63.80	49.21	49.25	0.04	NA	sheen	10.00	3312.71	
RW-3	11/23/21	3361.93	63.80	ND	49.05	ND	NA	ND	10.00	3312.88	
RW-3	12/16/21	3361.93	63.80	49.10	49.11	0.01	NA	sheen	10.00	3312.83	
RW-3	12/22/21	3361.93	63.80	sheen	49.17	sheen	NA	sheen	10.00	3312.76	
RW-3	01/05/22	3361.93	63.80	sheen	49.14	sheen	NA	sheen	10.00	3312.79	
RW-3	01/13/22	3361.93	63.80	sheen	49.04	sheen	NA	sheen	10.00	3312.89	
RW-3	02/18/22	3361.93	63.80	49.05	49.10	0.05	NA	0.25	9.75	3312.87	
RW-3	03/11/22	3361.93	63.80	sheen	48.97	sheen	NA	sheen	10.00	3312.96	
RW-3	03/15/22	3361.93	63.80	49.02	49.08	0.06	NA	sheen	10.00	3312.90	
RW-3	03/22/22	3361.93	63.80	sheen	49.00	sheen	NA	sheen	10.00	3312.93	
RW-3	04/01/22	3361.93	63.80	sheen	48.96	sheen	NA	sheen	10.00	3312.97	
RW-3	04/08/22	3361.93	63.80	49.04	49.05	0.01	NA	sheen	10.00	3312.89	
RW-3	04/21/22	3361.93	63.80	sheen	49.10	sheen	NA	sheen	10.00	3312.83	
RW-3	05/05/22	3361.93	63.80	49.02	49.06	0.04	NA	0.25	9.75	3312.90	
RW-3	06/23/22	3361.93	63.80	49.08	49.11	0.03	NA	0.25	9.75	3312.85	
RW-3	06/30/22	3361.93	63.80	sheen	49.11	sheen	NA	sheen	10.00	3312.82	
RW-3	07/27/22	3361.93	63.80	sheen	49.10	sheen	NA	sheen	10.00	3312.83	
RW-3	08/18/22	3361.93	63.80	sheen	49.17	sheen	NA	sheen	10.00	3312.76	
RW-3	09/21/22	3361.93	63.80	49.22	49.25	0.03	NA	1.00	9.00	3312.71	
RW-3	09/28/22	3361.93	63.80	ND	49.30	ND	NA	ND	10.00	3312.63	
RW-3	10/07/22	3361.93	63.80	ND	49.30	ND	NA	ND	10.00	3312.63	
RW-3	12/08/22	3361.93	63.80	49.20	49.22	0.02	NA	0.25	9.75	3312.73	
RW-3	01/18/23	3361.93	63.80	49.16	49.17	0.01	NA	sheen	10.00	3312.77	
RW-3	03/07/23	3361.93	63.80	49.07	49.08	0.01	NA	NA	NA	3312.86	
RW-3	06/21/23	3361.93	63.80	48.88	49.00	0.12	NA	0.25	9.75	3313.03	Sampled
RW-3	07/27/23	3361.93	63.80	48.79	49.08	0.29	NA	1.00	9.00	3313.10	
RW-3	08/31/23	3361.93	63.80	49.15	49.29	0.14	NA	sheen	10.00	3312.76	
RW-3	09/22/23	3361.93	63.80	ND	49.29	ND	NA	ND	10.00	3312.64	
RW-3	09/28/23	3361.93	63.80	ND	49.26	ND	NA	NA	25.00	3312.67	Sampled

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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	11/01/23	3361.93	63.80	ND	49.30	ND	NA	NA	NA	3312.63	
RW-3	11/21/23	3361.93	63.80	ND	49.69	ND	NA	ND	10.00	3312.24	
RW-3	12/07/23	3361.93	63.80	ND	49.31	ND	NA	ND	28.00	3312.62	Sampled
RW-3	12/20/23	3361.93	63.80	ND	49.32	ND	NA	ND	10.00	3312.61	
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-4	03/25/21	3363.22	63.65	ND	48.84	ND	NA	NA	NA	3314.38	Sampled
RW-4	06/17/21	3363.22	63.65	ND	48.81	ND	NA	NA	NA	3314.41	Sampled
RW-4	09/15/21	3363.22	63.65	ND	48.90	ND	NA	NA	NA	3314.32	
RW-4	12/16/21	3363.22	63.65	ND	48.82	ND	NA	NA	NA	3314.40	
RW-4	03/15/22	3363.22	63.65	ND	48.77	ND	NA	NA	NA	3314.45	Sampled
RW-4	06/23/22	3363.22	63.65	ND	48.60	ND	NA	NA	NA	3314.62	Sampled
RW-4	09/28/22	3363.22	63.65	ND	48.98	ND	NA	NA	NA	3314.24	Sampled
RW-4	12/08/22	3363.22	63.65	ND	48.95	ND	NA	NA	NA	3314.27	Sampled
RW-4	03/07/23	3363.22	63.65	ND	48.82	ND	NA	NA	NA	3314.40	
RW-4	06/21/23	3363.22	63.65	ND	48.75	ND	NA	NA	NA	3314.47	Sampled
RW-4	09/28/23	3363.22	63.65	ND	49.00	ND	NA	NA	NA	3314.22	Sampled
RW-4	12/07/23	3363.22	63.65	ND	49.09	ND	NA	NA	29.00	3314.13	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

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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-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-5	03/25/21	3362.38	64.07	ND	49.48	ND	NA	NA	NA	3312.90	Sampled
RW-5	06/17/21	3362.38	64.07	ND	48.44	ND	NA	NA	NA	3313.94	Sampled
RW-5	09/15/21	3362.38	64.07	ND	48.54	ND	NA	NA	NA	3313.84	
RW-5	03/15/22	3362.38	64.07	ND	48.42	ND	NA	NA	NA	3313.96	Sampled
RW-5	06/23/22	3362.38	64.07	ND	48.48	ND	NA	NA	NA	3313.90	Sampled
RW-5	12/16/21	3362.38	64.07	ND	48.45	ND	NA	NA	NA	3313.93	
RW-5	06/23/22	3362.38	64.07	ND	48.48	ND	NA	NA	NA	3313.90	
RW-5	09/28/22	3362.38	64.07	ND	48.63	ND	NA	NA	NA	3313.75	
RW-5	12/08/22	3362.38	64.07	ND	40.60	ND	NA	NA	NA	3321.78	Sampled
RW-5	03/07/23	3362.38	64.07	ND	48.46	ND	NA	NA	NA	3313.92	
RW-5	06/21/23	3362.38	64.07	ND	48.40	ND	NA	NA	NA	3313.98	Sampled
RW-5	09/28/23	3362.38	64.07	ND	48.65	ND	NA	NA	NA	3313.73	Sampled
RW-5	12/07/23	3362.38	64.07	ND	48.60	ND	NA	NA	30.00	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
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-6	03/25/21	3363.11	64.27	ND	49.76	ND	NA	NA	NA	3313.35	Sampled
RW-6	06/17/21	3363.11	64.27	ND	49.75	ND	NA	NA	NA	3313.36	Sampled
RW-6	09/15/21	3363.11	64.27	ND	49.85	ND	NA	NA	NA	3313.26	
RW-6	12/16/21	3363.11	64.27	ND	49.75	ND	NA	NA	NA	3313.36	Sampled
RW-6	03/15/22	3363.11	64.27	ND	49.70	ND	NA	NA	NA	3313.41	Sampled
RW-6	06/23/22	3363.11	64.27	ND	49.76	ND	NA	NA	NA	3313.35	Sampled
RW-6	09/28/22	3363.11	64.27	ND	49.46	ND	NA	NA	NA	3313.65	Sampled
RW-6	12/08/22	3363.11	64.27	ND	49.87	ND	NA	NA	NA	3313.24	Sampled
RW-6	03/07/23	3363.11	64.27	ND	49.74	ND	NA	NA	NA	3313.37	
RW-6	06/21/23	3363.11	64.27	ND	49.70	ND	NA	NA	NA	3313.41	Sampled

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Well Number	Date Measured	Top of Casing Elevation (ft)	Total Depth (ft)	Depth to Product (ft)	Depth to Water (ft)	PSH Thickness (ft)	Recovery Method	Recovery		Corrected Groundwater Elevation (ft)	Comments
								PSH	H_2O		
RW-6	09/28/23	3363.11	64.27	ND	49.95	ND	NA	NA	NA	3313.16	Sampled
RW-6	12/07/23	3363.11	64.27	ND	49.90	ND	NA	NA	28.00	3313.21	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-7	03/25/21	3362.52	68.56	ND	48.45	ND	NA	NA	NA	3314.07	Sampled
RW-7	06/17/21	3362.52	68.56	ND	48.42	ND	NA	NA	NA	3314.10	Sampled
RW-7	09/15/21	3362.52	68.56	ND	48.50	ND	NA	NA	NA	3314.02	Sampled
RW-7	12/16/21	3362.52	68.56	ND	48.41	ND	NA	NA	NA	3314.11	Sampled
RW-7	12/16/21	3362.52	68.56	ND	48.41	ND	NA	NA	NA	3314.11	Sampled
RW-7	06/23/22	3362.52	68.56	ND	48.45	ND	NA	NA	NA	3314.07	Sampled
RW-7	09/28/22	3362.52	68.56	ND	48.62	ND	NA	NA	NA	3313.90	Sampled
RW-7	12/08/22	3362.52	68.56	ND	48.55	ND	NA	NA	NA	3313.97	Sampled
RW-7	03/07/23	3362.52	68.56	ND	48.41	ND	NA	NA	40.00	3314.11	Sampled
RW-7	06/21/23	3362.52	68.56	ND	48.35	ND	NA	NA	NA	3314.17	Sampled
RW-7	09/28/23	3362.52	68.56	ND	48.60	ND	NA	NA	NA	3313.92	Sampled
RW-7	12/07/23	3362.52	68.56	ND	48.58	ND	NA	NA	40.00	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	

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								PSH	H_2O		
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	

TABLE 2
Cumulative Well Survey Data and Groundwater Elevations
2018-2023
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	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	
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	

TABLE 2
Cumulative Well Survey Data and Groundwater Elevations
2018-2023
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	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	
RW-8	01/07/21	3362.52	68.34	49.18	49.20	0.02	NA	sheen	20.00	3313.34	
RW-8	02/03/21	3362.52	68.34	49.08	49.25	0.17	NA	sheen	20.00	3313.41	
RW-8	03/19/21	3362.52	68.34	49.16	49.62	0.46	NA	2.00	18.00	3313.29	

TABLE 2
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2018-2023
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	03/25/21	3362.52	68.34	49.06	49.31	0.25	NA	2.00	18.00	3313.42	
RW-8	04/09/21	3362.52	68.34	sheen	49.11	sheen	NA	sheen	25.00	3313.41	
RW-8	05/27/21	3362.52	68.34	49.05	52.70	3.65	NA	2.00	23.00	3312.92	
RW-8	06/17/21	3362.52	68.34	49.05	49.15	0.10	NA	2.00	23.00	3313.46	
RW-8	07/29/21	3362.52	68.34	49.06	49.10	0.04	NA	sheen	10.00	3313.45	
RW-8	08/03/21	3362.52	68.34	49.12	49.14	0.02	NA	0.50	9.50	3313.40	
RW-8	09/02/21	3362.52	68.34	49.05	49.10	0.05	NA	0.25	9.75	3313.46	
RW-8	09/15/21	3362.52	68.34	49.14	49.18	0.04	NA	NA	NA	3313.37	sampled
RW-8	09/23/21	3362.52	68.34	sheen	49.14	sheen	NA	sheen	10.00	3313.38	
RW-8	09/30/21	3362.52	68.34	sheen	49.13	sheen	NA	sheen	10.00	3313.39	
RW-8	10/15/21	3362.52	68.34	49.21	49.34	0.13	NA	1.00	9.00	3313.29	
RW-8	11/23/21	3362.52	68.34	49.02	49.08	0.06	NA	0.25	9.75	3313.49	
RW-8	12/16/21	3362.52	68.34	sheen	49.09	sheen	NA	sheen	10.00	3313.43	
RW-8	12/22/21	3362.52	68.34	49.11	49.13	0.02	NA	sheen	10.00	3313.41	
RW-8	01/05/22	3362.52	68.34	49.13	49.18	0.05	NA	0.25	9.75	3313.38	
RW-8	01/13/22	3362.52	68.34	49.04	49.05	0.01	NA	sheen	10.00	3313.48	
RW-8	02/18/22	3362.52	68.34	49.04	49.09	0.05	NA	0.25	9.75	3313.47	
RW-8	03/11/22	3362.52	68.34	sheen	49.02	sheen	NA	sheen	10.00	3313.50	
RW-8	03/15/22	3362.52	68.34	49.00	49.03	0.03	NA	sheen	10.00	3313.52	
RW-8	04/01/22	3362.52	68.34	sheen	48.98	sheen	NA	sheen	10.00	3313.54	
RW-8	03/22/22	3362.52	68.34	sheen	49.00	sheen	NA	sheen	10.00	3313.52	
RW-8	04/08/22	3362.52	68.34	49.04	49.28	0.24	NA	0.25	9.75	3313.44	
RW-8	04/21/22	3362.52	68.34	49.11	49.32	0.21	NA	sheen	10.00	3313.38	
RW-8	05/05/22	3362.52	68.34	49.02	49.20	0.18	NA	0.25	9.75	3313.47	
RW-8	06/23/22	3362.52	68.34	48.91	49.08	0.17	NA	sheen	10.00	3313.58	
RW-8	06/30/22	3362.52	68.34	49.08	49.16	0.08	NA	sheen	10.00	3313.43	
RW-8	07/27/22	3362.52	68.34	49.10	49.26	0.16	NA	sheen	10.00	3313.40	
RW-8	08/18/22	3362.52	68.34	49.15	49.48	0.33	NA	sheen	10.00	3313.32	
RW-8	09/21/22	3362.52	68.34	49.22	49.45	0.23	NA	0.25	9.75	3313.27	
RW-8	09/28/22	3362.52	68.34	49.22	49.28	0.06	NA	1.00	9.00	3313.29	
RW-8	10/07/22	3362.52	68.34	49.30	49.38	0.08	NA	1.00	9.00	3313.21	
RW-8	12/08/22	3362.52	68.34	49.16	49.21	0.05	NA	2.00	23.00	3313.35	
RW-8	01/18/23	3362.52	68.34	49.14	49.16	0.02	NA	sheen	10.00	3313.38	
RW-8	03/07/23	3362.52	68.34	49.04	49.05	0.01	NA	NA	NA	3313.48	
RW-8	06/21/23	3362.52	68.34	48.95	49.25	0.30	NA	2.00	23.00	3313.53	Sampled
RW-8	07/27/23	3362.52	68.34	48.92	49.24	0.32	NA	1.00	9.00	3313.55	
RW-8	08/31/23	3362.52	68.34	49.15	49.26	0.11	NA	sheen	10.00	3313.35	
RW-8	09/22/23	3362.52	68.34	49.25	49.39	0.14	NA	1.00	10.00	3313.25	
RW-8	09/28/23	3362.52	68.34	49.23	49.40	0.17	NA	1.50	8.50	3313.26	

TABLE 2
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2018-2023
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	11/01/23	3362.52	68.34	49.30	49.45	0.15	NA	2.00	8.00	3313.20	
RW-8	11/21/23	3362.52	68.34	49.28	49.51	0.23	NA	2.00	8.00	3313.21	
RW-8	12/07/23	3362.52	68.34	49.00	49.55	0.55	NA	NA	NA	3313.44	
RW-8	12/20/23	3362.52	68.34	49.25	49.38	0.13	NA	1.50	8.50	3313.25	

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
2021-2022 Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	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	03/25/21	NS	NS	NS	NS
MW-1	06/17/21	<0.001	<0.001	<0.001	<0.003
MW-1	09/16/21	NS	NS	NS	NS
MW-1	12/16/21	<0.001	<0.001	<0.001	<0.003
MW-1	03/16/22	NS	NS	NS	NS
MW-1	06/23/22	<0.0000941	<0.000278	<0.000137	<0.000174
MW-1	09/28/22	<0.0000941	<0.000278	<0.000137	<0.000174
MW-1	12/09/22	<0.000493	<0.000998	<0.000462	<0.00132
MW-1	03/08/23	NS	NS	NS	NS
MW-1	06/21/23	<0.0000941	<0.000278	<0.000137	<0.000174
MW-1	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132
MW-1	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174
MW-2	03/25/21	NS	NS	NS	NS
MW-2	06/18/21	<0.001	<0.001	<0.001	<0.003
MW-2	09/16/21	NS	NS	NS	NS
MW-2	12/16/21	<0.001	<0.001	<0.001	<0.003
MW-2	03/16/22	NS	NS	NS	NS
MW-2	06/23/22	<0.0000941	<0.000278	<0.000137	<0.000174
MW-2	09/28/22	<0.0000941	<0.000278	<0.000137	<0.000174
MW-2	12/09/22	<0.000493	<0.000998	<0.000462	<0.00132
MW-2	03/08/23	NS	NS	NS	NS
MW-2	06/21/23	<0.0000941	<0.000278	<0.000137	<0.000174
MW-2	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132
MW-2	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174
MW-3	03/25/21	<0.001	<0.001	<0.001	<0.003
MW-3	06/18/21	<0.001	<0.001	<0.001	<0.003
MW-3	09/16/21	<0.001	<0.001	<0.001	<0.003
MW-3	12/16/21	<0.001	<0.001	<0.001	<0.003
MW-3	03/16/22	<0.001	<0.001	<0.001	<0.003
MW-3	06/23/22	<0.0000941	<0.000278	<0.000137	<0.000174
MW-3	09/28/22	<0.0000941	<0.000278	<0.000137	<0.000174
MW-3	12/09/22	<0.000493	<0.000998	<0.000462	<0.00132
MW-3	03/08/23	<0.0000941	<0.000278	<0.000137	<0.000174
MW-3	06/21/23	<0.0000941	<0.000278	<0.000137	<0.000174
MW-3	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132
MW-3	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174
MW-4	03/25/21	<0.001	<0.001	<0.001	<0.003
MW-4	06/17/21	<0.001	<0.001	<0.001	<0.003
MW-4	09/16/21	<0.001	<0.001	<0.001	<0.003
MW-4	12/16/21	<0.001	<0.001	<0.001	<0.003
MW-4	03/16/22	NS	NS	NS	NS
MW-4	06/23/22	<0.0000941	<0.000278	<0.000137	<0.000174
MW-4	09/28/22	<0.0000941	<0.000278	<0.000137	<0.000174
MW-4	12/09/22	<0.000493	<0.000998	<0.000462	<0.00132
MW-4	03/08/23	NS	NS	NS	NS
MW-4	06/22/23	<0.0000941	<0.000278	<0.000137	<0.000174
MW-4	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132
MW-4	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174

TABLE 3
2021-2022 Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	SW 846-8021B			
		Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
		NMOCD Remediation Criteria			
		0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-5	03/25/21	<0.001	<0.001	<0.001	<0.003
MW-5	06/18/21	<0.001	<0.001	<0.001	<0.003
MW-5	09/16/21	<0.001	<0.001	<0.001	<0.003
MW-5	12/16/21	<0.001	<0.001	<0.001	<0.003
MW-5	03/16/22	<0.001	<0.001	<0.001	<0.003
MW-5	06/23/22	<0.0000941	<0.000278	<0.000137	<0.000174
MW-5	09/28/22	<0.0000941	<0.000278	<0.000137	<0.000174
MW-5	12/09/22	<0.000493	<0.000998	<0.000462	<0.00132
MW-5	03/08/23	NS	NS	NS	NS
MW-5	06/22/23	<0.0000941	<0.000278	<0.000137	<0.000174
MW-5	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132
MW-5	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174
MW-6	03/25/21	<0.001	<0.001	<0.001	<0.003
MW-6	06/18/21	<0.001	<0.001	<0.001	<0.003
MW-6	09/16/21	<0.001	<0.001	<0.001	<0.003
MW-6	12/16/21	<0.001	<0.001	<0.001	<0.003
MW-6	03/16/22	NS	NS	NS	NS
MW-6	06/23/22	<0.0000941	<0.000278	<0.000137	<0.000174
MW-6	09/28/22	<0.0000941	<0.000278	<0.000137	<0.000174
MW-6	12/09/22	<0.000493	<0.000998	<0.000462	<0.00132
MW-6	03/08/23	<0.0000941	<0.000278	<0.000137	<0.000174
MW-6	06/22/23	<0.0000941	<0.000278	<0.000137	<0.000174
MW-6	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132
MW-6	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174
MW-7	03/25/21	<0.001	<0.001	<0.001	<0.003
MW-7	06/17/21	<0.001	<0.001	<0.001	<0.003
MW-7	09/16/21	<0.001	<0.001	<0.001	<0.003
MW-7	12/16/21	<0.001	<0.001	<0.001	<0.003
MW-7	03/16/22	NS	NS	NS	NS
MW-7	06/23/22	<0.0000941	<0.000278	<0.000137	<0.000174
MW-7	09/28/22	<0.0000941	<0.000278	<0.000137	<0.000174
MW-7	12/09/22	<0.000493	<0.000998	<0.000462	<0.00132
MW-7	03/08/23	NS	NS	NS	NS
MW-7	06/21/23	<0.0000941	<0.000278	<0.000137	<0.000174
MW-7	09/29/23	0.000935 J	<0.000998	<0.000462	0.00955
MW-7	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174
RW-1	03/25/21	0.00296	<0.001	0.0214	0.0256
RW-1	06/17/21	0.00714	<0.001	0.0322	0.0320
RW-1	09/16/21	0.00577	0.00270	0.0121	0.0178
RW-1	12/16/21	0.00454	<0.001	0.0149	0.0158
RW-1	03/16/22	**0.0128**	0.00141	0.0356	0.0205
RW-1	06/23/22	0.00478	<0.000278	0.00883	0.0106 J
RW-1	09/28/22	0.00103	<0.000278	0.00378	0.00494
RW-1	12/09/22	NS	NS	NS	NS
RW-1	03/08/23	0.000485 J	<0.000278	0.000329 J	0.000767 J
RW-1	06/22/23	0.000542 J	<0.000278	0.00555	0.0112
RW-1	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132
RW-1	12/08/23	0.000867 J	<0.000278	<0.000137	0.00774

TABLE 3
2021-2022 Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	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-2	03/25/21	NS	NS	NS	NS
RW-2	06/17/21	0.0041	0.00201	0.0205	0.0490
RW-2	09/16/21	NS	NS	NS	NS
RW-2	12/16/21	NS	NS	NS	NS
RW-2	03/16/22	0.00134	<0.001	<0.001	0.00938
RW-2	06/23/22	0.00546	0.00106	0.00658	0.0373
RW-2	09/28/22	NS	NS	NS	NS
RW-2	12/09/22	NS	NS	NS	NS
RW-2	03/08/23	NS	NS	NS	NS
RW-2	06/22/23	0.00082 J	<0.000278	0.000415 J	0.00481
RW-2	09/29/23	NS	NS	NS	NS
RW-2	12/08/23	NS	NS	NS	NS
RW-3	03/25/21	0.00178	<0.001	0.00930	0.0163
RW-3	06/18/21	<0.001	<0.001	0.00449	0.00619
RW-3	09/16/21	NS	NS	NS	NS
RW-3	12/16/21	NS	NS	NS	NS
RW-3	03/16/22	NS	NS	NS	NS
RW-3	06/23/22	0.000539 J	<0.000278	0.00197	0.00146 J
RW-3	09/28/22	0.00126	<0.000278	0.00213	0.00174 J
RW-3	12/09/22	NS	NS	NS	NS
RW-3	03/08/23	NS	NS	NS	NS
RW-3	06/22/23	0.00654	0.00121	0.00544	0.0509
RW-3	09/29/23	0.000906 J	<0.000998	0.00577	0.00343 J
RW-3	12/08/23	0.00101	<0.000278	0.00165	0.00116 J
RW-4	03/25/21	<0.001	<0.001	<0.001	<0.003
RW-4	06/18/21	<0.001	<0.001	<0.001	<0.003
RW-4	09/16/21	NS	NS	NS	NS
RW-4	12/16/21	<0.001	<0.001	<0.001	<0.003
RW-4	03/16/22	NS	NS	NS	NS
RW-4	06/23/22	<0.0000941	<0.000278	<0.000137	<0.000174
RW-4	09/28/22	<0.0000941	<0.000278	<0.000137	<0.000174
RW-4	12/09/22	<0.000493	<0.000998	<0.000462	<0.00132
RW-4	03/08/23	NS	NS	NS	NS
RW-4	06/22/23	0.00166	<0.000278	0.00944	0.00629
RW-4	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132
RW-4	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174
RW-5	03/25/21	NS	NS	NS	NS
RW-5	06/18/21	<0.001	<0.001	<0.001	<0.003
RW-5	09/16/21	NS	NS	NS	NS
RW-5	12/16/21	<0.001	<0.001	<0.001	<0.003
RW-5	03/16/22	NS	NS	NS	NS
RW-5	06/23/22	<0.0000941	<0.000278	<0.000137	<0.000174
RW-5	09/28/22	<0.0000941	<0.000278	<0.000137	<0.000174
RW-5	12/09/22	<0.000493	<0.000998	<0.000462	<0.00132
RW-5	03/08/23	NS	NS	NS	NS
RW-5	06/22/23	<0.0000941	<0.000278	<0.000137	<0.000174
RW-5	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132
RW-5	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174

TABLE 3
2021-2022 Groundwater Analytical Results
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well Number	Sample Date	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	03/25/21	NS	NS	NS	NS
RW-6	06/18/21	<0.001	<0.001	<0.001	<0.003
RW-6	09/16/21	NS	NS	NS	NS
RW-6	12/16/21	<0.001	<0.001	<0.001	<0.003
RW-6	03/16/22	NS	NS	NS	NS
RW-6	06/23/22	<0.0000941	<0.000278	<0.000137	<0.000174
RW-6	09/28/22	<0.0000941	<0.000278	<0.000137	<0.000174
RW-6	12/09/22	<0.000493	<0.000998	<0.000462	<0.00132
RW-6	03/08/23	NS	NS	NS	NS
RW-6	06/22/23	<0.0000941	<0.000278	<0.000137	<0.000174
RW-6	09/29/23	<0.000493	<0.000998	<0.000462	<0.00132
RW-6	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174
RW-7	03/25/21	0.00151	<0.001	0.00108	<0.003
RW-7	06/18/21	<0.001	<0.001	0.00179	<0.003
RW-7	09/16/21	0.00114	<0.001	0.00126	<0.003
RW-7	12/16/21	0.00126	<0.001	<0.001	<0.003
RW-7	03/16/22	0.00265	<0.001	0.00704	<0.003
RW-7	06/23/22	0.000332 J	<0.000278	0.00104	<0.000174
RW-7	09/28/22	0.00175	<0.000278	0.00140	<0.000174
RW-7	12/09/22	0.00127 J	<0.000998	0.00103 J	<0.00132
RW-7	03/08/23	0.000199 J	<0.000278	0.000446 J	<0.000174
RW-7	06/22/23	<0.0000941	<0.000278	<0.000137	<0.000174
RW-7	09/29/23	0.000713 J	<0.000998	<0.000462	<0.00132
RW-7	12/08/23	<0.0000941	<0.000278	<0.000137	<0.000174
RW-8	03/25/21	NS	NS	NS	NS
RW-8	06/18/21	0.00498	<0.001	0.0417	0.0832
RW-8	09/16/21	**0.0265**	<0.001	0.0519	0.0913
RW-8	12/16/21	0.00562	<0.001	0.0230	0.0545
RW-8	03/16/22	NS	NS	NS	NS
RW-8	06/23/22	0.000989 J	<0.000278	0.0219	0.0533
RW-8	03/08/23	NS	NS	NS	NS
RW-8	06/22/23	0.000571 J	<0.000278	<0.000137	<0.000174
RW-8	09/29/23	NS	NS	NS	NS
RW-8	12/08/23	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			
			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
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

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			
			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	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
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-1	03/25/21	NS	NS	NS	NS	NS
MW-1	06/17/21	L1369543-01	<0.001	<0.001	<0.001	<0.003
MW-1	09/16/21	NS	NS	NS	NS	NS
MW-1	12/16/21	L1444115-01	<0.001	<0.001	<0.001	<0.003
MW-1	06/23/22	L1509144-01	<0.0000941	<0.000278	<0.000137	<0.000174
MW-1	09/28/22	L1541769-01	<0.0000941	<0.000278	<0.000137	<0.000174
MW-1	12/09/22	L1566269-01	<0.000493	<0.000998	<0.000462	<0.00132
MW-1	06/21/23	L1629230-01	<0.0000941	<0.000278	<0.000137	<0.000174
MW-1	09/29/23	L1661994-01	<0.000493	<0.000998	<0.000462	<0.00132
MW-1	12/08/23	L1686258-01	<0.0000941	<0.000278	<0.000137	<0.000174
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

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			
			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	02/17/09	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
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
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

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			
			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	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-2	03/25/21	NS	NS	NS	NS	NS
MW-2	06/18/21	L1369543-02	<0.001	<0.001	<0.001	<0.003
MW-2	09/16/21	NS	NS	NS	NS	NS
MW-2	12/16/21	L1444115-02	<0.001	<0.001	<0.001	<0.003
MW-2	06/23/22	L1509144-02	<0.0000941	<0.000278	<0.000137	<0.000174
MW-2	09/28/22	L1541769-02	<0.0000941	<0.000278	<0.000137	<0.000174
MW-2	12/09/22	L1566269-02	<0.000493	<0.000998	<0.000462	<0.00132
MW-2	06/21/23	L1629230-02	<0.0000941	<0.000278	<0.000137	<0.000174
MW-2	09/29/23	L1661994-02	<0.000493	<0.000998	<0.000462	<0.00132
MW-2	12/08/23	L1686258-02	<0.0000941	<0.000278	<0.000137	<0.000174
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
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

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			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-3	09/11/12	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
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-3	03/25/21	L1331415-01	<0.001	<0.001	<0.001	<0.003
MW-3	06/18/21	L1369543-03	<0.001	<0.001	<0.001	<0.003
MW-3	09/16/21	L1405764-01	<0.001	<0.001	<0.001	<0.003
MW-3	12/16/21	L1444115-03	<0.001	<0.001	<0.001	<0.003
MW-3	06/23/22	L1509144-03	<0.0000941	<0.000278	<0.000137	<0.000174
MW-3	09/28/22	L1541769-03	<0.0000941	<0.000278	<0.000137	<0.000174
MW-3	12/09/22	L1566269-03	<0.000493	<0.000998	<0.000462	<0.00132

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			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-3	03/08/23	L1594221-01	<0.0000941	<0.000278	<0.000137	<0.000174
MW-3	06/21/23	L1629230-03	<0.0000941	<0.000278	<0.000137	<0.000174
MW-3	09/29/23	L1661994-03	<0.000493	<0.000998	<0.000462	<0.00132
MW-3	12/08/23	L1686258-03	<0.0000941	<0.000278	<0.000137	<0.000174
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
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
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

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			
			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	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-4	03/25/21	L1331415-02	<0.001	<0.001	<0.001	<0.003
MW-4	06/17/21	L1369543-04	<0.001	<0.001	<0.001	<0.003
MW-4	09/16/21	L1405764-02	<0.001	<0.001	<0.001	<0.003
MW-4	12/16/21	L1444115-04	<0.001	<0.001	<0.001	<0.003
MW-4	06/23/22	L1509144-04	<0.0000941	<0.000278	<0.000137	<0.000174
MW-4	09/28/22	L1541769-04	<0.0000941	<0.000278	<0.000137	<0.000174
MW-4	12/09/22	L1566269-04	<0.000493	<0.000998	<0.000462	<0.00132
MW-4	06/22/23	L1566269-04	<0.0000941	<0.000278	<0.000137	<0.000174
MW-4	09/29/23	L1661994-04	<0.000493	<0.000998	<0.000462	<0.00132
MW-4	12/08/23	L1686258-04	<0.0000941	<0.000278	<0.000137	<0.000174
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
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

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			
			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	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
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

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			
			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	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
MW-5	03/25/21	L1331415-03	<0.001	<0.001	<0.001	<0.003
MW-5	06/18/21	L1369543-05	<0.001	<0.001	<0.001	<0.003
MW-5	09/16/21	L1405764-03	<0.001	<0.001	<0.001	<0.003
MW-5	12/16/21	L1444115-05	<0.001	<0.001	<0.001	<0.003
MW-5	06/23/22	L1509144-05	<0.0000941	<0.000278	<0.000137	<0.000174
MW-5	09/28/22	L1541769-05	<0.0000941	<0.000278	<0.000137	<0.000174
MW-5	12/09/22	L1566269-05	<0.000493	<0.000998	<0.000462	<0.00132
MW-5	06/22/23	L1629230-05	<0.0000941	<0.000278	<0.000137	<0.000174
MW-5	09/29/23	L1661994-05	<0.000493	<0.000998	<0.000462	<0.00132
MW-5	12/08/23	L1686258-05	<0.0000941	<0.000278	<0.000137	<0.000174
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
MW-6	06/11/13	L641163-06	<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			
			Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
			NMOCD Remediation Criteria			
			0.01 mg/L	0.75 mg/L	0.75 mg/L	0.62 mg/L
MW-6	09/10/13	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
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-6	03/25/21	L1331415-04	<0.001	<0.001	<0.001	<0.003
MW-6	06/18/21	L1369543-06	<0.001	<0.001	<0.001	<0.003
MW-6	09/16/21	L1405764-04	<0.001	<0.001	<0.001	<0.003
MW-6	12/16/21	L1444115-06	<0.001	<0.001	<0.001	<0.003
MW-6	06/23/22	L1509144-06	<0.0000941	<0.000278	<0.000137	<0.000174
MW-6	09/28/22	L1541769-06	<0.0000941	<0.000278	<0.000137	<0.000174
MW-6	12/09/22	L1566269-06	<0.000493	<0.000998	<0.000462	<0.00132
MW-6	03/08/23	L15942214-02	<0.0000941	<0.000278	<0.000137	<0.000174
MW-6	06/22/23	L1629230-06	<0.0000941	<0.000278	<0.000137	<0.000174
MW-6	09/29/23	L1661994-06	<0.000493	<0.000998	<0.000462	<0.00132
MW-6	12/08/23	L1686258-06	<0.0000941	<0.000278	<0.000137	<0.000174

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			
			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	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
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

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			
			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	05/08/17	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
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
MW-7	03/25/21	L1331415-05	<0.001	<0.001	<0.001	<0.003
MW-7	06/17/21	L1369543-07	<0.001	<0.001	<0.001	<0.003
MW-7	09/16/21	L1405764-05	<0.001	<0.001	<0.001	<0.003
MW-7	12/16/21	L1444115-07	<0.001	<0.001	<0.001	<0.003
MW-7	06/23/22	L1509144-07	<0.0000941	<0.000278	<0.000137	<0.000174
MW-7	09/28/22	L1541769-07	<0.0000941	<0.000278	<0.000137	<0.000174
MW-7	12/09/22	L1566269-07	<0.000493	<0.000998	<0.000462	<0.00132
MW-7	06/21/23	L1629230-07	<0.0000941	<0.000278	<0.000137	<0.000174
MW-7	09/29/23	L1661994-07	0.000935 J	<0.000998	<0.000462	0.00955
MW-7	12/08/23	L1686258-07	<0.0000941	<0.000278	<0.000137	<0.000174
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-1	03/25/21	L1331415-06	0.00296	<0.001	0.0214	0.0256
RW-1	06/17/21	L1369543-08	0.00714	<0.001	0.0322	0.0320

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			
			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-1	09/16/21	L1405764-06	0.00577	0.00270	0.0121	0.0178
RW-1	12/16/21	L1444115-08	0.00454	<0.001	0.0149	0.0158
RW-1	06/23/22	L1509144-08	0.00478	<0.00139	0.00883	0.0106 J
RW-1	09/28/22	L1541769-08	0.00103	<0.000278	0.00378	0.00494
RW-1	03/08/23	L1594221-03	0.000485 J	<0.000278	0.000329 J	0.000767 J
RW-1	06/22/23	L1629230-08	0.000542 J	<0.000278	0.00555	0.0112
RW-1	09/29/23	L1661994-08	<0.000493	<0.000998	<0.000462	<0.00132
RW-1	12/08/23	L1686258-08	0.000867 J	<0.000278	<0.000137	0.00774
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
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-2	06/17/21	L1369543-09	**0.0410**	0.00201	0.0205	0.00490
RW-2	06/23/22	L1509144-09	0.00546	0.00106	0.00658	0.0373
RW-2	06/22/23	L1629230-09	0.00082 J	<0.000278	0.000415 J	0.00481
RW-2	09/29/23	NS	NS	NS	NS	NS
RW-2	12/08/23	NS	NS	NS	NS	NS
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-3	03/25/21	L1331415-07	0.00178	<0.001	0.00930	0.0163
RW-3	06/18/21	L1369543-10	<0.001	<0.001	0.00449	0.00619
RW-3	06/23/22	L1509144-10	0.000539 J	<0.000278	0.00197	0.00146 J
RW-3	09/28/22	L1541769-09	0.00126	<0.000278	0.00213	0.00174 J
RW-3	06/22/23	L1629230-10	0.00654	0.00121	0.00544	0.0509
RW-3	09/29/23	L1661994-09	0.000906 J	<0.000998	0.00577	0.00343 J

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			
			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	12/08/23	L1686258-09	0.00101	<0.000278	0.00165	0.00116 J
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
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
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

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			
			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	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-4	03/25/21	L1331415-08	<0.001	<0.001	<0.001	<0.003
RW-4	06/18/21	L1369543-11	<0.001	<0.001	<0.001	<0.003
RW-4	09/16/21	NS	NS	NS	NS	NS
RW-4	12/16/21	L1444115-09	<0.001	<0.001	<0.001	<0.003
RW-4	06/23/22	L1509144-11	<0.0000941	<0.000278	<0.000137	<0.000174
RW-4	09/28/22	L1541769-10	<0.0000941	<0.000278	<0.000137	<0.000174
RW-4	12/09/22	L1566269-08	<0.000493	<0.000998	<0.000462	<0.00132
RW-4	06/22/23	L1629230-11	0.00166	<0.000278	0.00944	0.00629
RW-4	09/29/23	L1661994-10	<0.000493	<0.000998	<0.000462	<0.00132
RW-4	12/08/23	L1686258-10	<0.0000941	<0.000278	<0.000137	<0.000174
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
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

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			
			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	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
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

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			
			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	12/23/20	L1300493-10	<0.001	<0.001	<0.001	<0.003
RW-5	03/25/21	NS	NS	NS	NS	NS
RW-5	06/18/21	L1369543-12	<0.001	<0.001	<0.001	<0.003
RW-5	09/16/21	NS	NS	NS	NS	NS
RW-5	12/16/21	L1444115-10	<0.001	<0.001	<0.001	<0.003
RW-5	06/23/22	L1509144-12	<0.0000941	<0.000278	<0.000137	<0.000174
RW-5	09/28/22	L1541769-11	<0.0000941	<0.000278	<0.000137	<0.000174
RW-5	12/09/22	L1566269-09	<0.000493	<0.000998	<0.000462	<0.00132
RW-5	06/22/23	L1629230-12	<0.0000941	<0.000278	<0.000137	<0.000174
RW-5	09/29/23	L1661994-11	<0.000493	<0.000998	<0.000462	<0.00132
RW-5	12/08/23	L1686258-11	<0.0000941	<0.000278	<0.000137	<0.000174
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
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

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			
			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	06/03/14	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
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-6	03/25/21	NS	NS	NS	NS	NS
RW-6	06/18/21	L1369543-13	<0.001	<0.001	<0.001	<0.003
RW-6	09/16/21	NS	NS	NS	NS	NS
RW-6	12/16/21	L1444115-11	<0.001	<0.001	<0.001	<0.003
RW-6	06/23/22	L1509144-13	<0.0000941	<0.000278	<0.000137	<0.000174
RW-6	09/28/22	L1541769-12	<0.0000941	<0.000278	<0.000137	<0.000174
RW-6	12/09/22	L1566269-10	<0.000493	<0.000998	<0.000462	<0.00132
RW-6	06/22/23	L1629230-13	<0.0000941	<0.000278	<0.000137	<0.000174
RW-6	09/29/23	L1661994-12	<0.000493	<0.000998	<0.000462	<0.00132
RW-6	12/08/23	L1686258-12	<0.0000941	<0.000278	<0.000137	<0.000174
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

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			
			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	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
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-7	03/25/21	L1331415-08	0.00151	<0.001	0.00108	<0.003
RW-7	06/18/21	L1369543-14	<0.001	<0.001	0.00179	<0.003
RW-7	09/16/21	L1405764-07	0.00114	<0.001	0.00126	<0.003
RW-7	12/16/21	L1444115-12	0.00126	<0.001	<0.001	<0.003
RW-7	06/23/22	L1509144-14	0.000332 J	<0.000278	0.00104	<0.000174
RW-7	09/28/22	L1541769-13	0.00175	<0.000278	0.00140	<0.000174
RW-7	12/09/22	L1566269-11	0.00127 J	<0.000998	0.00103 J	<0.00132
RW-7	03/08/23	L1594221-04	0.000199 J	<0.000278	0.000446 J	<0.000174
RW-7	06/22/23	L1629230-14	<0.0000941	<0.000278	<0.000137	<0.000174
RW-7	09/29/23	L1661994-13	0.000713 J	<0.000998	<0.000462	<0.00132
RW-7	12/08/23	L1686258-13	<0.0000941	<0.000278	<0.000137	<0.000174
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

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			
			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-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**	<0.001	0.115	0.258
RW-8	06/18/21	L1369543-15	0.00498	<0.001	0.0417	0.0832
RW-8	09/16/21	L1405764-08	**0.0265**	<0.001	0.0519	0.0913
RW-8	12/16/21	L1444115-13	0.00562	<0.001	0.0230	0.0545
RW-8	06/23/22	L1509144-15	0.000989 J	<0.000278	0.0219	0.0533
RW-8	06/22/23	L1629230-15	0.000571 J	<0.000278	<0.000137	<0.000174
RW-8	09/29/23	NS	NS	NS	NS	NS
RW-8	12/08/23	NS	NS	NS	NS	NS

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)
Other regulatory limits (Tap Water*)			***		365	243	0.91	1100	1830	1460	183	0.91	29.1	0.91	0.7**		0.091		9.1			***			
MW-1	12/7/2011	1112252-01	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	NA	NA	NA	NA	NA
MW-1	5/22/2012	12051078-01	<0.0965	<0.0965	<0.0965	<0.0965	<0.0965	<0.0965	<0.0965	<0.0965	<0.0965	<0.0965	<0.0965	<0.0965	<0.0965		<0.0965	<0.0965	<0.0965	NA	NA	NA	NA	NA	NA
MW-1	5/17/2016	L836879-01	0.0394 BJ	<0.0500	<0.0500	<0.0500	<0.0500	0.00931 J	<0.0500	<0.0500	<0.0500	0.00786 BJ	<0.0500	<0.0500	<0.0500	0.0193 BJ	<0.0500	<0.0500	<0.0500	0.0126 J	0.0129 J	NA	NA	NA	NA
MW-1	5/8/2017	L908717-01	0.0713 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	0.0442 J	<0.0500	<0.0500	<0.0500	0.0265 J	0.0215 J	NA	NA	NA	NA
MW-2	5/17/2016	L836879-02	0.0421 BJ	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.00618 BJ	<0.0500	<0.0500	<0.0500	0.00393 BJ	<0.0500	<0.0500	<0.0500	0.00825 J	0.0098 J	NA	NA	NA	NA
MW-2	5/8/2017	L908717-02	0.0299 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	0.0019 J	<0.0500	<0.0500	<0.0500	<0.250	<0.250	NA	NA	NA	NA
MW-3	5/17/2016	L836879-03	0.0222 BJ	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.00624 BJ	<0.0500	<0.0500	<0.0500	0.00424 BJ	<0.0500	<0.0500	<0.0500	<0.250	<0.250	NA	NA	NA	NA
MW-3	5/8/2017	L908717-03	0.0340 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	0.00146 J	<0.0500	<0.0500	<0.0500	<0.250	<0.250	NA	NA	NA	NA
MW-4	5/17/2016	L836879-04	0.0316 BJ	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.00598 BJ	<0.0500	<0.0500	<0.0500	0.00287 BJ	<0.0500	<0.0500	<0.0500	<0.250	<0.250	NA	NA	NA	NA
MW-4	5/8/2017	L908717-04	0.0337 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	0.00208 J	<0.0500	<0.0500	<0.0500	<0.250	<0.250	NA	NA	NA	NA
MW-5	5/17/2016	L836879-05	0.0234 BJ	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.00603 BJ	<0.0500	<0.0500	<0.0500	0.00225 BJ	<0.0500	<0.0500	<0.0500	<0.250	<0.250	NA	NA	NA	NA
MW-5	5/9/2017	L908717-05	0.0241 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	0.00148 J	<0.0500	<0.0500	<0.0500	<0.250	<0.250	NA	NA	NA	NA
MW-6	5/17/2016	L836879-06	0.467 BJ	<0.0500	0.016 J	<0.0500	<0.0500	0.0101 J	<0.0500	<0.0500	<0.0500	0.00622 BJ	<0.0500	<0.0500	<0.0500	0.00636 BJ	<0.0500	<0.0500	<0.0500	<0.50	<0.50	NA	NA	NA	NA
MW-6	5/9/2017	L908717-06	0.035 J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.00223 J	<0.0500	0.0350 J	<0.0500	<0.0500	<0.0500	<0.250	<0.250	NA	NA	NA	NA
MW-7	5/17/2016	L836879-07	0.0298 BJ	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.00695 BJ	<0.0500	<0.0500	<0.0500	0.00359 BJ	<0.0500	<0.0500	<0.0500	<0.250	<0.250	NA	NA	NA	NA
MW-7	5/8/2017	L908717-07	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	0.00204 J	<0.0500	<0.0500	<0.0500	<0.250	<0.250	NA	NA	NA	NA
RW-1	5/28/2008	T22367-8	14.1	<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		13		9.01	3.28	
RW-1	5/19/2009	196557	17.6	<0.0707	<0.131	1.98	<0.0801	2.76	<0.808	<0.808	<0.0458	<0.0302	<0.0913	<0.0631	<0.0506	<0.0558	2.34	<0.0628	<0.0765	19.9	17.2	37.1	3.73	<0.876	
RW-1	5/12/2010	1005475-08	2	<0.20	<0.20	0.31	<0.20	0.39	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.39	<0.20	<0.20	2.8	2.3	5.1	6.5	4.6	<0.47
RW-1	5/22/2012	12051078-08	17.1	0.196	0.167	<0.0982	<0.0982	1.59	<0.0982	1.17	<0.0982	<0.0982	0.208	<0.0982	<0.0982		<0.0982	<0.0982	<0.0982	NA	NA	NA	NA	NA	NA
RW-1	6/11/2013	L641163-08	8.7	0.069	0.14	0.51	<0.015	0.42 J	0.046 J	<0.016	0.021	<0.012	<0.040	<0.014	<0.012	0.081	<0.040	<0.011	<0.014	8.3	6.9	NA	NA	NA	NA
RW-1	6/3/2014	L703477-08	0.018	0.00022	0.006	0.0018	<0.0500	0.0022	<0.00005	0.000049J	0.00022	0.000034	0.00011	<0.0500	<0.0500	0.0022	<0.0500	0.016 J	<0.0500	0.021	0.019	0.04	NA	NA	NA
RW-1	6/16/2015	L772255-08	0.0025	0.000034 J	0.000079 J	0.0003	<0.0500	0.00025 J	0.000034 J	<0.0500	0.018 J	0.000016 J	<0.0500	0.0034 J	<0.0500	0.00029	<0.0500	0.0033 J	<0.0500	0.0026	0.0017	0.0043	NA	NA	NA
RW-1	5/17/2016	L836879-08	2.87	0.0165 J	0.042 J	0.138	<0.0500	0.123	0.0235 J	<0.0500	0.0144 J	0.00824 BJ	<0.0500	<0.0500	<0.0500	0.187	<0.0500	<0.0500	<0.0500	1.97	0.379	2.349	NA	NA	NA
RW-1	5/9/2017	L908717-08	4.99	0.0397 J	0.0415 J	0.391	<0.0500	0.364	0.0546 J	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.436	<0.0500	0.00415 J	<0.0500	4.43	3.21	7.64	NA	NA	NA
RW-1	6/12/2018	L1001691-08	19.5	<0.0500	0.658	2.22	<0.0500	1.93	<0.0500	<0.0500	0.205	<0.0500	0.081	<0.0500	<0.0500	2.84	<0.0500	<0.0500	<0.0500	23.4	16.9	40.3			
RW-1	5/8/2019	L1097774-08	9.97	<0.100	0.289	0.805	<0.100	1.00	<0.100	<0.100	0.158	0.102	<0.100	<0.100	<0.100	1.20	<0.100	<0.100	<0.100	8.13	5.82	13.95			
RW-1	6/17/2020	L1231256-08	***	<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-1	6/17/2021	L1369543-08	0.724	<0.100	0.143	0.440	<0.100	0.323	<0.100	<0.200	<0.100	<0.100	<0.100	<0.0100	<0.0100	0.356	<0.0100	<0.0100	<0.0100	2.65	0.786	3.436			
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	<0.00005	0.000011 J	0.000018 J	<0.0500	0.000017 J	<0.0500	<0.0500	<0.0500	0.012 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-2	6/17/2021	L1369543-09	<0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	<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-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

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)
Other regulatory limits (Tap Water*)			***		365	243	0.91	1100	1830	1460	183	0.91	29.1	0.91	0.7**		0.091		9.1			***			
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-3	6/18/2021	L1369543-10	0.512	<0.0500	0.0630	0.229	<0.0500	0.218	<0.0500	<0.100	<0.0500	<0.0500 J4	<0.0500	<0.0500	<0.0500	0.735	<0.0500	<0.0500	<0.0500	1.06	0.567	1.627			
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	<0.0500	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**			
RW-8	6/18/2021	L1369543-15	8.4	<0.0500	0.404	2.02	<0.0500	1.53	<0.0500	<0.100	<0.0500	<0.0500 J4	<0.0500	<0.0500	<0.0500	3.36	<0.0500	<0.0500	<0.0500	16.7	5.53	**22.23**			
RW-8	6/22/2023	L1629230-15	5.01	<0.0171	0.454	1.94	<0.0158	1.62	<,0.0190	0.0478 J	0.0563	<0.0203	0.0305 J	<0.0168	<0.0184	3.31	<0.0160	<0.0184	<0.0202	126	5.93	**131.93**			

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 - 2023 PSH aand Dissolved Phase Groundwater Recovery Data
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

Well	Year	Maximum PSH Thickness (feet)	Minimum PSH Thickness (feet)	Average PSH Thickness (feet)	PSH Recovered (gallons)	Groundwater Recovered (gallons)	Total Fluids Recovered (gallons)
RW-1	2018	0.21	0.01	0.065	0.75	469.25	470
RW-1	2019	0.08	0.01	0.043	0.00	310.00	310
RW-1	2020	0.04	0.03	0.037	1.00	209.00	210
RW-1	2021	0	0	0.000	0.00	180.00	180
RW-1	2022	0.02	0.01	0.010	0.00	170.00	170
RW-1	2023	0.03	0.01	0.170	1.00	110.00	111
RW-2	2018	0.32	0.07	0.19	10.00	449.00	459
RW-2	2019	0.99	0.01	0.22	7.50	401.25	408.75
RW-2	2020	0.35	0.04	0.10	7.00	213.00	220
RW-2	2021	0.96	0.04	0.26	6.25	173.75	180
RW-2	2022	0.45	0.01	0.12	2.00	178.00	180
RW-2	2023	0.17	0.02	0.10	8.75	86.25	95
RW-3	2018	0.34	0.01	0.17	9.75	450.25	460
RW-3	2019	0.28	0.01	0.10	3.00	407.00	410
RW-3	2020	0.03	0.01	0.02	0.25	219.75	220
RW-3	2021	0.04	0.01	0.02	0.75	159.25	160
RW-3	2022	0.06	0.01	0.03	2.00	178.00	180
RW-3	2023	0.29	0.01	0.14	1.25	121.75	123

TABLE 6
2018 - 2023 PSH aand Dissolved Phase Groundwater Recovery Data
Vacuum to Jal 14" Mainline #5
Lea County, New Mexico
NMOC No. 1R-0464

RW-8	2018	0.86	0.17	0.37	111.50	998.50	1110
RW-8	2019	0.78	0.01	0.15	49.75	702.50	752.25
RW-8	2020	0.17	0.01	0.06	6.75	233.25	240
RW-8	2021	3.65	0.02	0.49	15.50	259.50	275
RW-8	2022	0.33	0.01	0.13	5.25	189.75	195
RW-8	2023	0.55	0.02	0.21	11.00	95.00	106
Totals for 2018					20.50	2367.00	2499.00
Totals for 2019					10.50	1820.75	1881.00
Totals for 2020					8.25	875.00	650.00
Totals for 2021					22.50	772.50	795.00
Totals for 2022					9.25	715.75	725.00
Totals for 2023					22.00	413.00	435.00
Total					**261.00**	**6964.00**	**7225.00**

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

Received by OCD: 6/5/2024 1:53:21 PM

Appendix A

2023 Laboratory Reports and Chain of Custody Documentation

Released to Imaging: 12/18/2024 3:48:18 PM

ANALYTICAL REPORT

March 15, 2023

Plains All American Pipeline

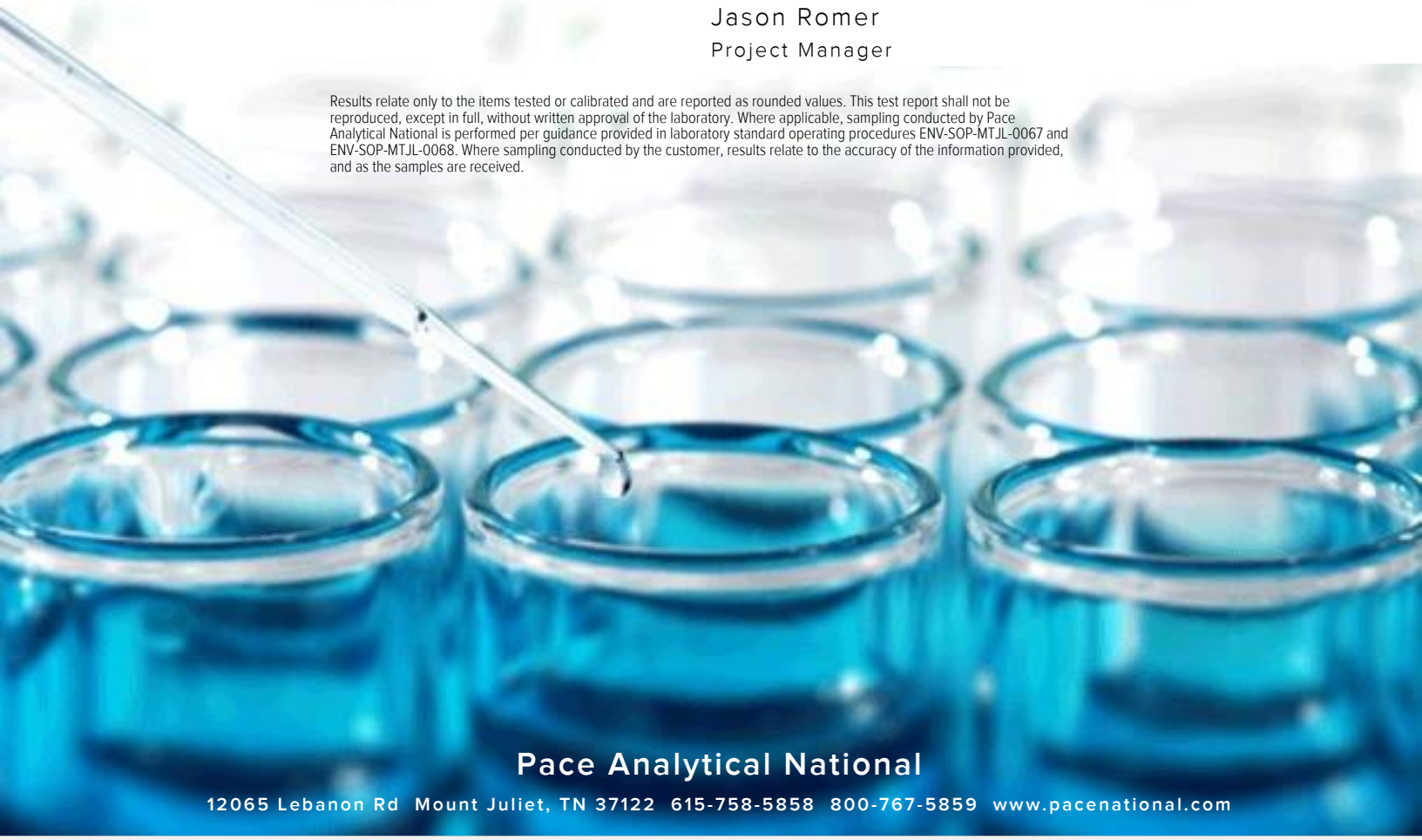
Sample Delivery Group:	L1594221
Samples Received:	03/11/2023
Project Number:	PAA12015
Description:	Vac to Jal 5

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

Entire Report Reviewed By:

Jason Romer
Project Manager

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



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

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SAMPLE SUMMARY

MW3 L1594221-01 GW

Collected by: CS | Collected date/time: 03/08/23 10:30 | Received date/time: 03/11/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2022478	1	03/14/23 03:32	03/14/23 03:32	JAH	Mt. Juliet, TN

MW6 L1594221-02 GW

Collected by: CS | Collected date/time: 03/08/23 10:40 | Received date/time: 03/11/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2022478	1	03/14/23 03:53	03/14/23 03:53	JAH	Mt. Juliet, TN

RW1 L1594221-03 GW

Collected by: CS | Collected date/time: 03/08/23 11:00 | Received date/time: 03/11/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2022478	1	03/14/23 04:13	03/14/23 04:13	JAH	Mt. Juliet, TN

RW7 L1594221-04 GW

Collected by: CS | Collected date/time: 03/08/23 10:50 | Received date/time: 03/11/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2022478	1	03/14/23 04:33	03/14/23 04:33	JAH	Mt. Juliet, TN

DUP-01 L1594221-05 GW

Collected by: CS | Collected date/time: 03/08/23 00:00 | Received date/time: 03/11/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2022478	1	03/14/23 04:54	03/14/23 04:54	JAH	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.

Jason Romer
Project Manager

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	03/14/2023 03:32	WG2022478
Toluene	<0.000278		0.000278	0.00100	1	03/14/2023 03:32	WG2022478
Ethylbenzene	<0.000137		0.000137	0.00100	1	03/14/2023 03:32	WG2022478
Total Xylenes	<0.000174		0.000174	0.00300	1	03/14/2023 03:32	WG2022478
(S) Toluene-d8	*117*			*80.0-120*		*03/14/2023 03:32*	WG2022478
(S) 4-Bromofluorobenzene	*111*			*77.0-126*		*03/14/2023 03:32*	WG2022478
(S) 1,2-Dichloroethane-d4	*80.3*			*70.0-130*		*03/14/2023 03:32*	WG2022478

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	03/14/2023 03:53	WG2022478
Toluene	<0.000278		0.000278	0.00100	1	03/14/2023 03:53	WG2022478
Ethylbenzene	<0.000137		0.000137	0.00100	1	03/14/2023 03:53	WG2022478
Total Xylenes	<0.000174		0.000174	0.00300	1	03/14/2023 03:53	WG2022478
(S) Toluene-d8	*114*			*80.0-120*		*03/14/2023 03:53*	WG2022478
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*03/14/2023 03:53*	WG2022478
(S) 1,2-Dichloroethane-d4	*79.9*			*70.0-130*		*03/14/2023 03:53*	WG2022478

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000485	J	0.0000941	0.00100	1	03/14/2023 04:13	WG2022478
Toluene	<0.000278		0.000278	0.00100	1	03/14/2023 04:13	WG2022478
Ethylbenzene	0.000329	J	0.000137	0.00100	1	03/14/2023 04:13	WG2022478
Total Xylenes	0.000767	J	0.000174	0.00300	1	03/14/2023 04:13	WG2022478
(S) Toluene-d8	*110*			*80.0-120*		*03/14/2023 04:13*	WG2022478
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*03/14/2023 04:13*	WG2022478
(S) 1,2-Dichloroethane-d4	*80.4*			*70.0-130*		*03/14/2023 04:13*	WG2022478

(RW)
Collected date/time: 03/08/23 10:50
L1594221

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000199	J	0.0000941	0.00100	1	03/14/2023 04:33	WG2022478
Toluene	<0.000278		0.000278	0.00100	1	03/14/2023 04:33	WG2022478
Ethylbenzene	0.000446	J	0.000137	0.00100	1	03/14/2023 04:33	WG2022478
Total Xylenes	<0.000174		0.000174	0.00300	1	03/14/2023 04:33	WG2022478
(S) Toluene-d8	*112*			*80.0-120*		*03/14/2023 04:33*	WG2022478
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*03/14/2023 04:33*	WG2022478
(S) 1,2-Dichloroethane-d4	*83.5*			*70.0-130*		*03/14/2023 04:33*	WG2022478

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000256	J	0.0000941	0.00100	1	03/14/2023 04:54	WG2022478
Toluene	<0.000278		0.000278	0.00100	1	03/14/2023 04:54	WG2022478
Ethylbenzene	0.000563	J	0.000137	0.00100	1	03/14/2023 04:54	WG2022478
Total Xylenes	<0.000174		0.000174	0.00300	1	03/14/2023 04:54	WG2022478
(S) Toluene-d8	*111*			*80.0-120*		*03/14/2023 04:54*	WG2022478
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*03/14/2023 04:54*	WG2022478
(S) 1,2-Dichloroethane-d4	*80.2*			*70.0-130*		*03/14/2023 04:54*	WG2022478

Method Blank (MB)

(MB) R3901164-3 03/14/23 00:11

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	<0.0000941		0.0000941	0.00100
Toluene	<0.000278		0.000278	0.00100
Ethylbenzene	<0.000137		0.000137	0.00100
Xylenes, Total	<0.000174		0.000174	0.00300
(S) Toluene-d8	*111*			*80.0-120*
(S) 4-Bromofluorobenzene	*118*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*82.2*			*70.0-130*

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

(LCS) R3901164-1 03/13/23 23:10 • (LCSD) R3901164-2 03/13/23 23:30

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	0.00578	0.00570	116	114	70.0-123			1.39	20
Toluene	0.00500	0.00546	0.00545	109	109	79.0-120			0.183	20
Ethylbenzene	0.00500	0.00539	0.00542	108	108	79.0-123			0.555	20
Xylenes, Total	0.0150	0.0157	0.0157	105	105	79.0-123			0.000	20
(S) Toluene-d8				*107*	*106*	*80.0-120*				
(S) 4-Bromofluorobenzene				*104*	*107*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*80.1*	*81.9*	*70.0-130*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

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

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

Pres Chk

Report to: **Bill Goldsby**

Email To: CJBryant@paalp.com;khudgens@paalp.com;Ma

Project Description: Vac to Jal 5

City/State Collected: EUNICE NM

Please Circle: PT MT CT ET

Phone: 281-507-3578

Client Project # PAA12015

Lab Project # PLAINSENT-PAA12015

Collected by (print): C. SANCHEZ

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

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

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace PEOPLE ADVANCING SCIENCE

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

SDG # L1594221

B007

Acctnum: PLAINSENT
Template: T217032
Prelogin: P967656
PM: 3564 - Chad A Upchurch
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
MW3		GW		3-8-23	1030	3	3		-01
MW6		GW			1040				-02
RW1		GW			1100				-03
RW7		GW			1050				-04
DUP-01		GW		3-28-23	—	3	3		-05
		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 # 4040 5535 5713

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / (No) HCL / MeoH TBR	
Greg Flores	3-10-23	2:52			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.2 °C	Bottles Received: 10
	3/10/23	1700	FedEx		
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 03/11/23	Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ANALYTICAL REPORT

July 07, 2023

Plains All American Pipeline

Sample Delivery Group:	L1629230
Samples Received:	06/23/2023
Project Number:	PAA12015
Description:	Vac to Jal 5

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

Entire Report Reviewed By:

Chad A Upchurch
Project Manager

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

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Released to Imaging: 12/18/2024 3:48:18 PM

MW 1 L1629230-01 GW

Collected by: GF/AH | Collected date/time: 06/21/23 10:15 | Received date/time: 06/23/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2087841	1	07/01/23 09:53	07/01/23 09:53	JBE	Mt. Juliet, TN

MW 2 L1629230-02 GW

Collected by: GF/AH | Collected date/time: 06/21/23 11:10 | Received date/time: 06/23/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2087841	1	07/01/23 10:11	07/01/23 10:11	JBE	Mt. Juliet, TN

MW 3 L1629230-03 GW

Collected by: GF/AH | Collected date/time: 06/21/23 12:00 | Received date/time: 06/23/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2087841	1	07/01/23 10:30	07/01/23 10:30	JBE	Mt. Juliet, TN

MW 4 L1629230-04 GW

Collected by: GF/AH | Collected date/time: 06/22/23 08:10 | Received date/time: 06/23/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2087841	1	07/01/23 10:49	07/01/23 10:49	JBE	Mt. Juliet, TN

MW 5 L1629230-05 GW

Collected by: GF/AH | Collected date/time: 06/22/23 08:45 | Received date/time: 06/23/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2087841	1	07/01/23 11:08	07/01/23 11:08	JBE	Mt. Juliet, TN

MW 6 L1629230-06 GW

Collected by: GF/AH | Collected date/time: 06/22/23 08:30 | Received date/time: 06/23/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2088111	1	07/02/23 08:13	07/02/23 08:13	TJJ	Mt. Juliet, TN

MW 7 L1629230-07 GW

Collected by: GF/AH | Collected date/time: 06/21/23 09:15 | Received date/time: 06/23/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2088111	1	07/02/23 08:34	07/02/23 08:34	TJJ	Mt. Juliet, TN

RW 1 L1629230-08 GW

Collected by: GF/AH | Collected date/time: 06/22/23 08:40 | Received date/time: 06/23/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2088111	1	07/02/23 08:55	07/02/23 08:55	TJJ	Mt. Juliet, TN

RW 2 L1629230-09 GW

Collected by: GF/AH | Collected date/time: 06/22/23 09:35 | Received date/time: 06/23/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2088111	1	07/02/23 09:15	07/02/23 09:15	TJJ	Mt. Juliet, TN

RW 3 L1629230-10 GW

Collected by: GF/AH | Collected date/time: 06/22/23 07:43 | Received date/time: 06/23/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2088111	1	07/02/23 09:36	07/02/23 09:36	TJJ	Mt. Juliet, TN

RW 4 L1629230-11 GW

Collected by: GF/AH | Collected date/time: 06/22/23 08:20 | Received date/time: 06/23/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2088111	1	07/02/23 09:57	07/02/23 09:57	TJJ	Mt. Juliet, TN

RW 5 L1629230-12 GW

Collected by: GF/AH | Collected date/time: 06/22/23 08:00 | Received date/time: 06/23/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2088120	1	07/03/23 11:08	07/03/23 11:08	TJJ	Mt. Juliet, TN

RW 6 L1629230-13 GW

Collected by: GF/AH | Collected date/time: 06/22/23 07:50 | Received date/time: 06/23/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2088120	1	07/03/23 11:30	07/03/23 11:30	TJJ	Mt. Juliet, TN

RW 7 L1629230-14 GW

Collected by: GF/AH | Collected date/time: 06/22/23 07:40 | Received date/time: 06/23/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2088120	1	07/03/23 11:52	07/03/23 11:52	TJJ	Mt. Juliet, TN

RW 8 L1629230-15 GW

Collected by: GF/AH | Collected date/time: 06/22/23 07:30 | Received date/time: 06/23/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2088120	1	07/03/23 12:14	07/03/23 12:14	TJJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2085170	1	06/27/23 19:08	06/28/23 07:36	DLH	Mt. Juliet, TN

DUP-01 L1629230-16 GW

Collected by: GF/AH | Collected date/time: 06/22/23 00:00 | Received date/time: 06/23/23 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2088120	1	07/03/23 12:36	07/03/23 12:36	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.

Chad A Upchurch
Project Manager

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/01/2023 09:53	WG2087841
Toluene	<0.000278		0.000278	0.00100	1	07/01/2023 09:53	WG2087841
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/01/2023 09:53	WG2087841
Total Xylenes	<0.000174		0.000174	0.00300	1	07/01/2023 09:53	WG2087841
(S) Toluene-d8	*114*			*80.0-120*		*07/01/2023 09:53*	WG2087841
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*07/01/2023 09:53*	WG2087841
(S) 1,2-Dichloroethane-d4	*95.9*			*70.0-130*		*07/01/2023 09:53*	WG2087841

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/01/2023 10:11	WG2087841
Toluene	<0.000278		0.000278	0.00100	1	07/01/2023 10:11	WG2087841
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/01/2023 10:11	WG2087841
Total Xylenes	<0.000174		0.000174	0.00300	1	07/01/2023 10:11	WG2087841
(S) Toluene-d8	*115*			*80.0-120*		*07/01/2023 10:11*	WG2087841
(S) 4-Bromofluorobenzene	*95.4*			*77.0-126*		*07/01/2023 10:11*	WG2087841
(S) 1,2-Dichloroethane-d4	*95.6*			*70.0-130*		*07/01/2023 10:11*	WG2087841

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/01/2023 10:30	WG2087841
Toluene	<0.000278		0.000278	0.00100	1	07/01/2023 10:30	WG2087841
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/01/2023 10:30	WG2087841
Total Xylenes	<0.000174		0.000174	0.00300	1	07/01/2023 10:30	WG2087841
(S) Toluene-d8	*116*			*80.0-120*		*07/01/2023 10:30*	WG2087841
(S) 4-Bromofluorobenzene	*97.9*			*77.0-126*		*07/01/2023 10:30*	WG2087841
(S) 1,2-Dichloroethane-d4	*88.8*			*70.0-130*		*07/01/2023 10:30*	WG2087841

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/01/2023 10:49	WG2087841
Toluene	<0.000278		0.000278	0.00100	1	07/01/2023 10:49	WG2087841
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/01/2023 10:49	WG2087841
Total Xylenes	<0.000174		0.000174	0.00300	1	07/01/2023 10:49	WG2087841
(S) Toluene-d8	*119*			*80.0-120*		*07/01/2023 10:49*	WG2087841
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*07/01/2023 10:49*	WG2087841
(S) 1,2-Dichloroethane-d4	*93.3*			*70.0-130*		*07/01/2023 10:49*	WG2087841

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/01/2023 11:08	WG2087841
Toluene	<0.000278		0.000278	0.00100	1	07/01/2023 11:08	WG2087841
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/01/2023 11:08	WG2087841
Total Xylenes	<0.000174		0.000174	0.00300	1	07/01/2023 11:08	WG2087841
(S) Toluene-d8	*116*			*80.0-120*		*07/01/2023 11:08*	WG2087841
(S) 4-Bromofluorobenzene	*93.6*			*77.0-126*		*07/01/2023 11:08*	WG2087841
(S) 1,2-Dichloroethane-d4	*95.3*			*70.0-130*		*07/01/2023 11:08*	WG2087841

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/02/2023 08:13	WG2088111
Toluene	<0.000278		0.000278	0.00100	1	07/02/2023 08:13	WG2088111
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/02/2023 08:13	WG2088111
Total Xylenes	<0.000174		0.000174	0.00300	1	07/02/2023 08:13	WG2088111
(S) Toluene-d8	*117*			*80.0-120*		*07/02/2023 08:13*	WG2088111
(S) 4-Bromofluorobenzene	*93.1*			*77.0-126*		*07/02/2023 08:13*	WG2088111
(S) 1,2-Dichloroethane-d4	*120*			*70.0-130*		*07/02/2023 08:13*	WG2088111

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/02/2023 08:34	WG2088111
Toluene	<0.000278		0.000278	0.00100	1	07/02/2023 08:34	WG2088111
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/02/2023 08:34	WG2088111
Total Xylenes	<0.000174		0.000174	0.00300	1	07/02/2023 08:34	WG2088111
(S) Toluene-d8	*112*			*80.0-120*		*07/02/2023 08:34*	WG2088111
(S) 4-Bromofluorobenzene	*91.3*			*77.0-126*		*07/02/2023 08:34*	WG2088111
(S) 1,2-Dichloroethane-d4	*123*			*70.0-130*		*07/02/2023 08:34*	WG2088111

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000542	J	0.0000941	0.00100	1	07/02/2023 08:55	WG2088111
Toluene	<0.000278		0.000278	0.00100	1	07/02/2023 08:55	WG2088111
Ethylbenzene	0.00555		0.000137	0.00100	1	07/02/2023 08:55	WG2088111
Total Xylenes	0.0112		0.000174	0.00300	1	07/02/2023 08:55	WG2088111
(S) Toluene-d8	*111*			*80.0-120*		*07/02/2023 08:55*	WG2088111
(S) 4-Bromofluorobenzene	*94.3*			*77.0-126*		*07/02/2023 08:55*	WG2088111
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*07/02/2023 08:55*	WG2088111

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	0.000820	J	0.0000941	0.00100	1	07/02/2023 09:15	WG2088111
Toluene	<0.000278		0.000278	0.00100	1	07/02/2023 09:15	WG2088111
Ethylbenzene	0.000415	J	0.000137	0.00100	1	07/02/2023 09:15	WG2088111
Total Xylenes	0.00481		0.000174	0.00300	1	07/02/2023 09:15	WG2088111
(S) Toluene-d8	*113*			*80.0-120*		*07/02/2023 09:15*	WG2088111
(S) 4-Bromofluorobenzene	*93.9*			*77.0-126*		*07/02/2023 09:15*	WG2088111
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*		*07/02/2023 09:15*	WG2088111

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00654		0.0000941	0.00100	1	07/02/2023 09:36	WG2088111
Toluene	0.00121		0.000278	0.00100	1	07/02/2023 09:36	WG2088111
Ethylbenzene	0.00544		0.000137	0.00100	1	07/02/2023 09:36	WG2088111
Total Xylenes	0.0509		0.000174	0.00300	1	07/02/2023 09:36	WG2088111
(S) Toluene-d8	*115*			*80.0-120*		*07/02/2023 09:36*	WG2088111
(S) 4-Bromofluorobenzene	*93.8*			*77.0-126*		*07/02/2023 09:36*	WG2088111
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*		*07/02/2023 09:36*	WG2088111

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00166		0.0000941	0.00100	1	07/02/2023 09:57	WG2088111
Toluene	<0.000278		0.000278	0.00100	1	07/02/2023 09:57	WG2088111
Ethylbenzene	0.00944		0.000137	0.00100	1	07/02/2023 09:57	WG2088111
Total Xylenes	0.00629		0.000174	0.00300	1	07/02/2023 09:57	WG2088111
(S) Toluene-d8	*113*			*80.0-120*		*07/02/2023 09:57*	WG2088111
(S) 4-Bromofluorobenzene	*96.6*			*77.0-126*		*07/02/2023 09:57*	WG2088111
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*		*07/02/2023 09:57*	WG2088111

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	<0.0000941		0.0000941	0.00100	1	07/03/2023 11:08	WG2088120
Toluene	<0.000278		0.000278	0.00100	1	07/03/2023 11:08	WG2088120
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/03/2023 11:08	WG2088120
Total Xylenes	<0.000174		0.000174	0.00300	1	07/03/2023 11:08	WG2088120
(S) Toluene-d8	*109*			*80.0-120*		*07/03/2023 11:08*	WG2088120
(S) 4-Bromofluorobenzene	*99.7*			*77.0-126*		*07/03/2023 11:08*	WG2088120
(S) 1,2-Dichloroethane-d4	*92.8*			*70.0-130*		*07/03/2023 11:08*	WG2088120

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/03/2023 11:30	WG2088120
Toluene	<0.000278		0.000278	0.00100	1	07/03/2023 11:30	WG2088120
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/03/2023 11:30	WG2088120
Total Xylenes	<0.000174		0.000174	0.00300	1	07/03/2023 11:30	WG2088120
(S) Toluene-d8	*111*			*80.0-120*		*07/03/2023 11:30*	WG2088120
(S) 4-Bromofluorobenzene	*90.6*			*77.0-126*		*07/03/2023 11:30*	WG2088120
(S) 1,2-Dichloroethane-d4	*91.9*			*70.0-130*		*07/03/2023 11:30*	WG2088120

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/03/2023 11:52	WG2088120
Toluene	<0.000278		0.000278	0.00100	1	07/03/2023 11:52	WG2088120
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/03/2023 11:52	WG2088120
Total Xylenes	<0.000174		0.000174	0.00300	1	07/03/2023 11:52	WG2088120
(S) Toluene-d8	*107*			*80.0-120*		*07/03/2023 11:52*	WG2088120
(S) 4-Bromofluorobenzene	*93.8*			*77.0-126*		*07/03/2023 11:52*	WG2088120
(S) 1,2-Dichloroethane-d4	*96.1*			*70.0-130*		*07/03/2023 11:52*	WG2088120

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000571	J	0.0000941	0.00100	1	07/03/2023 12:14	WG2088120
Toluene	<0.000278		0.000278	0.00100	1	07/03/2023 12:14	WG2088120
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/03/2023 12:14	WG2088120
Total Xylenes	<0.000174		0.000174	0.00300	1	07/03/2023 12:14	WG2088120
(S) Toluene-d8	*115*			*80.0-120*		*07/03/2023 12:14*	WG2088120
(S) 4-Bromofluorobenzene	*94.6*			*77.0-126*		*07/03/2023 12:14*	WG2088120
(S) 1,2-Dichloroethane-d4	*92.6*			*70.0-130*		*07/03/2023 12:14*	WG2088120

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	<0.0000190		0.0000190	0.0000500	1	06/28/2023 07:36	WG2085170
Acenaphthene	0.000454		0.0000190	0.0000500	1	06/28/2023 07:36	WG2085170
Acenaphthylene	<0.0000171		0.0000171	0.0000500	1	06/28/2023 07:36	WG2085170
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500	1	06/28/2023 07:36	WG2085170
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500	1	06/28/2023 07:36	WG2085170
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500	1	06/28/2023 07:36	WG2085170
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500	1	06/28/2023 07:36	WG2085170
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500	1	06/28/2023 07:36	WG2085170
Chrysene	0.0000305	J	0.0000179	0.0000500	1	06/28/2023 07:36	WG2085170
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500	1	06/28/2023 07:36	WG2085170
Dibenzofuran	0.00331		0.0000191	0.0000500	1	06/28/2023 07:36	WG2085170
Fluoranthene	0.0000478	J	0.0000270	0.000100	1	06/28/2023 07:36	WG2085170
Fluorene	0.00194		0.0000169	0.0000500	1	06/28/2023 07:36	WG2085170
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500	1	06/28/2023 07:36	WG2085170
Naphthalene	0.00501		0.0000917	0.000250	1	06/28/2023 07:36	WG2085170
Phenanthrene	0.00162		0.0000180	0.0000500	1	06/28/2023 07:36	WG2085170
Pyrene	0.0000563		0.0000169	0.0000500	1	06/28/2023 07:36	WG2085170
1-Methylnaphthalene	0.0126		0.0000687	0.000250	1	06/28/2023 07:36	WG2085170
2-Methylnaphthalene	0.00593		0.0000674	0.000250	1	06/28/2023 07:36	WG2085170
2-Chloronaphthalene	<0.0000682		0.0000682	0.000250	1	06/28/2023 07:36	WG2085170
(S) Nitrobenzene-d5	*124*			*31.0-160*		*06/28/2023 07:36*	WG2085170
(S) 2-Fluorobiphenyl	*97.4*			*48.0-148*		*06/28/2023 07:36*	WG2085170
(S) p-Terphenyl-d14	*117*			*37.0-146*		*06/28/2023 07:36*	WG2085170

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	07/03/2023 12:36	WG2088120
Toluene	<0.000278		0.000278	0.00100	1	07/03/2023 12:36	WG2088120
Ethylbenzene	<0.000137		0.000137	0.00100	1	07/03/2023 12:36	WG2088120
Total Xylenes	<0.000174		0.000174	0.00300	1	07/03/2023 12:36	WG2088120
(S) Toluene-d8	*109*			*80.0-120*		*07/03/2023 12:36*	WG2088120
(S) 4-Bromofluorobenzene	*97.8*			*77.0-126*		*07/03/2023 12:36*	WG2088120
(S) 1,2-Dichloroethane-d4	*97.3*			*70.0-130*		*07/03/2023 12:36*	WG2088120

Method Blank (MB)

(MB) R3944822-3 07/01/23 06:44

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	<0.0000941		0.0000941	0.00100
Toluene	<0.000278		0.000278	0.00100
Ethylbenzene	<0.000137		0.000137	0.00100
Total Xylenes	<0.000174		0.000174	0.00300
(S) Toluene-d8	*116*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*92.3*			*70.0-130*

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

(LCS) R3944822-1 07/01/23 05:10 • (LCSD) R3944822-2 07/01/23 05:29

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00464	0.00474	92.8	94.8	70.0-123			2.13	20
Toluene	0.00500	0.00538	0.00560	108	112	79.0-120			4.01	20
Ethylbenzene	0.00500	0.00470	0.00534	94.0	107	79.0-123			12.7	20
Total Xylenes	0.0150	0.0155	0.0163	103	109	79.0-123			5.03	20
(S) Toluene-d8				*110*	*113*	*80.0-120*				
(S) 4-Bromofluorobenzene				*99.4*	*100*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*96.7*	*92.8*	*70.0-130*				

Method Blank (MB)

(MB) R3945047-2 07/02/23 04:23

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	<0.0000941		0.0000941	0.00100
Toluene	<0.000278		0.000278	0.00100
Ethylbenzene	<0.000137		0.000137	0.00100
Total Xylenes	<0.000174		0.000174	0.00300
(S) Toluene-d8	*113*			*80.0-120*
(S) 4-Bromofluorobenzene	*87.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*120*			*70.0-130*

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

(LCS) R3945047-1 07/02/23 03:42 • (LCSD) R3945047-3 07/02/23 12:21

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	0.00529	0.00502	106	100	70.0-123			5.24	20
Toluene	0.00500	0.00511	0.00505	102	101	79.0-120			1.18	20
Ethylbenzene	0.00500	0.00505	0.00457	101	91.4	79.0-123			9.98	20
Total Xylenes	0.0150	0.0148	0.0141	98.7	94.0	79.0-123			4.84	20
(S) Toluene-d8				*115*	*113*	*80.0-120*				
(S) 4-Bromofluorobenzene				*93.0*	*93.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*114*	*125*	*70.0-130*				

Method Blank (MB)

(MB) R3944863-3 07/03/23 07:56

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	<0.0000941		0.0000941	0.00100
Toluene	<0.000278		0.000278	0.00100
Ethylbenzene	<0.000137		0.000137	0.00100
Total Xylenes	<0.000174		0.000174	0.00300
(S) Toluene-d8	*111*			*80.0-120*
(S) 4-Bromofluorobenzene	*92.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*86.3*			*70.0-130*

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

(LCS) R3944863-1 07/03/23 06:52 • (LCSD) R3944863-2 07/03/23 07:14

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	0.00425	0.00433	85.0	86.6	70.0-123			1.86	20
Toluene	0.00500	0.00485	0.00492	97.0	98.4	79.0-120			1.43	20
Ethylbenzene	0.00500	0.00479	0.00524	95.8	105	79.0-123			8.97	20
Total Xylenes	0.0150	0.0139	0.0149	92.7	99.3	79.0-123			6.94	20
(S) Toluene-d8				*112*	*109*	*80.0-120*				
(S) 4-Bromofluorobenzene				*92.4*	*98.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*89.1*	*86.6*	*70.0-130*				

Method Blank (MB)

(MB) R3942137-3 06/28/23 04:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Anthracene	<0.0000190		0.0000190	0.0000500
Acenaphthene	<0.0000190		0.0000190	0.0000500
Acenaphthylene	<0.0000171		0.0000171	0.0000500
Benzo(a)anthracene	<0.0000203		0.0000203	0.0000500
Benzo(a)pyrene	<0.0000184		0.0000184	0.0000500
Benzo(b)fluoranthene	<0.0000168		0.0000168	0.0000500
Benzo(g,h,i)perylene	<0.0000184		0.0000184	0.0000500
Benzo(k)fluoranthene	<0.0000202		0.0000202	0.0000500
Chrysene	<0.0000179		0.0000179	0.0000500
Dibenz(a,h)anthracene	<0.0000160		0.0000160	0.0000500
Dibenzofuran	<0.0000191		0.0000191	0.0000500
Fluoranthene	<0.0000270		0.0000270	0.000100
Fluorene	<0.0000169		0.0000169	0.0000500
Indeno(1,2,3-cd)pyrene	<0.0000158		0.0000158	0.0000500
Naphthalene	<0.0000917		0.0000917	0.000250
Phenanthrene	<0.0000180		0.0000180	0.0000500
Pyrene	<0.0000169		0.0000169	0.0000500
1-Methylnaphthalene	<0.0000687		0.0000687	0.000250
2-Methylnaphthalene	<0.0000674		0.0000674	0.000250
2-Chloronaphthalene	<0.0000682		0.0000682	0.000250
(S) Nitrobenzene-d5	*120*			*31.0-160*
(S) 2-Fluorobiphenyl	*106*			*48.0-148*
(S) p-Terphenyl-d14	*115*			*37.0-146*

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

(LCS) R3942137-1 06/28/23 04:08 • (LCSD) R3942137-2 06/28/23 04:26

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.00200	0.00198	0.00218	99.0	109	67.0-150			9.62	20
Acenaphthene	0.00200	0.00200	0.00219	100	109	65.0-138			9.07	20
Acenaphthylene	0.00200	0.00210	0.00229	105	115	66.0-140			8.66	20
Benzo(a)anthracene	0.00200	0.00210	0.00237	105	118	61.0-140			12.1	20
Benzo(a)pyrene	0.00200	0.00209	0.00242	104	121	60.0-143			14.6	20
Benzo(b)fluoranthene	0.00200	0.00208	0.00246	104	123	58.0-141			16.7	20
Benzo(g,h,i)perylene	0.00200	0.00181	0.00211	90.5	105	52.0-153			15.3	20
Benzo(k)fluoranthene	0.00200	0.00199	0.00238	99.5	119	58.0-148			17.8	20
Chrysene	0.00200	0.00225	0.00254	112	127	64.0-144			12.1	20
Dibenz(a,h)anthracene	0.00200	0.00168	0.00199	84.0	99.5	52.0-155			16.9	20

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

(LCS) R3942137-1 06/28/23 04:08 • (LCSD) R3942137-2 06/28/23 04:26

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	0.00217	0.00238	108	119	67.0-134			9.23	20
Fluoranthene	0.00200	0.00210	0.00236	105	118	69.0-153			11.7	20
Fluorene	0.00200	0.00206	0.00221	103	111	64.0-136			7.03	20
Indeno(1,2,3-cd)pyrene	0.00200	0.00190	0.00223	95.0	111	54.0-153			16.0	20
Naphthalene	0.00200	0.00219	0.00242	109	121	61.0-137			9.98	20
Phenanthrene	0.00200	0.00223	0.00244	111	122	62.0-137			8.99	20
Pyrene	0.00200	0.00258	0.00279	129	140	60.0-142			7.82	20
1-Methylnaphthalene	0.00200	0.00218	0.00241	109	120	66.0-142			10.0	20
2-Methylnaphthalene	0.00200	0.00211	0.00232	105	116	62.0-136			9.48	20
2-Chloronaphthalene	0.00200	0.00216	0.00236	108	118	64.0-140			8.85	20
(S) Nitrobenzene-d5				*115*	*126*	*31.0-160*				
(S) 2-Fluorobiphenyl				*103*	*115*	*48.0-148*				
(S) p-Terphenyl-d14				*105*	*115*	*37.0-146*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

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

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

Company Name/Address:
Plains All American Pipeline
1 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

Pace
PEOPLE ADVANCING SCIENCE

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

Report to: Bill Goldsby

Email To: CJBryant@paalp.com;khudgens@paalp.com;Ma

Project Description: Vac to Jal 5

City/State Collected: JAL, New Mexico

Please Circle: PT MT CT ET

Phone: 281-507-3578

Client Project # PAA12015

Lab Project # PLAINSENT-PAA12015

SDG # 1629230

J100

Collected by (print): Greg Flores / Albert Herrera

Site/Facility ID #

P.O. #

Collected by (signature): Greg Flores

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

Acctnum: PLAINSENT
Template: T217032
Prelogin: P1004604
PM: 3564 - Chad A Upchurch
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)
MW 1		GW		6-21-23	10:15	2		X		-01
MW 2		GW		6-21-23	11:10	2		X		-02
MW 3		GW		6-21-23	1200	2		X		-03
MW 4		GW		6-22-23	8:10	2		X		-04
MW 5		GW		6-22-23	8:45	2		X		-05
MW 6		GW		6-22-23	8:30	2		X		-06
MW 7				6-21-23	9:15	2		X		-07
RW 1				6-22-23	840	2		X		-08
RW 2				6-22-23	9:35	2		X		-09
RW 3				6-22-23	7:43	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 # /

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Greg Flores	6/22/23	1130	[signature]		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 5.3 °C Bottles Received: GBAC J.J+0-5.3	If preservation required by Login: Date/Time
[signature]	6/22/23	1700	Sues		
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 6/23/23 Time: 8:15	Hold: Condition: NCF / OK
			[signature]		

Plains All American Pipeline

1 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

Pace
PEOPLE ADVANCING SCIENCE

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

Report to: Bill Goldsby

Email To: CJBryant@paalp.com;khudgens@paalp.com;Ma

Project Description: Vac to Jal 5

City/State Collected: JAL, New Mexico

Please Circle: PT MT CT ET

Phone: 281-507-3578

Client Project # PAA12015

Lab Project # PLAINSENT-PAA12015

SDG # 1629230

Table #

Collected by (print): Greg Flores - Albert Hern

Site/Facility ID #

P.O. #

Acctnum: PLAINSENT
Template: T217032
Prelogin: P1004604
PM: 3564 - Chad A Upchurch
PB:
Shipped Via:

Collected by (signature): Greg Flo

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)
RW 4		GW		6-22-23	8:20	2		X		-11
RW 5		GW		6-22-23	8:00	2		X		-12
RW 6		GW		6-22-23	7:50	2		X		-13
RW 7		GW		6-22-23	7:40	2		X		-14
* RW 8		GW		6-22-23	7:30	4	X	X		-15
DUP-01		GW						X		-16

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # /

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Greg Flores	6/22/23	1130	[signature]	
[signature]	6/22/23	1700	SWA	Temp: 5.3 °C Bottles Received: 6 BAG 5.3+0.53
			Received for lab by: (Signature) [signature]	Date: 6/23/23 Time: 8:15

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Pace Analytical®

ANALYTICAL REPORT

October 10, 2023

Plains All American Pipeline

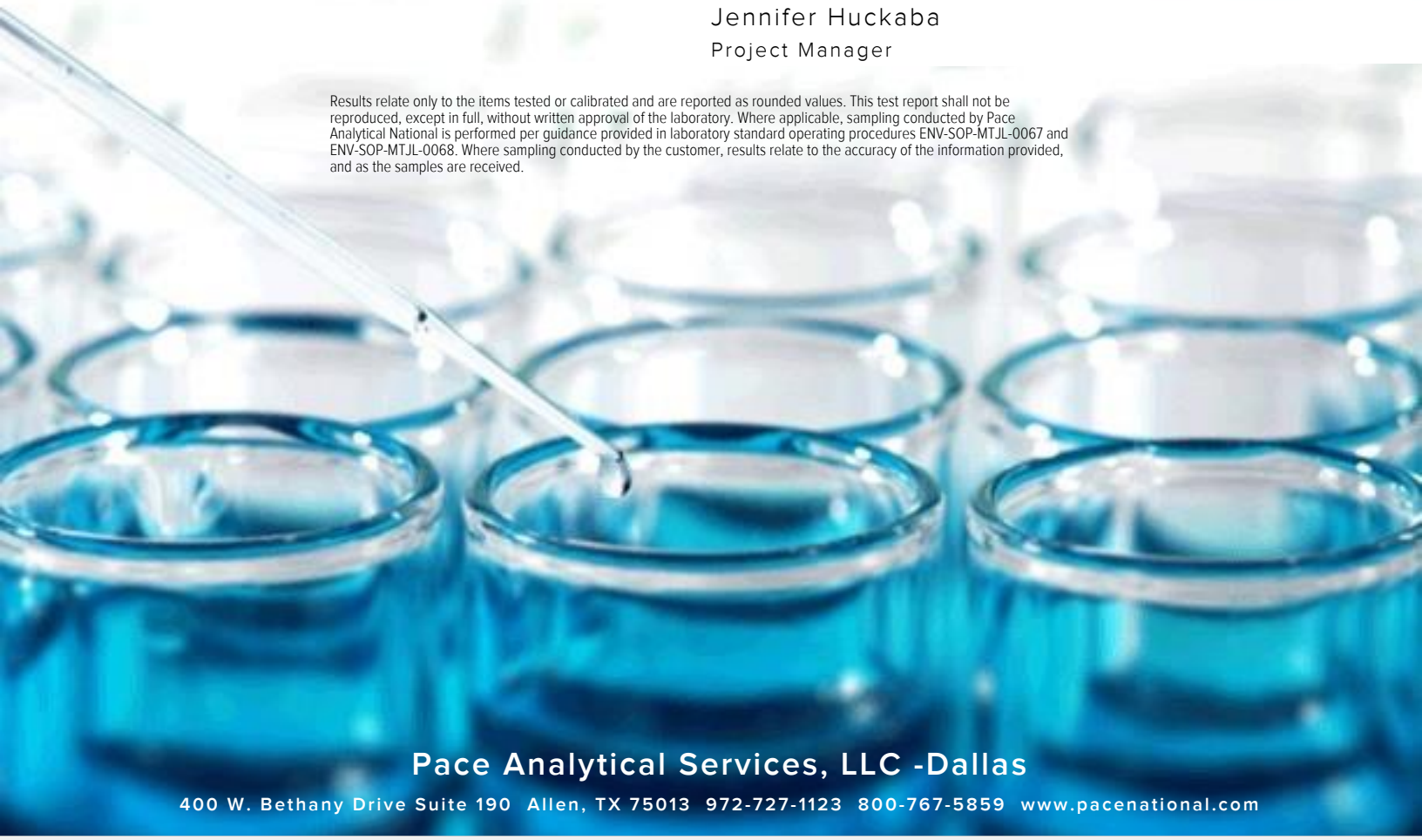
Sample Delivery Group:	L1661994
Samples Received:	10/03/2023
Project Number:	PAA12015
Description:	Vac to Jal 5

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

Entire Report Reviewed By:

Jennifer Huckaba
Project Manager

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



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

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SAMPLE SUMMARY

MW1 L1661994-01 GW

Collected by: Greg Flores | Collected date/time: 09/29/23 10:25 | Received date/time: 10/03/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG2147107	1	10/07/23 19:49	10/07/23 19:49	ZST	Allen, TX

MW2 L1661994-02 GW

Collected by: Greg Flores | Collected date/time: 09/29/23 10:30 | Received date/time: 10/03/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG2147107	1	10/07/23 21:01	10/07/23 21:01	ZST	Allen, TX

MW3 L1661994-03 GW

Collected by: Greg Flores | Collected date/time: 09/29/23 11:40 | Received date/time: 10/03/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG2147107	1	10/07/23 21:24	10/07/23 21:24	ZST	Allen, TX

MW4 L1661994-04 GW

Collected by: Greg Flores | Collected date/time: 09/29/23 11:50 | Received date/time: 10/03/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG2147107	1	10/07/23 21:48	10/07/23 21:48	ZST	Allen, TX

MW5 L1661994-05 GW

Collected by: Greg Flores | Collected date/time: 09/29/23 10:00 | Received date/time: 10/03/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG2147107	1	10/07/23 22:12	10/07/23 22:12	ZST	Allen, TX

MW6 L1661994-06 GW

Collected by: Greg Flores | Collected date/time: 09/29/23 12:30 | Received date/time: 10/03/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG2147107	1	10/07/23 22:36	10/07/23 22:36	ZST	Allen, TX

MW7 L1661994-07 GW

Collected by: Greg Flores | Collected date/time: 09/29/23 10:15 | Received date/time: 10/03/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG2147107	1	10/07/23 22:59	10/07/23 22:59	ZST	Allen, TX

RW1 L1661994-08 GW

Collected by: Greg Flores | Collected date/time: 09/29/23 11:05 | Received date/time: 10/03/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG2147107	1	10/07/23 23:23	10/07/23 23:23	ZST	Allen, TX

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

RW3 L1661994-09 GW

Collected by: Greg Flores | Collected date/time: 09/29/23 11:30 | Received date/time: 10/03/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG2147107	1	10/07/23 23:47	10/07/23 23:47	ZST	Allen, TX

RW4 L1661994-10 GW

Collected by: Greg Flores | Collected date/time: 09/29/23 12:00 | Received date/time: 10/03/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG2147107	1	10/08/23 00:11	10/08/23 00:11	ZST	Allen, TX

RW5 L1661994-11 GW

Collected by: Greg Flores | Collected date/time: 09/29/23 10:55 | Received date/time: 10/03/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG2147107	1	10/08/23 00:34	10/08/23 00:34	ZST	Allen, TX

RW6 L1661994-12 GW

Collected by: Greg Flores | Collected date/time: 09/29/23 11:25 | Received date/time: 10/03/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG2147107	1	10/08/23 00:58	10/08/23 00:58	ZST	Allen, TX

RW7 L1661994-13 GW

Collected by: Greg Flores | Collected date/time: 09/29/23 10:45 | Received date/time: 10/03/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG2147107	1	10/08/23 01:22	10/08/23 01:22	ZST	Allen, TX

DUP-01 L1661994-14 GW

Collected by: Greg Flores | Collected date/time: 09/29/23 00:00 | Received date/time: 10/03/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260	WG2147107	1	10/08/23 01:45	10/08/23 01:45	ZST	Allen, TX

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

Jennifer Huckaba
Project Manager

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	10/07/2023 19:49	WG2147107
Ethylbenzene	<0.000462		0.000462	0.00200	1	10/07/2023 19:49	WG2147107
Toluene	<0.000998		0.000998	0.00500	1	10/07/2023 19:49	WG2147107
Xylenes, Total	<0.00132		0.00132	0.00600	1	10/07/2023 19:49	WG2147107
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*10/07/2023 19:49*	WG2147107
(S) 4-Bromofluorobenzene	*100*			*70.0-130*		*10/07/2023 19:49*	WG2147107
(S) Toluene-d8	*95.8*			*70.0-130*		*10/07/2023 19:49*	WG2147107

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	10/07/2023 21:01	WG2147107
Ethylbenzene	<0.000462		0.000462	0.00200	1	10/07/2023 21:01	WG2147107
Toluene	<0.000998		0.000998	0.00500	1	10/07/2023 21:01	WG2147107
Xylenes, Total	<0.00132		0.00132	0.00600	1	10/07/2023 21:01	WG2147107
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*10/07/2023 21:01*	WG2147107
(S) 4-Bromofluorobenzene	*100*			*70.0-130*		*10/07/2023 21:01*	WG2147107
(S) Toluene-d8	*97.5*			*70.0-130*		*10/07/2023 21:01*	WG2147107

Received by OCD: 6/5/2024 1:53:21 PM

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	10/07/2023 21:24	WG2147107
Ethylbenzene	<0.000462		0.000462	0.00200	1	10/07/2023 21:24	WG2147107
Toluene	<0.000998		0.000998	0.00500	1	10/07/2023 21:24	WG2147107
Xylenes, Total	<0.00132		0.00132	0.00600	1	10/07/2023 21:24	WG2147107
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*10/07/2023 21:24*	WG2147107
(S) 4-Bromofluorobenzene	*98.0*			*70.0-130*		*10/07/2023 21:24*	WG2147107
(S) Toluene-d8	*96.1*			*70.0-130*		*10/07/2023 21:24*	WG2147107

Released to Imaging: 12/18/2024 3:48:18 PM

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	10/07/2023 21:48	WG2147107
Ethylbenzene	<0.000462		0.000462	0.00200	1	10/07/2023 21:48	WG2147107
Toluene	<0.000998		0.000998	0.00500	1	10/07/2023 21:48	WG2147107
Xylenes, Total	<0.00132		0.00132	0.00600	1	10/07/2023 21:48	WG2147107
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*10/07/2023 21:48*	WG2147107
(S) 4-Bromofluorobenzene	*99.2*			*70.0-130*		*10/07/2023 21:48*	WG2147107
(S) Toluene-d8	*96.8*			*70.0-130*		*10/07/2023 21:48*	WG2147107

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	10/07/2023 22:12	WG2147107
Ethylbenzene	<0.000462		0.000462	0.00200	1	10/07/2023 22:12	WG2147107
Toluene	<0.000998		0.000998	0.00500	1	10/07/2023 22:12	WG2147107
Xylenes, Total	<0.00132		0.00132	0.00600	1	10/07/2023 22:12	WG2147107
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*10/07/2023 22:12*	WG2147107
(S) 4-Bromofluorobenzene	*99.3*			*70.0-130*		*10/07/2023 22:12*	WG2147107
(S) Toluene-d8	*96.1*			*70.0-130*		*10/07/2023 22:12*	WG2147107

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	10/07/2023 22:36	WG2147107
Ethylbenzene	<0.000462		0.000462	0.00200	1	10/07/2023 22:36	WG2147107
Toluene	<0.000998		0.000998	0.00500	1	10/07/2023 22:36	WG2147107
Xylenes, Total	<0.00132		0.00132	0.00600	1	10/07/2023 22:36	WG2147107
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*10/07/2023 22:36*	WG2147107
(S) 4-Bromofluorobenzene	*97.0*			*70.0-130*		*10/07/2023 22:36*	WG2147107
(S) Toluene-d8	*97.3*			*70.0-130*		*10/07/2023 22:36*	WG2147107

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000935	J	0.000493	0.00200	1	10/07/2023 22:59	WG2147107
Ethylbenzene	<0.000462		0.000462	0.00200	1	10/07/2023 22:59	WG2147107
Toluene	<0.000998		0.000998	0.00500	1	10/07/2023 22:59	WG2147107
Xylenes, Total	0.00955		0.00132	0.00600	1	10/07/2023 22:59	WG2147107
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*10/07/2023 22:59*	WG2147107
(S) 4-Bromofluorobenzene	*95.1*			*70.0-130*		*10/07/2023 22:59*	WG2147107
(S) Toluene-d8	*97.8*			*70.0-130*		*10/07/2023 22:59*	WG2147107

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	10/07/2023 23:23	WG2147107
Ethylbenzene	<0.000462		0.000462	0.00200	1	10/07/2023 23:23	WG2147107
Toluene	<0.000998		0.000998	0.00500	1	10/07/2023 23:23	WG2147107
Xylenes, Total	<0.00132		0.00132	0.00600	1	10/07/2023 23:23	WG2147107
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*10/07/2023 23:23*	WG2147107
(S) 4-Bromofluorobenzene	*95.9*			*70.0-130*		*10/07/2023 23:23*	WG2147107
(S) Toluene-d8	*96.9*			*70.0-130*		*10/07/2023 23:23*	WG2147107

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000906	J	0.000493	0.00200	1	10/07/2023 23:47	WG2147107
Ethylbenzene	0.00577		0.000462	0.00200	1	10/07/2023 23:47	WG2147107
Toluene	<0.000998		0.000998	0.00500	1	10/07/2023 23:47	WG2147107
Xylenes, Total	0.00343	J	0.00132	0.00600	1	10/07/2023 23:47	WG2147107
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*10/07/2023 23:47*	WG2147107
(S) 4-Bromofluorobenzene	*96.2*			*70.0-130*		*10/07/2023 23:47*	WG2147107
(S) Toluene-d8	*97.4*			*70.0-130*		*10/07/2023 23:47*	WG2147107

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	10/08/2023 00:11	WG2147107
Ethylbenzene	<0.000462		0.000462	0.00200	1	10/08/2023 00:11	WG2147107
Toluene	<0.000998		0.000998	0.00500	1	10/08/2023 00:11	WG2147107
Xylenes, Total	<0.00132		0.00132	0.00600	1	10/08/2023 00:11	WG2147107
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*		*10/08/2023 00:11*	WG2147107
(S) 4-Bromofluorobenzene	*101*			*70.0-130*		*10/08/2023 00:11*	WG2147107
(S) Toluene-d8	*97.3*			*70.0-130*		*10/08/2023 00:11*	WG2147107

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	10/08/2023 00:34	WG2147107
Ethylbenzene	<0.000462		0.000462	0.00200	1	10/08/2023 00:34	WG2147107
Toluene	<0.000998		0.000998	0.00500	1	10/08/2023 00:34	WG2147107
Xylenes, Total	<0.00132		0.00132	0.00600	1	10/08/2023 00:34	WG2147107
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*10/08/2023 00:34*	WG2147107
(S) 4-Bromofluorobenzene	*93.5*			*70.0-130*		*10/08/2023 00:34*	WG2147107
(S) Toluene-d8	*96.9*			*70.0-130*		*10/08/2023 00:34*	WG2147107

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	10/08/2023 00:58	WG2147107
Ethylbenzene	<0.000462		0.000462	0.00200	1	10/08/2023 00:58	WG2147107
Toluene	<0.000998		0.000998	0.00500	1	10/08/2023 00:58	WG2147107
Xylenes, Total	<0.00132		0.00132	0.00600	1	10/08/2023 00:58	WG2147107
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*		*10/08/2023 00:58*	WG2147107
(S) 4-Bromofluorobenzene	*100*			*70.0-130*		*10/08/2023 00:58*	WG2147107
(S) Toluene-d8	*95.3*			*70.0-130*		*10/08/2023 00:58*	WG2147107

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 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000713	J	0.000493	0.00200	1	10/08/2023 01:22	WG2147107
Ethylbenzene	<0.000462		0.000462	0.00200	1	10/08/2023 01:22	WG2147107
Toluene	<0.000998		0.000998	0.00500	1	10/08/2023 01:22	WG2147107
Xylenes, Total	<0.00132		0.00132	0.00600	1	10/08/2023 01:22	WG2147107
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*		*10/08/2023 01:22*	WG2147107
(S) 4-Bromofluorobenzene	*98.4*			*70.0-130*		*10/08/2023 01:22*	WG2147107
(S) Toluene-d8	*97.1*			*70.0-130*		*10/08/2023 01:22*	WG2147107

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.000493		0.000493	0.00200	1	10/08/2023 01:45	WG2147107
Ethylbenzene	<0.000462		0.000462	0.00200	1	10/08/2023 01:45	WG2147107
Toluene	<0.000998		0.000998	0.00500	1	10/08/2023 01:45	WG2147107
Xylenes, Total	<0.00132		0.00132	0.00600	1	10/08/2023 01:45	WG2147107
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*10/08/2023 01:45*	WG2147107
(S) 4-Bromofluorobenzene	*98.3*			*70.0-130*		*10/08/2023 01:45*	WG2147107
(S) Toluene-d8	*95.6*			*70.0-130*		*10/08/2023 01:45*	WG2147107

Method Blank (MB)

(MB) R3983713-2 10/07/23 18:38

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	<0.000493		0.000493	0.00200
Ethylbenzene	<0.000462		0.000462	0.00200
Toluene	<0.000998		0.000998	0.00500
Xylenes, Total	<0.00132		0.00132	0.00600
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*
(S) 4-Bromofluorobenzene	*94.4*			*70.0-130*
(S) Toluene-d8	*97.7*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3983713-1 10/07/23 16:41

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0200	0.0158	79.0	73.0-131	
Ethylbenzene	0.0201	0.0164	81.6	76.0-129	
Toluene	0.0200	0.0160	80.0	73.0-130	
Xylenes, Total	0.0596	0.0500	83.9	78.0-124	
(S) 1,2-Dichloroethane-d4			*112*	*70.0-130*	
(S) 4-Bromofluorobenzene			*91.2*	*70.0-130*	
(S) Toluene-d8			*94.7*	*70.0-130*	

L1661994-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661994-01 10/07/23 19:49 • (MS) R3983713-3 10/07/23 19:02 • (MSD) R3983713-4 10/07/23 19:26

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.0200	<0.000493	0.0166	0.0163	83.0	81.5	1	74.0-130			1.82	20
Ethylbenzene	0.0201	<0.000462	0.0174	0.0173	86.6	86.1	1	77.0-127			0.576	20
Toluene	0.0200	<0.000998	0.0176	0.0170	88.0	85.0	1	74.0-127			3.47	20
Xylenes, Total	0.0596	<0.00132	0.0522	0.0522	87.6	87.6	1	71.0-133			0.000	20
(S) 1,2-Dichloroethane-d4					*112*	*112*		*70.0-130*				
(S) 4-Bromofluorobenzene					*92.3*	*92.7*		*70.0-130*				
(S) Toluene-d8					*95.6*	*95.6*		*70.0-130*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

ACCREDITATIONS & LOCATIONS

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

Arkansas	88-0647	Kansas	E10388
Florida	E871118	Texas	T104704232-23-39
Iowa	408	Oklahoma	8727
Louisiana	30686		

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

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

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

Company Name/Address:
Plains All American Pipeline

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

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

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace
PEOPLE ADVANCING SCIENCE

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

Report to: Bill Goldsby

Email To: CJBryant@paalp.com;khudgens@paalp.com;Ma

Project Description: Vac to Jal 5

City/State Collected:

Please Circle: PT MT CT ET

Phone: 281-507-3578

Client Project # PAA12015

Lab Project # PLAINSENT-PAA12015

SDG # L1661994

Collected by (print): Greg Flores

Site/Facility ID #

P.O. #

Table #

Collected by (signature): Greg Flores

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

Acctnum: PLAINSENT
Template: T238644
Prelogin: P1027225
PM: 3564 - Chad A Upchurch
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
MW 1		GW		9-29-23	1025	2	X		-01
MW 2		GW			1030				02
MW 3		GW			1140				03
MW 4		GW			1150				04
MW 5		GW			1000				05
MW 6		GW			1230				06
MW 7		GW			1015				07
RW 1		GW			1105				08
RW 3		GW			1130				09
RW 4		GW			1200				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
RAD Screen <0.5 mR/hr: __Y __N

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Greg Flores	9/29/23	2:30			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	If preservation required by Login: Date/Time
	9/29/23	1700	SWP		
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK
			Alejandra Gallegos PACE	10/3/23 0800	

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

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

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

Pace PEOPLE ADVANCING SCIENCE

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

Report to: Bill Goldsby

Email To: CJBryant@paalp.com;khudgens@paalp.com;Ma

Project Description: Vac to Jal 5

City/State Collected:

Please Circle: PT MT CT ET

Phone: 281-507-3578

Client Project # PAA12015

Lab Project # PLAINSENT-PAA12015

SDG # L1661994

Table #

Collected by (print): Greg Flores

Site/Facility ID #

P.O. #

Acctnum: PLAINSENT
Template: T238644
Prelogin: P1027225
PM: 3564 - Chad A Upchurch
PB:

Collected by (signature): Greg Flores. Albert Hanna

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	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
RW 5		GW		9.29.23	1055	2	X		11
RW 4		GW			1125				12
RW 7		GW			1045				13
Dup-01		GW			—				14
		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
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Greg Flores	9/29/23	2:30	CB	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
CB	9/29/23	1700	SWA	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
			Alejandra Gallegos PACE	10/3/23 0800

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Released to Imaging: 12/18/2024 3:48:18 PM
Received by OCD: 6/5/2024 1:53:21 PM

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

Sample Condition Upon Receipt

☑Dallas ☐Ft Worth ☐Corpus Christi ☐Austin

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

Courier: FedEX ☐ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☐ Other: SWA

Tracking #: _____

Custody Seal on Cooler/Box: Yes ☐ No ☑

Received on ice: Wet ☑ Blue ☐ No ice ☐

Receiving Lab 1 Thermometer Used: IR19 **Cooler Temp °C:** 19.4 (Recorded) +0.2 (Correction Factor) 19.6 (Actual)

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

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

Triage Person: AG **Date:** 10/3/23

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

Login Person: JW **Date:** 10/3/23

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

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

Released to Imaging: 12/18/2024 3:48:18 PM
Received by OCD: 6/5/2024 1:53:21 PM

DAL - L1661994 PLAINSENT NCF - JWW

R5

Time estimate: oh **Time spent:** oh

Members

Jeremy Watkins (responsible) CU Chad Upchurch

- [ ] 1 . If Chain-of-custody (COC) is not received: contact client and if necessary, fill out a COC and indicate that it was filled out by lab personnel. Note issues on this NCF.
- [ ] 2. If COC is incomplete, check applicable issues below and add details where appropiate:
- [ ] *Collection date/time missing or incorrect
- [ ] *Analyses or analytes: missing or Clarification needed
- [ ] *Samples listed on COC do not match samples recieved (missing, additional,etc.)
- [ ] *Sample IDs on COC do not match sample Labels
- [ ] *Required trip blanks were not received
- [ ] *Required signatures are missing
- [x] 3. Sample integrity issues: check applicable issues below and add details where appropriate:
- [ ] *Samples: Past holding time
- [ ] *Samples: Not Field Filtered
- [ ] *samples: Insufficent volume received
- [ ] *Samples: Cooler damaged or compromised
- [ ] *Samples: contain Chlorine or Sulfide
- [ ] *Samples: condition needs to be brought to lab personnel's attention (details below)
- [ ] *Containers: Broken or compromised
- [ ] *Containers: Incorrect
- [ ] *Custody Seals: missing or compromised on samples, trip blanks or coolers
- [ ] *Packing Material: Insufficient/Improper
- [ ] *Preservation: improper
- [ ] *Temperature:not witin acceptance criteria (typically 0-6C)
- [ ] *Temperature: Samples arrived frozen
- [x] *Vials received with improper headspace
- [ ] *Other:
- [ ] 4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:
- [ ] Sample ID:_____
- [ ] Preserved by:_____
- [ ] Date/Time:_____
- [ ] Initial and Final pH:_____
- [ ] Amount/type pres added:_____
- [ ] Lot # of Pres added:_____
- [ ] 5. Client contact: If Client is Contacted for any issue listed above, fill in details below:
- [ ] Client:
- [ ] PM Initials:
- [ ] Contacted per:
- [ ] Date/Time:

Comments

Released to Imaging: 12/18/2024 3:48:18 PM
Received by OCD: 6/5/2024 1:53:21 PM

Jeremy Watkins *3 October 2023 11:54 AM*

1 of 2 Vials received with Headspace for MW2, MW4 and Dup01

Chad Upchurch *3 October 2023 4:03 PM*

Please proceed and run from the (1) vial received with no headspace.

ANALYTICAL REPORT

December 18, 2023

Plains All American Pipeline

Sample Delivery Group:	L1686258
Samples Received:	12/09/2023
Project Number:	PAA12015
Description:	Vac to Jal 5

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

Entire Report Reviewed By:

Chad A Upchurch
Project Manager

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

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

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Released to Imaging: 12/18/2024 3:48:18 PM

MW1 L1686258-01 GW

			Collected by	Collected date/time	Received date/time	
				12/08/23 10:45	12/09/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2189039	1	12/14/23 10:52	12/14/23 10:52	TJJ	Mt. Juliet, TN

MW2 L1686258-02 GW

			Collected by	Collected date/time	Received date/time	
				12/08/23 11:25	12/09/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2189039	1	12/14/23 11:13	12/14/23 11:13	TJJ	Mt. Juliet, TN

MW3 L1686258-03 GW

			Collected by	Collected date/time	Received date/time	
				12/08/23 10:55	12/09/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2189039	1	12/14/23 11:34	12/14/23 11:34	TJJ	Mt. Juliet, TN

MW4 L1686258-04 GW

			Collected by	Collected date/time	Received date/time	
				12/08/23 12:00	12/09/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2189039	1	12/14/23 11:55	12/14/23 11:55	TJJ	Mt. Juliet, TN

MW5 L1686258-05 GW

			Collected by	Collected date/time	Received date/time	
				12/08/23 11:30	12/09/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2189039	1	12/14/23 12:16	12/14/23 12:16	TJJ	Mt. Juliet, TN

MW6 L1686258-06 GW

			Collected by	Collected date/time	Received date/time	
				12/08/23 11:05	12/09/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2189039	1	12/14/23 12:38	12/14/23 12:38	TJJ	Mt. Juliet, TN

MW7 L1686258-07 GW

			Collected by	Collected date/time	Received date/time	
				12/08/23 10:15	12/09/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2189039	1	12/14/23 12:59	12/14/23 12:59	TJJ	Mt. Juliet, TN

RW1 L1686258-08 GW

			Collected by	Collected date/time	Received date/time	
				12/08/23 12:30	12/09/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2189039	1	12/14/23 13:20	12/14/23 13:20	TJJ	Mt. Juliet, TN

SAMPLE SUMMARY

RW3 L1686258-09 GW

Collected by	Collected date/time	Received date/time
	12/08/23 11:55	12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2189039	1	12/14/23 13:41	12/14/23 13:41	TJJ	Mt. Juliet, TN

RW4 L1686258-10 GW

Collected by	Collected date/time	Received date/time
	12/08/23 11:40	12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2189039	1	12/14/23 14:02	12/14/23 14:02	TJJ	Mt. Juliet, TN

RW5 L1686258-11 GW

Collected by	Collected date/time	Received date/time
	12/08/23 10:45	12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2189039	1	12/14/23 14:24	12/14/23 14:24	TJJ	Mt. Juliet, TN

RW6 L1686258-12 GW

Collected by	Collected date/time	Received date/time
	12/08/23 12:10	12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2189039	1	12/14/23 14:45	12/14/23 14:45	TJJ	Mt. Juliet, TN

RW7 L1686258-13 GW

Collected by	Collected date/time	Received date/time
	12/08/23 12:15	12/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2189039	1	12/14/23 15:06	12/14/23 15:06	TJJ	Mt. Juliet, TN

CASE NARRATIVE

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

Chad A Upchurch
Project Manager

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	12/14/2023 10:52	WG2189039
Toluene	<0.000278		0.000278	0.00100	1	12/14/2023 10:52	WG2189039
Ethylbenzene	<0.000137		0.000137	0.00100	1	12/14/2023 10:52	WG2189039
Total Xylenes	<0.000174		0.000174	0.00300	1	12/14/2023 10:52	WG2189039
(S) Toluene-d8	*103*			*80.0-120*		*12/14/2023 10:52*	WG2189039
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*12/14/2023 10:52*	WG2189039
(S) 1,2-Dichloroethane-d4	*99.3*			*70.0-130*		*12/14/2023 10:52*	WG2189039

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	12/14/2023 11:13	WG2189039
Toluene	<0.000278		0.000278	0.00100	1	12/14/2023 11:13	WG2189039
Ethylbenzene	<0.000137		0.000137	0.00100	1	12/14/2023 11:13	WG2189039
Total Xylenes	<0.000174		0.000174	0.00300	1	12/14/2023 11:13	WG2189039
(S) Toluene-d8	*104*			*80.0-120*		*12/14/2023 11:13*	WG2189039
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*12/14/2023 11:13*	WG2189039
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*12/14/2023 11:13*	WG2189039

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	12/14/2023 11:34	WG2189039
Toluene	<0.000278		0.000278	0.00100	1	12/14/2023 11:34	WG2189039
Ethylbenzene	<0.000137		0.000137	0.00100	1	12/14/2023 11:34	WG2189039
Total Xylenes	<0.000174		0.000174	0.00300	1	12/14/2023 11:34	WG2189039
(S) Toluene-d8	*105*			*80.0-120*		*12/14/2023 11:34*	WG2189039
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*12/14/2023 11:34*	WG2189039
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*12/14/2023 11:34*	WG2189039

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	12/14/2023 11:55	WG2189039
Toluene	<0.000278		0.000278	0.00100	1	12/14/2023 11:55	WG2189039
Ethylbenzene	<0.000137		0.000137	0.00100	1	12/14/2023 11:55	WG2189039
Total Xylenes	<0.000174		0.000174	0.00300	1	12/14/2023 11:55	WG2189039
(S) Toluene-d8	*107*			*80.0-120*		*12/14/2023 11:55*	WG2189039
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*12/14/2023 11:55*	WG2189039
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*12/14/2023 11:55*	WG2189039

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	12/14/2023 12:16	WG2189039
Toluene	<0.000278		0.000278	0.00100	1	12/14/2023 12:16	WG2189039
Ethylbenzene	<0.000137		0.000137	0.00100	1	12/14/2023 12:16	WG2189039
Total Xylenes	<0.000174		0.000174	0.00300	1	12/14/2023 12:16	WG2189039
(S) Toluene-d8	*103*			*80.0-120*		*12/14/2023 12:16*	WG2189039
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*12/14/2023 12:16*	WG2189039
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*12/14/2023 12:16*	WG2189039

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	<0.0000941		0.0000941	0.00100	1	12/14/2023 12:38	WG2189039
Toluene	<0.000278		0.000278	0.00100	1	12/14/2023 12:38	WG2189039
Ethylbenzene	<0.000137		0.000137	0.00100	1	12/14/2023 12:38	WG2189039
Total Xylenes	<0.000174		0.000174	0.00300	1	12/14/2023 12:38	WG2189039
(S) Toluene-d8	*107*			*80.0-120*		*12/14/2023 12:38*	WG2189039
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*12/14/2023 12:38*	WG2189039
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*12/14/2023 12:38*	WG2189039

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	12/14/2023 12:59	WG2189039
Toluene	<0.000278		0.000278	0.00100	1	12/14/2023 12:59	WG2189039
Ethylbenzene	<0.000137		0.000137	0.00100	1	12/14/2023 12:59	WG2189039
Total Xylenes	<0.000174		0.000174	0.00300	1	12/14/2023 12:59	WG2189039
(S) Toluene-d8	*109*			*80.0-120*		*12/14/2023 12:59*	WG2189039
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*12/14/2023 12:59*	WG2189039
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*12/14/2023 12:59*	WG2189039

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000867	J	0.0000941	0.00100	1	12/14/2023 13:20	WG2189039
Toluene	<0.000278		0.000278	0.00100	1	12/14/2023 13:20	WG2189039
Ethylbenzene	<0.000137		0.000137	0.00100	1	12/14/2023 13:20	WG2189039
Total Xylenes	0.00774		0.000174	0.00300	1	12/14/2023 13:20	WG2189039
(S) Toluene-d8	*106*			*80.0-120*		*12/14/2023 13:20*	WG2189039
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*12/14/2023 13:20*	WG2189039
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*12/14/2023 13:20*	WG2189039

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00101		0.0000941	0.00100	1	12/14/2023 13:41	WG2189039
Toluene	<0.000278		0.000278	0.00100	1	12/14/2023 13:41	WG2189039
Ethylbenzene	0.00165		0.000137	0.00100	1	12/14/2023 13:41	WG2189039
Total Xylenes	0.00116	J	0.000174	0.00300	1	12/14/2023 13:41	WG2189039
(S) Toluene-d8	*107*			*80.0-120*		*12/14/2023 13:41*	WG2189039
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*12/14/2023 13:41*	WG2189039
(S) 1,2-Dichloroethane-d4	*97.3*			*70.0-130*		*12/14/2023 13:41*	WG2189039

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Benzene	<0.0000941		0.0000941	0.00100	1	12/14/2023 14:02	WG2189039
Toluene	<0.000278		0.000278	0.00100	1	12/14/2023 14:02	WG2189039
Ethylbenzene	<0.000137		0.000137	0.00100	1	12/14/2023 14:02	WG2189039
Total Xylenes	<0.000174		0.000174	0.00300	1	12/14/2023 14:02	WG2189039
(S) Toluene-d8	*110*			*80.0-120*		*12/14/2023 14:02*	WG2189039
(S) 4-Bromofluorobenzene	*113*			*77.0-126*		*12/14/2023 14:02*	WG2189039
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*12/14/2023 14:02*	WG2189039

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	12/14/2023 14:24	WG2189039
Toluene	<0.000278		0.000278	0.00100	1	12/14/2023 14:24	WG2189039
Ethylbenzene	<0.000137		0.000137	0.00100	1	12/14/2023 14:24	WG2189039
Total Xylenes	<0.000174		0.000174	0.00300	1	12/14/2023 14:24	WG2189039
(S) Toluene-d8	*106*			*80.0-120*		*12/14/2023 14:24*	WG2189039
(S) 4-Bromofluorobenzene	*109*			*77.0-126*		*12/14/2023 14:24*	WG2189039
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*12/14/2023 14:24*	WG2189039

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	12/14/2023 14:45	WG2189039
Toluene	<0.000278		0.000278	0.00100	1	12/14/2023 14:45	WG2189039
Ethylbenzene	<0.000137		0.000137	0.00100	1	12/14/2023 14:45	WG2189039
Total Xylenes	<0.000174		0.000174	0.00300	1	12/14/2023 14:45	WG2189039
(S) Toluene-d8	*107*			*80.0-120*		*12/14/2023 14:45*	WG2189039
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*12/14/2023 14:45*	WG2189039
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*12/14/2023 14:45*	WG2189039

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	<0.0000941		0.0000941	0.00100	1	12/14/2023 15:06	WG2189039
Toluene	<0.000278		0.000278	0.00100	1	12/14/2023 15:06	WG2189039
Ethylbenzene	<0.000137		0.000137	0.00100	1	12/14/2023 15:06	WG2189039
Total Xylenes	<0.000174		0.000174	0.00300	1	12/14/2023 15:06	WG2189039
(S) Toluene-d8	*113*			*80.0-120*		*12/14/2023 15:06*	WG2189039
(S) 4-Bromofluorobenzene	*113*			*77.0-126*		*12/14/2023 15:06*	WG2189039
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*12/14/2023 15:06*	WG2189039

Method Blank (MB)

(MB) R4013567-3 12/14/23 09:48

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	<0.0000941		0.0000941	0.00100
Toluene	<0.000278		0.000278	0.00100
Ethylbenzene	<0.000137		0.000137	0.00100
Total Xylenes	<0.000174		0.000174	0.00300
(S) Toluene-d8	*112*			*80.0-120*
(S) 4-Bromofluorobenzene	*111*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*

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

(LCS) R4013567-1 12/14/23 08:43 • (LCSD) R4013567-2 12/14/23 09:05

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00532	0.00524	106	105	70.0-123			1.52	20
Toluene	0.00500	0.00499	0.00501	99.8	100	79.0-120			0.400	20
Ethylbenzene	0.00500	0.00464	0.00481	92.8	96.2	79.0-123			3.60	20
Total Xylenes	0.0150	0.0142	0.0156	94.7	104	79.0-123			9.40	20
(S) Toluene-d8				*102*	*103*	*80.0-120*				
(S) 4-Bromofluorobenzene				*106*	*108*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*107*	*104*	*70.0-130*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

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

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

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

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

Pres Chk

Report to: **Bill Goldsby**

Email To: CJBryant@paalp.com;khudgens@paalp.com;Ma

Project Description: **Vac to Jal 5**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **281-507-3578**

Client Project # **PAA12015**

Lab Project # **PLAINSENT-PAA12015**

Collected by (print): Greg Moles/Albert Acosta

Site/Facility ID #

P.O. #

Collected by (signature): Greg

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	V8260BTEX 40ml/Amb-HCl	Remarks	Sample # (lab only)
MW 1		GW		12-8-23	1045	2	X		-01
MW 2		GW			1125				-02
MW 3		GW			1055				-03
MW 4		GW			1200				-04
MW 5		GW			1130				-05
MW 6		GW			1105				-06
MW 7		GW			1045				-07
RW 1		GW			1230				-08
RW 3		GW			1155				-09
RW 4		GW			1140				-10

Chain of Custody Page 1 of 2

Pace
PEOPLE ADVANCING SCIENCE

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

SDG # J050

Acctnum: PLAINSENT
Template: T217032
Prelogin: P1004604
PM: 3564 - Chad A Upchurch
PB:

Shipped Via:

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 526 9662 1615

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Greg	12/7	1400			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: CCAB 2.5+0=2.5 28	If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12/9/23 Time: 0900	Hold: / Condition: NCF / OK

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

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

Pres Chk

Report to: **Bill Goldsby**

Email To: CJBryant@paalp.com;khudgens@paalp.com;Ma

Project Description: Vac to Jal 5

City/State Collected:

Please Circle: PT MT CT ET

Phone: 281-507-3578

Client Project # PAA12015

Lab Project # PLAINSENT-PAA12015

Collected by (print): Greg Hoios / Albert Herrera

Site/Facility ID #

P.O. #

Collected by (signature): Greg Hoios

Immediately Packed on Ice N ___ Y ✓

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

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

V8260BTEX 40mlAmb-HCl

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEX 40mlAmb-HCl	Remarks	Sample # (lab only)
RW5		GW		12.8.23	1045	2	X		-11
RW6		GW		"	1210	"	"		-12
RW7		GW		"	1215	"	"		-13
		GW							
		GW							
		GW							

Chain of Custody Page 2 of 2

Pace
PEOPLE ADVANCING SCIENCE

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

SDG #

Table #

Acctnum: PLAINSENT
Template: T217032
Prelogin: P1004604
PM: 3564 - Chad A Upchurch
PB:

Shipped Via:

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Greg Hoios	12/7	1400	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			Jamcem

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: °C Bottles Received:

Date: 12/9/23 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Received by OCD: 6/5/2024 1:53:21 PM

Appendix B

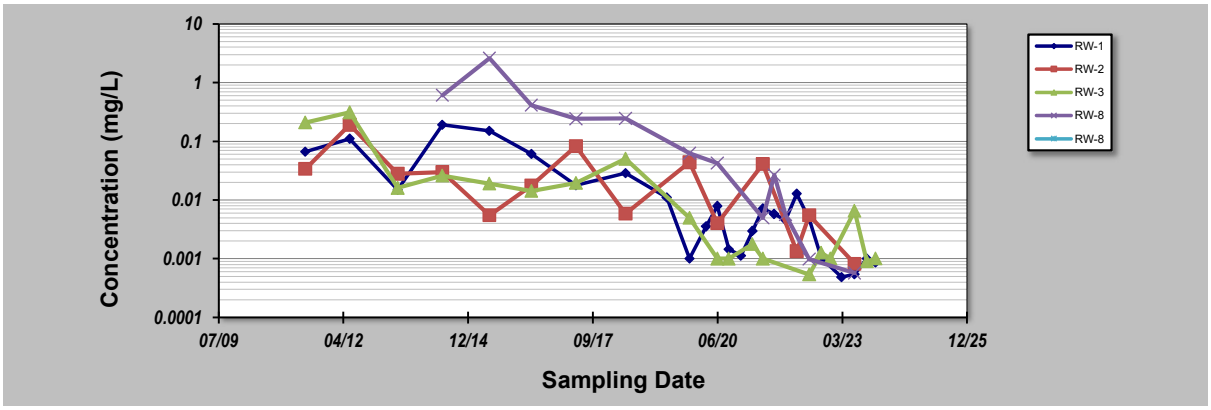
Mann-Kendall Trend Test

Released to Imaging: 12/18/2024 3:48:18 PM

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	25-Jan-24	Job ID:	PAA12015
Facility Name:	Plains - Vac to Jal #5	Constituent:	Benzene
Conducted By:	WRG	Concentration Units:	mg/L

Sampling Point ID:	RW-1	RW-2	RW-3	RW-8	RW-8		
Sampling Event	Sampling Date	BENZENE CONCENTRATION (mg/L)						
1	06/01/11	**0.0660**	**0.034**	**0.21**				
2	05/22/12	**0.1100**	**0.19**	**0.3100**				
3	06/11/13	**0.0150**	**0.028**	**0.0160**				
4	06/03/14	**0.1900**	**0.03**	**0.0260**	**0.61**			
5	06/16/15	**0.1500**	0.0055	**0.0190**	**2.6**			
6	05/17/16	**0.0606**	**0.0176**	**0.0142**	**0.41**			
7	05/09/17	**0.0180**	**0.0829**	**0.0196**	**0.243**			
8	06/12/18	**0.0288**	0.00586	**0.0505**	**0.245**			
9	05/08/19	**0.0110**						
10	11/06/19	***0.0010***	**0.0438**	***0.0050***	**0.0624**			
11	03/18/20	0.00355						
12	06/17/20	0.00794	0.00404	***0.0010***	**0.0424**			
13	09/16/20	0.00145		***0.0010***				
14	12/23/20	0.00113						
15	03/25/21	0.00296		0.00178				
16	06/17/21	0.00714	**0.0410**	***0.0010***	0.00498			
17	09/16/21	0.00577			**0.0265**			
18	12/16/21	0.00454			0.00562			
19	03/16/22	**0.0128**	0.00134					
20	06/23/22	0.00478	0.00546	0.000539	0.0010			
21	09/28/22	0.00103		0.00126				
22	12/09/22	0.000867		0.00101				
23	03/08/23	0.000485						
24	06/22/23	0.000542	0.00082	0.00654	0.000571			
25	09/29/23	***0.0010***		0.000906				
26	12/8/2023	0.000867		0.00101				
27								
28								
29								
30								
Coefficient of Variation:		1.78	1.43	2.26	2.07			
Mann-Kendall Statistic (S):		-170	-43	-97	-58			
Confidence Factor:		>99.9%	99.0%	>99.9%	>99.9%			
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)

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

Received by OCD: 6/5/2024 1:53:21 PM

Appendix C

2006 – 2023 Historical Well Survey Data and Groundwater Elevations

Released to Imaging: 12/18/2024 3:48:18 PM

TABLE 2
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

TABLE 2
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	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	
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-1	03/25/21	3363.04	63.78	ND	49.72	ND	NA	NA	NA	3313.32	Sampled
MW-1	06/17/21	3363.04	63.78	ND	49.74	ND	NA	NA	NA	3313.30	Sampled
MW-1	09/15/21	3363.04	63.78	ND	49.79	ND	NA	NA	NA	3313.25	Sampled
MW-1	12/16/21	3363.04	63.78	ND	49.71	ND	NA	NA	NA	3313.33	Sampled
MW-1	03/15/22	3363.04	63.78	ND	49.63	ND	NA	NA	NA	3313.41	Sampled
MW-1	06/23/22	3363.04	63.78	ND	49.72	ND	NA	NA	NA	3313.32	Sampled
MW-1	09/28/22	3363.04	63.78	ND	49.90	ND	NA	NA	NA	3313.14	Sampled
MW-1	12/08/22	3363.04	63.78	ND	49.81	ND	NA	NA	NA	3313.23	Sampled
MW-1	06/21/23	3363.04	63.78	ND	49.65	ND	NA	NA	7.00	3313.39	Sampled
MW-1	09/28/23	3363.04	63.78	ND	49.00	ND	NA	NA	7.00	3314.04	Sampled
MW-1	12/07/23	3363.04	63.78	ND	49.45	ND	NA	NA	7.00	3313.59	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	

TABLE 2
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	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	
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

TABLE 2
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	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
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-2	03/25/21	3362.11	64.10	ND	48.41	ND	NA	NA	NA	3313.70	Sampled
MW-2	06/17/21	3362.11	64.10	ND	48.38	ND	NA	NA	NA	3313.73	Sampled
MW-2	09/15/21	3362.11	64.10	ND	48.48	ND	NA	NA	NA	3313.63	
MW-2	12/16/21	3362.11	64.10	ND	48.40	ND	NA	NA	NA	3313.71	Sampled
MW-2	03/15/22	3362.11	64.10	ND	48.32	ND	NA	NA	NA	3313.79	Sampled
MW-2	06/23/22	3362.11	64.10	ND	48.40	ND	NA	NA	NA	3313.71	Sampled
MW-2	09/28/22	3362.11	64.10	ND	48.55	ND	NA	NA	NA	3313.56	Sampled
MW-2	12/08/22	3362.11	64.10	ND	48.52	ND	NA	NA	NA	3313.59	Sampled
MW-2	03/07/23	3362.11	64.10	ND	48.39	ND	NA	NA	NA	3313.72	
MW-2	06/21/23	3362.11	64.10	ND	48.32	ND	NA	NA	NA	3313.79	Sampled
MW-2	09/28/23	3362.11	64.10	ND	48.56	ND	NA	NA	8.00	3313.55	Sampled
MW-2	12/07/23	3362.11	64.10	ND	48.48	ND	NA	NA	8.00	3313.63	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	

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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	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
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	

TABLE 2
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	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-3	03/25/21	3362.13	64.72	ND	47.93	ND	NA	NA	NA	3314.20	Sampled
MW-3	06/17/21	3362.13	64.72	ND	47.90	ND	NA	NA	NA	3314.23	Sampled
MW-3	09/15/21	3362.13	64.72	ND	47.99	ND	NA	NA	NA	3314.14	Sampled
MW-3	12/16/21	3362.13	64.72	ND	47.93	ND	NA	NA	NA	3314.20	Sampled
MW-3	03/15/22	3362.13	64.72	ND	47.85	ND	NA	NA	NA	3314.28	Sampled
MW-3	06/23/22	3362.13	64.72	ND	47.92	ND	NA	NA	NA	3314.21	Sampled
MW-3	09/28/22	3362.13	64.72	ND	48.09	ND	NA	NA	NA	3314.04	Sampled
MW-3	12/08/22	3362.13	64.72	ND	48.05	ND	NA	NA	NA	3314.08	Sampled
MW-3	03/07/23	3362.13	64.72	ND	47.91	ND	NA	NA	9.00	3314.22	Sampled
MW-3	06/21/23	3362.13	64.72	ND	47.85	ND	NA	NA	NA	3314.28	Sampled
MW-3	09/28/23	3362.13	64.72	ND	48.09	ND	NA	NA	8.00	3314.04	Sampled
MW-3	12/07/23	3362.13	64.72	ND	48.15	ND	NA	NA	8.00	3313.98	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	
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	

TABLE 2
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	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	
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-4	03/25/21	3362.49	63.48	ND	47.90	ND	NA	NA	NA	3314.59	Sampled
MW-4	06/17/21	3362.49	63.48	ND	47.92	ND	NA	NA	NA	3314.57	Sampled

TABLE 2
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	09/15/21	3362.49	63.48	ND	47.96	ND	NA	NA	NA	3314.53	Sampled
MW-4	12/16/21	3362.49	63.48	ND	47.89	ND	NA	NA	NA	3314.60	Sampled
MW-4	03/15/22	3362.49	63.48	ND	47.83	ND	NA	NA	NA	3314.66	Sampled
MW-4	06/23/22	3362.49	63.48	ND	47.90	ND	NA	NA	NA	3314.59	Sampled
MW-4	09/28/22	3362.49	63.48	ND	48.04	ND	NA	NA	NA	3314.45	Sampled
MW-4	12/08/22	3362.49	63.48	ND	48.02	ND	NA	NA	NA	3314.47	Sampled
MW-4	03/07/23	3362.49	63.48	ND	47.90	ND	NA	NA	NA	3314.59	
MW-4	06/21/23	3362.49	63.48	ND	47.82	ND	NA	NA	8.00	3314.67	Sampled
MW-4	09/28/23	3362.49	63.48	ND	48.06	ND	NA	NA	8.00	3314.43	Sampled
MW-4	12/07/23	3362.49	63.48	ND	48.10	ND	NA	NA	8.00	3314.39	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	
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	

TABLE 2
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	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-5	03/25/21	3363.67	63.81	ND	50.77	ND	NA	NA	NA	3312.90	Sampled
MW-5	06/17/21	3363.67	63.81	ND	50.75	ND	NA	NA	NA	3312.92	Sampled
MW-5	09/15/21	3363.67	63.81	ND	50.85	ND	NA	NA	NA	3312.82	Sampled
MW-5	12/16/21	3363.67	63.81	ND	50.73	ND	NA	NA	NA	3312.94	Sampled
MW-5	03/15/22	3363.67	63.81	ND	50.70	ND	NA	NA	NA	3312.97	Sampled
MW-5	06/23/22	3363.67	63.81	ND	50.82	ND	NA	NA	NA	3312.85	Sampled
MW-5	09/28/22	3363.67	63.81	ND	49.90	ND	NA	NA	NA	3313.77	Sampled
MW-5	12/08/22	3363.67	63.81	ND	50.88	ND	NA	NA	NA	3312.79	Sampled
MW-5	03/07/23	3363.67	63.81	ND	50.73	ND	NA	NA	NA	3312.94	
MW-5	06/21/23	3363.67	63.81	ND	50.70	ND	NA	NA	6.00	3312.97	Sampled
MW-5	09/28/23	3363.67	63.81	ND	50.94	ND	NA	NA	6.00	3312.73	Sampled
MW-5	12/07/23	3363.67	63.81	ND	50.82	ND	NA	NA	6.00	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	
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

TABLE 2
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	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
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

TABLE 2
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	05/08/17	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-6	03/25/21	3362.60	63.50	ND	49.60	ND	NA	NA	NA	3313.00	Sampled
MW-6	06/17/21	3362.60	63.50	ND	49.55	ND	NA	NA	NA	3313.05	Sampled
MW-6	09/15/21	3362.60	63.50	ND	49.62	ND	NA	NA	NA	3312.98	Sampled
MW-6	12/16/21	3362.60	63.50	ND	49.55	ND	NA	NA	NA	3313.05	Sampled
MW-6	03/15/22	3362.60	63.50	ND	49.48	ND	NA	NA	NA	3313.12	Sampled
MW-6	06/23/22	3362.60	63.50	ND	49.55	ND	NA	NA	NA	3313.05	Sampled
MW-6	09/28/22	3362.60	63.50	ND	49.68	ND	NA	NA	NA	3312.92	Sampled
MW-6	12/08/22	3362.60	63.50	ND	49.63	ND	NA	NA	NA	3312.97	Sampled
MW-6	03/07/23	3362.60	63.50	ND	49.52	ND	NA	NA	7.00	3313.08	Sampled
MW-6	06/21/23	3362.60	63.50	ND	49.45	ND	NA	NA	7.00	3313.15	Sampled
MW-6	09/28/23	3362.60	63.50	ND	49.70	ND	NA	NA	7.00	3312.90	Sampled
MW-6	12/07/23	3362.60	63.50	ND	49.81	ND	NA	NA	6.00	3312.79	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	

TABLE 2
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	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	
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
MW-7	03/25/21	3362.75	63.75	ND	49.76	ND	NA	NA	NA	3312.99	Sampled
MW-7	06/17/21	3362.75	63.75	ND	49.77	ND	NA	NA	NA	3312.98	Sampled
MW-7	09/15/21	3362.75	63.75	ND	49.83	ND	NA	NA	NA	3312.92	Sampled
MW-7	12/16/21	3362.75	63.75	ND	49.74	ND	NA	NA	NA	3313.01	Sampled
MW-7	03/15/22	3362.75	63.75	ND	49.70	ND	NA	NA	NA	3313.05	Sampled
MW-7	06/23/22	3362.75	63.75	ND	49.75	ND	NA	NA	NA	3313.00	Sampled
MW-7	09/28/22	3362.75	63.75	ND	49.95	ND	NA	NA	NA	3312.80	Sampled
MW-7	12/08/22	3362.75	63.75	ND	49.85	ND	NA	NA	NA	3312.90	Sampled
MW-7	03/07/23	3362.75	63.75	ND	49.72	ND	NA	NA	NA	3313.03	
MW-7	06/21/23	3362.75	63.75	ND	49.68	ND	NA	NA	NA	3313.07	Sampled
MW-7	09/28/23	3362.75	63.75	ND	49.90	ND	NA	NA	7.00	3312.85	Sampled
MW-7	12/07/23	3362.75	63.75	ND	49.88	ND	NA	NA	7.00	3312.87	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	

TABLE 2
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	05/11/06	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	
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

TABLE 2
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	11/13/07	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
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 Sock
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

TABLE 2
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	03/04/09	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
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	

TABLE 2
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	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	
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	

TABLE 2
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	07/13/11	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	
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	

TABLE 2
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	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	
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	

TABLE 2
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	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	
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	

TABLE 2
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	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	
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	

TABLE 2
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	07/06/17	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	
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	

TABLE 2
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	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	
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-1	03/25/21	3362.10	61.65	Sheen	48.41	Sheen	NA	Sheen	10.00	3313.69	
RW-1	06/17/21	3362.10	61.65	Sheen	48.38	Sheen	NA	Sheen	10.00	3313.72	
RW-1	09/15/21	3362.10	61.65	Sheen	48.48	Sheen	NA	Sheen	10.00	3313.62	
RW-1	12/16/21	3362.10	61.65	Sheen	48.42	Sheen	NA	Sheen	10.00	3313.68	
RW-1	03/15/22	3362.10	61.65	ND	48.33	ND	NA	Sheen	10.00	3313.77	
RW-1	06/23/22	3362.10	61.65	Sheen	48.40	Sheen	NA	Sheen	10.00	3313.70	
RW-1	09/28/22	3362.10	61.65	ND	48.60	ND	NA	Sheen	10.00	3313.50	
RW-1	12/08/22	3362.10	61.65	48.52	48.54	0.02	NA	Sheen	10.00	3313.58	
RW-1	03/07/23	3362.10	61.65	ND	48.40	ND	NA	NA	25.00	3313.70	Sampled
RW-1	06/21/23	3362.10	61.65	48.29	48.30	0.01	NA	Sheen	10.00	3313.81	Sampled
RW-1	09/28/23	3362.10	61.65	ND	48.59	ND	NA	NA	25.00	3313.51	Sampled
RW-1	12/07/23	3362.10	61.65	ND	48.62	ND	NA	NA	6.00	3313.48	Sampled
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	

TABLE 2
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	06/29/06	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	
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

TABLE 2
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	08/09/07	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
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	

TABLE 2
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	06/04/08	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	
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	

TABLE 2
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	04/15/09	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	
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	

TABLE 2
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	01/06/10	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	
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	

TABLE 2
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	04/08/11	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	
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	

TABLE 2
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	02/02/12	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	
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	

TABLE 2
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	02/13/13	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	
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	

TABLE 2
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	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	
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	

TABLE 2
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	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	
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	

TABLE 2
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	06/29/18	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	
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	

TABLE 2
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	06/16/20	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-2	03/25/21	3362.00	63.40	48.58	48.76	0.18	NA	0.25	9.75	3313.39	
RW-2	06/17/21	3362.00	63.40	48.55	49.00	0.45	NA	0.25	9.75	3313.38	
RW-2	09/15/21	3362.00	63.40	48.62	48.66	0.04	NA	0.25	9.75	3313.37	
RW-2	12/16/21	3362.00	63.40	48.56	48.62	0.06	NA	0.25	9.75	3313.43	
RW-2	03/15/22	3362.00	63.40	Sheen	48.50	Sheen	NA	0.25	9.75	3313.50	
RW-2	06/23/22	3362.00	63.40	48.56	48.58	0.02	NA	0.25	9.75	3313.44	
RW-2	09/28/22	3362.00	63.40	48.75	49.20	0.45	NA	0.25	9.75	3313.18	
RW-2	12/08/22	3362.00	63.40	48.65	48.80	0.15	NA	0.25	9.75	3313.33	
RW-2	03/07/23	3362.00	63.40	48.55	48.61	0.06	NA	NA	NA	3313.44	
RW-2	06/21/23	3362.00	63.40	48.45	48.60	0.15	NA	0.25	9.75	3313.53	Sampled
RW-2	09/28/23	3362.00	63.40	49.71	49.88	0.17	NA	1.50	8.50	3312.26	
RW-2	12/07/23	3362.00	63.40	49.67	49.78	0.11	NA	NA	NA	3312.31	
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	

TABLE 2
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	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
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	

TABLE 2
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	01/03/08	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	
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	

TABLE 2
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	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
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 Sock
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	

TABLE 2
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	10/21/09	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	
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	

TABLE 2
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	10/06/10	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	
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	

TABLE 2
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	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	
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	

TABLE 2
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	07/25/12	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	
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	

TABLE 2
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	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	
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	

TABLE 2
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	12/09/15	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	
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	

TABLE 2
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	05/25/17	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	
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	

TABLE 2
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	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	
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-3	03/25/21	3361.93	63.80	sheen	49.10	sheen	NA	0.25	9.75	3312.83	
RW-3	06/17/21	3361.93	63.80	sheen	49.07	sheen	NA	0.25	9.75	3312.86	
RW-3	09/15/21	3361.93	63.80	49.17	49.19	0.02	NA	0.25	9.75	3312.76	
RW-3	12/16/21	3361.93	63.80	49.10	49.11	0.01	NA	0.25	9.75	3312.83	
RW-3	03/15/22	3361.93	63.80	49.02	49.08	0.06	NA	0.25	9.75	3312.90	
RW-3	06/23/22	3361.93	63.80	49.08	49.11	0.03	NA	0.25	9.75	3312.85	
RW-3	09/28/22	3361.93	63.80	ND	49.30	ND	NA	0.25	9.75	3312.63	
RW-3	12/08/22	3361.93	63.80	49.20	49.22	0.02	NA	0.25	9.75	3312.73	
RW-3	03/07/23	3361.93	63.80	49.07	49.08	0.01	NA	NA	NA	3312.86	

TABLE 2
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	06/21/23	3361.93	63.80	48.88	49.00	0.12	NA	0.25	30.00	3313.03	Sampled
RW-3	09/28/23	3361.93	63.80	ND	49.26	ND	NA	NA	25.00	3312.67	Sampled
RW-3	12/07/23	3361.93	63.80	ND	49.31	ND	NA	NA	28.00	3312.62	Sampled
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	
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	

TABLE 2
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	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
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-4	03/25/21	3363.22	63.65	ND	48.84	ND	NA	NA	NA	3314.38	Sampled
RW-4	06/17/21	3363.22	63.65	ND	48.81	ND	NA	NA	NA	3314.41	Sampled
RW-4	09/15/21	3363.22	63.65	ND	48.90	ND	NA	NA	NA	3314.32	Sampled
RW-4	12/16/21	3363.22	63.65	ND	48.82	ND	NA	NA	NA	3314.40	Sampled
RW-4	03/15/22	3363.22	63.65	ND	48.77	ND	NA	NA	NA	3314.45	Sampled
RW-4	06/23/22	3363.22	63.65	ND	48.60	ND	NA	NA	NA	3314.62	Sampled
RW-4	09/28/22	3363.22	63.65	ND	48.98	ND	NA	NA	NA	3314.24	Sampled
RW-4	12/08/22	3363.22	63.65	ND	48.95	ND	NA	NA	NA	3314.27	Sampled
RW-4	03/07/23	3363.22	63.65	ND	48.82	ND	NA	NA	NA	3314.40	
RW-4	06/21/23	3363.22	63.65	ND	48.75	ND	NA	NA	30.00	3314.47	Sampled
RW-4	09/28/23	3363.22	63.65	ND	49.00	ND	NA	NA	30.00	3314.22	Sampled
RW-4	12/07/23	3363.22	63.65	ND	49.09	ND	NA	NA	29.00	3314.13	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

TABLE 2
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	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	
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

TABLE 2
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	05/08/19	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-5	03/25/21	3362.38	64.07	ND	48.48	ND	NA	NA	NA	3313.90	Sampled
RW-5	06/17/21	3362.38	64.07	ND	48.44	ND	NA	NA	NA	3313.94	Sampled
RW-5	09/15/21	3362.38	64.07	ND	48.54	ND	NA	NA	NA	3313.84	Sampled
RW-5	12/16/21	3362.38	64.07	ND	48.45	ND	NA	NA	NA	3313.93	Sampled
RW-5	03/15/22	3362.38	64.07	ND	48.42	ND	NA	NA	NA	3313.96	Sampled
RW-5	06/23/22	3362.38	64.07	ND	48.48	ND	NA	NA	NA	3313.90	Sampled
RW-5	09/28/22	3362.38	64.07	ND	48.63	ND	NA	NA	NA	3313.75	Sampled
RW-5	12/08/22	3362.38	64.07	ND	40.60	ND	NA	NA	NA	3321.78	Sampled
RW-5	03/07/23	3362.38	64.07	ND	48.46	ND	NA	NA	NA	3313.92	
RW-5	06/21/23	3362.38	64.07	ND	48.40	ND	NA	NA	30.00	3313.98	Sampled
RW-5	09/28/23	3362.38	64.07	ND	48.65	ND	NA	NA	30.00	3313.73	Sampled
RW-5	12/07/23	3362.38	64.07	ND	48.60	ND	NA	NA	30.00	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	
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	

TABLE 2
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	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-6	03/25/21	3363.11	64.27	ND	49.76	ND	NA	NA	NA	3313.35	Sampled
RW-6	06/17/21	3363.11	64.27	ND	49.75	ND	NA	NA	NA	3313.36	Sampled
RW-6	09/15/21	3363.11	64.27	ND	49.85	ND	NA	NA	NA	3313.26	Sampled
RW-6	12/16/21	3363.11	64.27	ND	49.75	ND	NA	NA	NA	3313.36	Sampled
RW-6	03/15/22	3363.11	64.27	ND	49.70	ND	NA	NA	NA	3313.41	Sampled
RW-6	06/23/22	3363.11	64.27	ND	49.76	ND	NA	NA	NA	3313.35	Sampled
RW-6	09/28/22	3363.11	64.27	ND	49.46	ND	NA	NA	NA	3313.65	Sampled
RW-6	12/08/22	3363.11	64.27	ND	49.87	ND	NA	NA	NA	3313.24	Sampled
RW-6	03/07/23	3363.11	64.27	ND	49.74	ND	NA	NA	NA	3313.37	
RW-6	06/21/23	3363.11	64.27	ND	49.70	ND	NA	NA	29.00	3313.41	Sampled
RW-6	09/28/23	3363.11	64.27	ND	49.95	ND	NA	NA	30.00	3313.16	Sampled
RW-6	12/07/23	3363.11	64.27	ND	49.90	ND	NA	NA	28.00	3313.21	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	
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

TABLE 2
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	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-7	03/25/21	3362.52	68.56	ND	48.45	ND	NA	NA	NA	3314.07	Sampled
RW-7	06/17/21	3362.52	68.56	ND	48.42	ND	NA	NA	NA	3314.10	Sampled
RW-7	09/15/21	3362.52	68.56	ND	48.50	ND	NA	NA	NA	3314.02	Sampled
RW-7	03/15/22	3362.52	68.56	ND	48.36	ND	NA	NA	NA	3314.16	Sampled
RW-7	12/16/21	3362.52	68.56	ND	48.41	ND	NA	NA	NA	3314.11	Sampled
RW-7	06/23/22	3362.52	68.56	ND	48.45	ND	NA	NA	NA	3314.07	Sampled
RW-7	09/28/22	3362.52	68.56	ND	48.62	ND	NA	NA	NA	3313.90	Sampled
RW-7	12/08/22	3362.52	68.56	ND	48.55	ND	NA	NA	NA	3313.97	Sampled
RW-7	03/07/23	3362.52	68.56	ND	48.41	ND	NA	NA	40.00	3314.11	Sampled
RW-7	06/21/23	3362.52	68.56	ND	48.35	ND	NA	NA	40.00	3314.17	Sampled
RW-7	09/28/23	3362.52	68.56	ND	48.60	ND	NA	NA	40.00	3313.92	Sampled
RW-7	12/07/23	3362.52	68.56	ND	48.58	ND	NA	NA	40.00	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	

TABLE 2
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	04/15/14	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	
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	

TABLE 2
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	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	
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	

TABLE 2
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	07/06/17	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	
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	

TABLE 2
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	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	
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	
RW-8	03/25/21	3362.52	68.34	49.06	49.31	0.25	NA	2.00	18.00	3313.42	
RW-8	06/17/21	3362.52	68.34	49.05	49.15	0.10	NA	2.00	23.00	3313.46	Sampled
RW-8	09/15/21	3362.52	68.34	49.14	49.18	0.04	NA	2.00	23.00	3313.37	
RW-8	12/16/21	3362.52	68.34	sheen	49.09	sheen	NA	2.00	23.00	3313.43	Sampled
RW-8	03/15/22	3362.52	68.34	49.00	49.03	0.03	NA	2.00	23.00	3313.52	Sampled
RW-8	06/23/22	3362.52	68.34	48.91	49.08	0.17	NA	2.00	23.00	3313.58	Sampled
RW-8	09/28/22	3362.52	68.34	49.22	49.28	0.06	NA	2.00	23.00	3313.29	Sampled
RW-8	12/08/22	3362.52	68.34	49.16	49.21	0.05	NA	2.00	23.00	3313.35	
RW-8	03/07/23	3362.52	68.34	49.04	49.05	0.01	NA	NA	NA	3313.48	
RW-8	06/21/23	3362.52	68.34	48.95	49.25	0.30	NA	2.00	38.00	3313.53	Sampled
RW-8	09/28/23	3362.52	68.34	49.23	49.40	0.17	NA	1.50	8.50	3313.26	
RW-8	12/07/23	3362.52	68.34	49.00	49.55	0.55	NA	NA	NA	3313.44	

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

TABLE 2
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		

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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Operator:	OGRID:
PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	34053
	Action Number: 351110
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2023 Annual Groundwater Monitoring Report for Vacuum to Jal 14" Mainline #5: content satisfactory. 1. Plains has continued to remove LNAPL/PSH on a monthly basis from recovery wells: RW-1 through RW-3, RW-8 if present. 2. Approximately 22 gallons of PSH was removed from applicable wells and affected groundwater and transported off-site by Gandy Corporation as the hauler. 3. Please indicate which facility this is going to for disposal on the 2024 annual monitoring report, as there is not one listed in the report. 4. Continue to sample on a semi-annual basis for MW-1, MW-2, MW-4, MW-6, MW-7, RW-5, RW-6 5. Conduct quarterly sampling of monitoring wells MW-3, MW-5, and RW 1, RW-2, RW-3, and RW-8, if there is no measureable PSH. PAHs may be discontinued for sampling after 2 consecutive years--eight (8) quarters total for ND results or substantially below the WQCC human health standards. 6. Submit the 2024 annual report to OCD by June 4, 2024.	12/18/2024