



EA Engineering, Science, and Technology, Inc., PBC  
320 Gold Avenue SW, Suite 1300  
Albuquerque, New Mexico 87102  
www.eaest.com

August 31, 2022

Mr. Jaben Richards  
Ground Water Quality Bureau  
New Mexico Environment Department  
PO Box 5469  
Santa Fe, NM 87502

Dear Mr. Richards:

On behalf of Doña Ana Dairies, Inc., EA Engineering, Science, and Technology, Inc., PBC is submitting this Quarterly Groundwater Monitoring Report for the dairies located in Mesquite, Vado, and Anthony, New Mexico. The report discusses the quarterly groundwater sampling event conducted to fulfill requirements of the Stage 2 Abatement Plan for Doña Ana Dairies.

Please let me know if you have any questions regarding the information provided in this report.

Sincerely,

A handwritten signature in black ink, appearing to read 'Gina Mullen', is positioned above the printed name.

Gina Mullen  
Project Manager

A handwritten signature in blue ink, appearing to read 'Jay Snyder', is positioned above the printed name.

Jay Snyder  
Senior Hydrogeologist

Enclosure

Cc: Linda Armstrong, Doña Ana Dairies (electronic)  
File



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[www.eaest.com](http://www.eaest.com)

QUARTERLY GROUNDWATER  
MONITORING REPORT  
DOÑA ANA DAIRIES  
MESQUITE, NEW MEXICO

Prepared for:

Doña Ana Dairies  
Mesquite, New Mexico

Prepared by:

EA Engineering, Science,  
and Technology, Inc., PBC  
320 Gold Avenue SW, Suite 1300  
Albuquerque, New Mexico 87102

August 2022

EA Project No. 1464109.02

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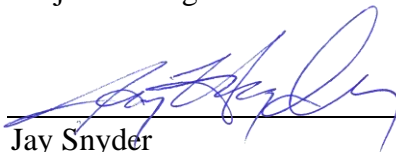


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Gina Mullen  
Project Manager

August 31, 2022

Date



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Jay Snyder  
Senior Hydrogeologist

August 31, 2022

Date

August 2022

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## 1.0 INTRODUCTION

On behalf of Doña Ana Dairies (Dairies), EA Engineering, Science, and Technology, Inc., PBC (EA) has prepared this Quarterly Monitoring Report for Doña Ana Dairies located south of Las Cruces, New Mexico (Figure 1). The report was completed in accordance with the *Stage 2 Abatement Plan* and the *Sampling and Analysis Plan, Doña Ana Dairies, Doña Ana County, New Mexico* dated November 7, 2013, and August 11, 2008, respectively, and the Conceptual Work Plan (CWP) dated February 1, 2008. All were prepared to satisfy requirements stated in the New Mexico Administrative Code (NMAC), Title 20, Chapter 6, Part 2, Sections 4106 through 4110 (20.6.2.4106 – 20.6.2.4110 NMAC). The Sampling and Analysis Plan was approved by the New Mexico Environment Department (NMED) Ground Water Quality Bureau (GWQB) on September 25, 2008. On March 25, 2015, the stipulated agreement to additional requirements to the Dona Ana Dairies Stage 2 Abatement Plan was agreed upon by NMED, the Dairies, and the Rio Valle Concerned Citizens. The Stage 2 Abatement Plan was approved by NMED by Final Order on April 10, 2015. A Stage 2 Abatement Plan Modification was approved by NMED on April 26, 2022. Document references are provided in Section 5.0.

### 1.1 Objective and Monitoring Scope

The objective of this monitoring program is to satisfy the requirements set forth in the Stage 2 Abatement Plan and the Stipulated Agreement and to satisfy the requirements set forth in 20.6.2.4110 NMAC.

The following work was performed to meet the objectives of the monitoring program:

- Representatives from D&H Petroleum and Environmental Services, Inc. (D&H) gauged discharge plan (DP) monitoring wells, abatement plan (AP) monitoring wells, and Anthony Waste Water Treatment Plant (WWTP) wells from May 2, 2022 through May 7, 2022. Organ Dairy wells were gauged by Glorieta Geosciences, Inc. (Glorieta) on May 5, 2022.
- From May 5, 2022 through June 2, 2022, D&H representatives collected groundwater samples from all AP and DP wells that contained sufficient water and select irrigation/supply wells. Organ Dairy wells were sampled by Glorieta on May 5, 2022. Well DAD-06 was the only AP well that was dry. The samples were analyzed for nitrate, chloride, total dissolved solids (TDS), and total Kjeldhal nitrogen (TKN). Field parameters including specific conductance, pH, temperature, oxidation reduction potential (ORP), and dissolved oxygen were monitored and recorded on field forms during sampling.

### 1.2 Background

In correspondence dated April 7, 2006, NMED required a Stage 1 Abatement Plan for 13 dairies in Doña Ana County, based on analytical results from DP monitoring of on-site compliance monitoring wells that showed concentrations of nitrate, chloride and TDS exceeding ground water standards promulgated in New Mexico Water Quality Control Commission (NMWQCC) Regulations (20.6.2.3103 NMAC). On October 30, 2006, the Dairies notified NMED that they had reached an agreement to work as a group and submit a joint response to NMED's request

(Doña Ana Dairies 2006). The Dona Ana Dairies consortium consisted of the 11 dairies until the departure from the group by River Valley Dairy in April 2019 and Gonzalez Dairy in October 2020. As a result, the consortium currently consists of the following 9 dairies: Big Sky, Bright Star, Buena Vista 2, Del Oro, Dominguez, Dominguez 2, Mountain View, Organ, and Sunset.

On December 11, 2006, on behalf of the Doña Ana Dairies, Golder Associates Inc. (Golder) submitted a Stage 1 and 2 Abatement Plan Proposal to address impacts to groundwater in the area of the Dairies (Golder 2006). The first major deliverable in the Abatement Plan Proposal was an Existing Data Report (EDR) to bring together in one document historical data and practices of the constituent dairies.

The EDR, submitted on February 1, 2008 (Golder 2008a), was intended to satisfy the Dairies commitment for compilation and submission of existing data identified in the 2006 Doña Ana Dairies response to the NMED requirement for Stage I Abatement Plans. Section 9 of the EDR outlined data gaps identified during the preparation of the report, as well as the actions recommended. To facilitate the discussion of the path forward after the submittal of the EDR and concurrent with the EDR submission, a CWP was prepared. (Golder 2008b).

On July 15, 2008, the Dairies, Golder and NMED met (Golder 2008c). During that meeting, plume maps presented in the EDR (Golder 2008a), new monitoring data, and knowledge of well locations and groundwater chemistry results at adjacent DP-regulated facilities were used to identify data gaps with respect to ground water flow direction and plume delineation. The agreed upon data gaps yielded well locations (including contingency locations) recorded in the meeting minutes (Golder 2008c) and depicted in the Sampling and Analysis Plan (SAP) dated August 8, 2008 (Golder 2008d). The SAP outlined the details of the field operations to be implemented for completion of data gaps, such that a Site Investigation Report (§4106.C.6) and Stage 2 Abatement Plan (§4106.D) could be prepared.

Groundwater gauging was conducted concurrent to discussions with NMED at the Dairies for four quarters, February 2008, June 2008, September 2008, and December 2008, to determine the current and historical site groundwater gradient.

In May 2009, field work was conducted as outlined in the SAP and ten (10) AP monitoring wells (DAD-01 through DAD-10) were installed. In July 2009, the Site Investigation Report was submitted to the NMED.

On February 9, 2012, the Final Site Investigation Report was submitted to NMED. The report summarized field activities that occurred from October 10 through October 14, 2011, and November 10 through 18, 2011, during which eleven soil borings were advanced at the site and converted into monitoring wells DAD-12 through DAD-14, DAD-16 through DAD-22, and DP well 177-03A.

On August 16, 2012, soil boring/monitoring well DAD-15 was installed and on August 20, 2012, well DAD-15 was sampled. An addendum to the Final Site Investigation Report was submitted to NMED on September 7, 2012, which summarized DAD-15 field activities.

A Stage 2 Abatement Plan was submitted to NMED on March 13, 2013. Based on an NMED response in August 2013, a Revision to the Stage 2 Abatement Plan was submitted on November 7, 2013.

On March 25, 2015, the stipulated agreement to additional requirements to the Dona Ana Dairies Stage 2 Abatement Plan was agreed to by NMED, Dona Ana Dairies, and the Rio Valle Concerned Citizens. On April 10, 2015, the Stage 2 Abatement Plan with the stipulated agreement was approved by NMED by Final Order.

EA began implementation of the Stage 2 Abatement Plan and stipulated agreement as directed by the Final Order in December 2015. In order to meet objectives, four monitoring wells were installed (DAD-23 through DAD-26) and Del Oro Dairy discharge plan (DP) well 692-01 was plugged and abandoned. Details on implementation of these tasks are included in the *Stage 2 Implementation and Quarterly Groundwater Monitoring Report*, July 2016.

In accordance with the approved Stage 2 Abatement Plan and stipulated agreement, a baseline compound specific isotope analysis (CSIA) for nitrogen 14 and nitrogen 15 ( $^{15}\text{N}/^{14}\text{N}$  [ $\delta^{15}\text{N}$ ]) and total organic carbon (TOC) was completed for 16 wells in spring of 2016. Additionally, existing conditions concentrations were recalculated for the contaminants of concern. Results of these analyses are presented in the *Stage 2 Implementation and Quarterly Groundwater Monitoring Report*, July 2016. A five-year review containing results of repeated CSIA sampling and recalculated existing conditions concentrations was submitted to NMED in December 2020 (EA 2020).

A Stage 2 Abatement Plan Modification proposal was submitted to NMED on August 10, 2018 to address plume instability in the perched aquifer nitrate plume at Del Oro Dairy. Following discussions with NMED, a revised Stage 2 Abatement Plan Modification proposal was submitted on May 1, 2019. A public meeting to discuss the plan was held in Anthony, New Mexico on May 17, 2019. The Stage 2 Abatement Plan Modification proposal was revised based on additional input from NMED and the public and submitted on July 26, 2019. Public notice for the proposal was initiated on October 23, 2019 and closed on December 31, 2019. An addendum to the Stage 2 Abatement Plan Modification proposal was submitted on July 13, 2020. A revised addendum to the Stage 2 Abatement Plan Modification proposal was submitted on July 13, 2021 based on additional comments from the public. An additional virtual townhall meeting was held on December 15, 2021 that presented the current proposal. The performance plan was submitted to NMED on February 15, 2022. NMED approved the Stage 2 Abatement Plan Modification for Dona Ana Dairies (EA 2019), the accompanying Stage 2 Abatement Plan Addendum for Reuse of Pumped Groundwater at Del Oro Dairy (EA 2021b), and the Stage 2 Abatement Plan Modification Performance Plan (EA 2022) on April 26, 2022. Implementation is currently underway.

## 2.0 GROUNDWATER MONITORING ACTIVITIES

Groundwater monitoring activities included gauging AP monitoring wells, DP monitoring wells for dairies that are a part of the DAD consortium, and Anthony WWTP monitoring wells. Groundwater samples were collected from AP monitoring wells and DP monitoring wells for dairies that are a part of the DAD consortium. The DAD consortium currently consists of the



following dairies: Big Sky, Bright Star, Buena Vista 2, Del Oro, Dominguez, Dominguez 2, Mountain View, Organ, and Sunset. Groundwater samples were analyzed for nitrate, chloride, TDS, and TKN. The resulting data from this groundwater monitoring event are compiled and are presented below.

## 2.1 Well Gauging

From May 2, 2022 through May 7, 2022, representatives from D&H gauged DP monitoring wells, AP monitoring wells, and Anthony WWTP wells with an electronic water level indicator. Organ Dairy wells were gauged by Glorieta on May 5, 2022. Table 1 provides a summary of the groundwater gauging data collected from the monitoring network. Data obtained during gauging are shown on potentiometric surface maps included as Figures 2, 3, 4, and 5. Well gauging field forms are available in Appendix A.

## 2.2 Groundwater Sampling

D&H sampled all AP monitoring wells with sufficient water from May 24, 2022 through June 2, 2022. Well DAD-06 has been dry since August 2013 and was not sampled. The Stage 2 Abatement Plan proposal discusses plans for a drilling company to attempt to remove silt at the bottom of the well through redevelopment. Groundwater sampling from AP wells was accomplished with new, disposable bailers. Three well casing volumes were purged unless the well contained insufficient water.

D&H sampled the DP wells from May 5, 2022, through May 23, 2022. Glorieta sampled Organ Dairy DP wells on May 5, 2022. Prior to sampling, all DP wells were purged of three well casing volumes, if practicable, by (1) hand-bailing with new, disposable bailers and twine, (2) pumping with a submersible pump and new polyethylene tubing, or (3) pumping with a dedicated pump and new polyethylene tubing. Due to a lower water table, several DP wells were dry or contained insufficient water for sampling. Sunset well 257-03 has had an unknown blockage since November 2021 and was not sampled.

The wells were sampled from historically clean to dirty to the extent possible to minimize cross-contamination potential. All non-dedicated or disposable equipment was decontaminated between wells with an Alconox™ solution to further ensure sample quality. All meters were calibrated and/or checked with standards in accordance with the manufacturer's specifications prior to daily use. Purge water was ground discharged.

When sufficient water was available, field parameters including specific conductance, temperature, pH, ORP, and dissolved oxygen were monitored using a water quality meter and recorded on field forms. Dissolved oxygen and ORP were only measured in the first set of readings. Field parameters from August 2015 to present are summarized in Table 2. The sampling field forms are presented in Appendix A.

All groundwater samples were collected immediately after purging. Sampling was either accomplished by carefully pouring groundwater from the bailer into the sample containers or by pumping groundwater through new polyethylene tubing into the sample container. Sample containers were provided by Hall Environmental Analysis Laboratory, Inc. (Hall). Container size, type, sample preservatives, analytical methods, and holding times are specified in Table 3.

All samples were preserved in accordance with method requirements, labeled, then immediately cooled to <6°C with ice and delivered under chain-of-custody to Hall in Albuquerque, New Mexico. All analytical laboratory reports are provided in Appendix B.

### **2.3 Irrigation/Supply Well Groundwater Sampling**

Dominguez Dairy irrigation/supply wells LRG-00590-S-6 and LRG-00591-S-2 and Organ Dairy well LRG-458 S were sampled this quarter. Irrigation well LRG-00590-S-6 was sampled on May 27, 2022 because it was unable to be sampled in the previous annual sampling event. The sample was analyzed for nitrate, TKN, and chloride. TDS could not be analyzed due to a hold time exceedance. Dominguez Dairy well LRG-00591-S-2 was re-sampled on June 8, 2022 because the nitrate concentration from March 2022 exceeded the NMWQCC standard for the first time. The sample was analyzed for nitrate and TKN. Organ Dairy well LRG-458 S was sampled by Glorieta on May 5, 2022 as part of the 2022/2023 annual sampling. The sample was analyzed for nitrate, TKN, chloride, TDS, and sulfate.

Irrigation/supply wells were sampled by collecting a grab aliquot from a faucet or tank located nearest to the pump outlet.

## **3.0 GROUNDWATER MONITORING RESULTS**

### **3.1 Hydraulic Gradient and Direction of Groundwater Flow**

This quarter, groundwater was present beneath the site at depths ranging from 13.92 feet below top-of-casing (ft btoc) in Sunset well 257-03 to 134.33 ft btoc in Dominguez 2 well 42-12. Groundwater was encountered at shallower depths near the Mesquite Drain and at greater depths near I-10 where the topographic elevation increases.

AP monitoring well DAD-25 may have been completed in a perched aquifer, as groundwater elevations have consistently measured several feet higher than groundwater elevations in surrounding wells. As a result, this groundwater elevation has not been used in contouring for the central area potentiometric surface map.

Potentiometric surface maps were completed using the monitoring well gauging data for the northern, central, and southern portions (perched and regional aquifers) of the Dairies. Groundwater elevation data are provided in Table 1 and potentiometric surface maps are provided as Figures 2, 3, 4, and 5. Hydrographs were completed for select monitoring wells in each area and are provided in Appendix C. On average, regional aquifer groundwater elevations decreased by approximately one foot in the northern, central, and southern areas of the regional aquifer. In the southern perched aquifer, groundwater elevations generally decreased by a half foot.

During the most recent gauging event, groundwater flow direction in the northern area was to the east-northeast, except in the southern portion of the northern area where groundwater flowed to the southeast. In the central region, groundwater flow direction was generally to the southeast. Flow direction in the southern regional aquifer was to the south. Flow direction in the southern perched aquifer was to the southwest.

The hydraulic gradient across the Dairies in the regional aquifer was approximately 0.001 ft/ft and the hydraulic gradient in the perched aquifer in the southern area was approximately 0.004 ft/ft.

### 3.2 Groundwater Field Parameters

Field parameters from the most recent monitoring event including specific conductance, pH, temperature, ORP, and dissolved oxygen were recorded on the sampling field forms (Appendix A) and are summarized in Table 2. Specific conductance, dissolved oxygen, and ORP trends for select wells are presented in Appendix D. Though dissolved oxygen and ORP measurements from wells containing a dedicated pump were recorded, these measurements are not considered representative of aquifer conditions. As noted in Section 2.2, dissolved oxygen and ORP are only recorded in the first set of readings. This is because hand bailing agitates the aquifer and the ORP and dissolved oxygen measurements are not considered representative once agitation begins.

### 3.3 Groundwater Analytical Results

#### 3.3.1 Abatement Plan Well Results

Groundwater analyte concentrations were below the 10 milligrams per liter (mg/L) NMWQCC standard for nitrate as nitrogen in 10 of the 25 AP monitoring wells sampled. The following 15 AP wells had nitrate concentrations above the standard: DAD-01, DAD-07, DAD-08, DAD-09, DAD-11 (vertical delineation well), DAD-12 (vertical delineation well), DAD-13, DAD-14, DAD-15, DAD-19 (vertical delineation well), DAD-20, DAD-21, DAD-22, DAD-23, and DAD-26.

Nitrate concentrations decreased or were the same in AP wells DAD-01, DAD-03, DAD-04, DAD-05, DAD-07, DAD-10, DAD-12 (vertical delineation well), DAD-15, DAD-16, DAD-17, DAD-21, and DAD-22, compared to the previous sampling event. The largest decrease in nitrate was observed in DAD-01 which decreased from 20 mg/L in March 2022 to 16 mg/L in May 2022. The largest increase was observed in DAD-19 which increased from 27 mg/L in March 2022 to 34 mg/L in May 2022; both the March and May 2022 concentrations are within the historical range. During this sampling event, nitrate concentrations in the AP wells ranged from 47 mg/L in well DAD-08 to below the laboratory reporting limit of 1.0 mg/L in wells DAD-03, DAD-05, DAD-16, and DAD-17.

Both chloride and TDS concentrations equaled or exceeded their respective NMWQCC standards in most AP wells. Exceptions include wells DAD-04 and DAD-17, where chloride was below the 250 mg/L standard at concentrations of 150 mg/L and 190 mg/L, respectively. TDS was also below the standard of 1,000 mg/L at a concentration of 936 mg/L in well DAD-17. The highest chloride and TDS concentrations in the AP wells were found in well DAD-08, where respective concentrations were 1,800 mg/L and 4,700 mg/L.

Table 4 and Figures 6 through 9 present the analytical results for AP monitoring wells. Analytical laboratory reports are provided in Appendix B. Nitrate, chloride, and TDS concentration trends for select AP wells are presented by area in Appendix E.

### 3.3.2 Dairy Results by Area

DP groundwater analytical results are presented in Table 5. Nitrate, chloride, and TDS concentration trends for the AP wells by area are presented in Appendix E. Analytical data for all sampled wells are plotted on Figures 6 through 9. Analytical laboratory reports are included in Appendix B. Discussions of upgradient/downgradient conditions in the following section are based on groundwater flow directions presented in Section 3.1. The following discussions summarize the results by area at the Dairies.

#### Northern Portion

Upgradient well 86/340-01 (located north of the abatement area) has been below the nitrate NMWQCC standard of 10 mg/L since February 2018; historically, concentrations in this well were consistently above the nitrate standard. Northern Land Application Area well 70/86/340-01, located at the northern-most boundary of the abatement area, was above the standard in May 2022 with a concentration of 20 mg/L. Dominguez Dairy well 624-10 delineates the western edge of the plume. The western edge of the plume is not delineated in the vicinity of Dominguez Dairy well 624-02 and Dominguez Dairy 2 well 42-02. However, the nitrate concentration in both wells are at or just above the standard. The nitrate plume is defined to the east by Dominguez Dairy wells 42-10, 42-11, and 42-12. Delineation is provided by AP well DAD-02 to the south. Nitrate contamination is undefined to the east in the vicinity of AP wells DAD-01 and DAD-13. The highest nitrate concentration in the northern portion was observed in Dominguez Dairy 2 well 42-06 with a concentration of 170 mg/L.

The chloride concentrations in DP wells were generally at or above the 250 mg/L standard in wells sampled within the northern portion of the Dairies. Chloride was detected below the standard at Northern Land Application well 86/340-01 and Organ Dairy well 126-09 with concentrations of 220 mg/L and 190 mg/L, respectively. TDS concentrations were above the 1,000 mg/L standard in all wells sampled within the northern portion of the Dairies except for Organ Dairy well 126-09, which had a TDS concentration of 924 mg/L. The highest concentrations of chloride and TDS were observed in Northern Land Application area well 70/86/340-01 at concentrations of 1,900 mg/L and 6,120 mg/L, respectively.

#### Central Portion

The northern extent of the central portion nitrate plume is defined by Buena Vista Dairy II well 74-03 where nitrate was not detected above the laboratory RL. The southern extent is defined by Las Cruces Community Farms (formerly McAnally Enterprises) well MW-4, where nitrate was below the standard at 1.5 mg/L. Historically, the eastern cross-gradient extent of the plume was defined by wells DAD-07 and DAD-15. Nitrate in these wells exceeded the standard at concentrations of 17 mg/L and 20 mg/L, respectively. The western extent is defined by AP wells DAD-04 and DAD-16; nitrate concentrations remain below the standard in these wells. The highest nitrate concentration in the central portion was 190 mg/L, observed in Big Sky Dairy well 833-09.

Chloride and TDS concentrations were generally at or above standards in wells within the central portion of the Dairies. Chloride was below the standard in Buena Vista Dairy well 74-03, AP well DAD-04, and AP well DAD-17, at respective concentrations of 200 mg/L, 150 mg/L, and

190 mg/L. TDS was below the standard in downgradient AP wells DAD-17 at a concentration of 936 mg/L. The highest chloride concentration was observed at AP well DAD-08 at 1,800 mg/L. The highest TDS concentration of 4,700 mg/L was detected at AP well DAD-08 and Big Sky Dairy well 833-09. Well DAD-08 is located east of Sunset Dairy, adjacent to an irrigation well that is no longer in use. Since 2018, concentrations of chloride have generally been stable and TDS concentrations have been decreasing.

### Southern Portion – Regional and Perched Aquifers

Wells completed in the regional aquifer in the southern portion of the dairies include AP well DAD-10 and Del Oro wells 692-05 through 692-09 (Figure 8). All of the sampled wells in the regional aquifer were below the NMWQCC standard for nitrate except for Del Oro well 692-05 which had a concentration of 15 mg/L. Chloride concentrations were above the NMWQCC standard and ranged from 370 mg/L in Del Oro Dairy well 692-09 to 570 mg/L in Del Oro Dairy well 692-07. TDS ranged from 1,380 mg/L in Del Oro Dairy well 692-08 to 1,670 mg/L in Del Oro Dairy well 692-07.

Wells completed in the perched aquifer in the southern portion that are sampled on a quarterly basis by DAD include wells 692-02, 629-04, DAD-09, DAD-20, DAD-21, DAD-22, and DAD-26 (Figure 9). Nitrate was above the standard in all monitoring wells in the perched aquifer except Del Oro well 692-02. The highest nitrate concentration was detected at Del Oro well 692-04 with a concentration of 57 mg/L. The concentration of nitrate at downgradient AP wells DAD-20, DAD-22, and DAD-26 are 23 mg/L, 16 mg/L, and 26 mg/L, respectively. A modified Abatement Plan proposal to address nitrate in the perched aquifer has been approved by NMED. Implementation of the plan is underway.

Chloride concentrations in the perched aquifer ranged from 300 mg/L in Del Oro well 692-02 to 1,000 mg/L in AP well DAD-20. TDS in the perched aquifer ranged from 1,050 mg/L in Del Oro well 692-02 to 2,980 mg/L in AP well DAD-21.

### *3.3.3 Irrigation/Supply Well Results*

Groundwater analytical results for the sampled irrigation/supply wells are presented in Table 6. Analytical results are included in Figure 6. Analytical laboratory reports are provided in Appendix B.

Nitrate concentrations were below the NMWQCC standard in Dominguez Dairy well LRG-00590-S-6 and Organ Dairy well LRG-458 S. The nitrate concentration in Dominguez Dairy well LRG-00591-S-2 was above the standard at 18 mg/L and is consistent with the previous quarter's nitrate concentration of 19 mg/L.

Chloride and TDS were below standards in Organ Dairy well LRG-458 S. Dominguez Dairy well LRG-00590-S-6 exceeded the chloride standard with a concentration of 570 mg/L. TDS was not analyzed this quarter, but historically has been detected above the standard.

#### 4.0 CONCLUSION AND RECOMMENDATIONS

This groundwater monitoring event included the gauging of all accessible DP and AP wells and sampling of all accessible wells that contained sufficient water. Based on the data collected, the following conclusions and recommendations are presented:

- Depth to groundwater ranged from 13.92 ft btoc in Sunset well 257-03 to 134.33 ft btoc in Dominguez 2 well 42-12.
- On average, regional aquifer groundwater elevations decreased by approximately one foot in the northern, central, and southern areas of the regional aquifer. In the southern perched aquifer, groundwater elevations generally decreased by a half foot.
- The groundwater flow direction in the northern area varied from southeast to east-northeast. In the central area, groundwater flowed generally to the southeast. Groundwater flow direction in the southern regional aquifer was to the south. Groundwater flow direction in the southern perched aquifer is to the southwest.
- The hydraulic gradient across the Dairies in the regional aquifer was approximately 0.001 ft/ft. The hydraulic gradient in the southern perched aquifer was approximately 0.004 ft/ft.
- Nitrate was below the NMWQCC standard of 10 mg/L in 10 of the 25 groundwater samples collected from the AP wells.
- Chloride and TDS generally remain at or above standards in regional aquifer wells upgradient of the northern, central, and southern portions of the plumes at the Dairies.
- Nitrate concentrations were below the NMWQCC standard in Dominguez Dairy well LRG-00590-S-6 and Organ Dairy well LRG-458 S.
- Dominguez Dairy well LRG-00591-S-2 resampled due to the first-time detection of nitrate above the NMWQCC standard in March 2022. The sample collected in May was above the standard with a concentration of 18 mg/L and is consistent with the previous quarter's nitrate concentration of 19 mg/L.
- The nitrate plume in the perched aquifer at Del Oro Dairy is not currently defined. A modified Abatement Plan proposal to address this has been approved by NMED and is being implemented.
- Implementation of the modified abatement plan proposal includes the removal of silt from AP well DAD-06 through redevelopment so that groundwater can be gauged and sampled.

## 5.0 REFERENCES

- Doña Ana Dairies. 2006. Letter Regarding Agreement for Joint Stage 1 and Stage 2 Abatement Plan and Storm Water and Wastewater Pond Upgrades. Letter from Mr. Michael Weatherly, Chairman, Doña Ana Dairies, to Mr. William Olson, Chief, Ground Water Quality Bureau. 30 October.
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**TABLES**

**(Provided in Electronic Format via CD Located on Front Cover of Report)**



**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
<b>NORTHERN AREA</b>						
<b>Northern Land Application Area</b>						
70-03	2-May-2022	424580.78	1510233.88	3871.43	59.10	3812.33
	7-Feb-2022				58.25	3813.18
	1-Nov-2021				58.71	3812.72
	4-Aug-2021				58.18	3813.25
	3-May-2021				57.34	3814.09
	10-Feb-2021				56.98	3814.45
	2-Nov-2020				57.56	3813.87
	10-Aug-2020				58.02	3813.41
	11-May-2020				57.18	3814.25
	4-Feb-2020				56.95	3814.48
	8-Nov-2019				57.10	3814.33
	1-Aug-2019				58.39	3813.04
	8-May-2019				57.97	3813.46
	19-Feb-2019				56.90	3814.53
	12-Nov-2018				57.16	3814.27
	6-Aug-2018				58.05	3813.38
	17-May-2018				57.26	3814.17
	5-Feb-2018				56.16	3815.27
	6-Nov-2017				56.89	3814.54
	8-Aug-2017				57.90	3813.53
	15-May-2017				58.20	3813.23
	6-Feb-2017				57.09	3814.34
	7-Nov-2016				58.05	3813.38
	15-Aug-2016				58.74	3812.69
	16-May-2016				58.50	3812.93
	9-Feb-2016				57.37	3814.06
	6-Nov-2015				58.03	3813.40
	5-Aug-2015				58.45	3812.98
	6-May-2015				57.82	3813.61
	5-Feb-2015				56.55	3814.88
	5-Nov-2014				57.25	3814.18
	12-Aug-2014				57.24	3814.19
	12-May-2014				56.58	3814.85
	12-Feb-2014				55.26	3816.17
	6-Nov-2013				55.93	3815.50
	6-Aug-2013				54.52	3816.91
	7-May-2013				53.87	3817.56
	7-Feb-2013				53.46	3817.97
	24-Oct-2012				54.05	3817.38
	30-Jul-2012				53.70	3817.73
23-Apr-2012	52.84	3818.59				
30-Jan-2012	51.41	3820.02				
8-Dec-2011	51.49	3819.94				
19-Jul-2011	50.77	3820.66				
20-Apr-2011	49.69	3821.74				
17-Jan-2011	48.70	3822.73				
14-Sep-2010	49.02	3822.41				
24-Jun-2010	48.99	3822.44				
22-Mar-2010	48.90	3822.53				
8-Dec-2009	48.72	3822.71				
28-Aug-2009	49.21	3822.22				
26-May-2009	48.91	3822.52				
11-Dec-2008	48.02	3823.41				
28-Sep-2008	48.06	3823.37				
11-Jun-2008	49.20	3822.23				
5-Feb-2008	47.95	3823.48				
14-Nov-2007	48.10	3823.33				
12-Sep-2007	48.70	3822.73				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
70/86/340-01	2-May-2022	427320.92	1508461.05	3866.77	52.69	3814.08
	7-Feb-2022				51.94	3814.83
	1-Nov-2021				52.33	3814.44
	4-Aug-2021				51.76	3815.01
	3-May-2021				51.18	3815.59
	10-Feb-2021				49.90	3816.87
	2-Nov-2020				51.00	3815.77
	10-Aug-2020				51.46	3815.31
	11-May-2020				51.15	3815.62
	4-Feb-2020				50.20	3816.57
	8-Nov-2019				50.44	3816.33
	1-Aug-2019				51.52	3815.25
	8-May-2019				51.31	3815.46
	19-Feb-2019				50.16	3816.61
	12-Nov-2018				50.26	3816.51
	6-Aug-2018				50.70	3816.07
	17-May-2018				50.25	3816.52
	5-Feb-2018				49.10	3817.67
	6-Nov-2017				49.58	3817.19
	8-Aug-2017				50.35	3816.42
	15-May-2017				51.40	3815.37
	6-Feb-2017				50.12	3816.65
	7-Nov-2016				51.02	3815.75
	15-Aug-2016				51.56	3815.21
	16-May-2016				51.48	3815.29
	9-Feb-2016				50.22	3816.55
	6-Nov-2015				51.02	3815.75
	5-Aug-2015				51.22	3815.55
	6-May-2015				50.90	3815.87
	5-Feb-2015				49.68	3817.09
	5-Nov-2014				50.67	3816.10
	12-Aug-2014				50.38	3816.39
	12-May-2014				49.94	3816.83
	12-Feb-2014				48.95	3817.82
	6-Nov-2013				49.21	3817.56
	6-Aug-2013				46.44	3820.33
	7-May-2013				46.79	3819.98
	7-Feb-2013				46.49	3820.28
	24-Oct-2012				47.30	3819.47
	30-Jul-2012				46.84	3819.93
23-Apr-2012	45.91	3820.86				
8-Dec-2011	45.17	3821.60				
19-Jul-2011	44.49	3822.28				
20-Apr-2011	43.15	3823.62				
17-Jan-2011	42.00	3824.77				
14-Sep-2010	41.79	3824.98				
24-Jun-2010	42.67	3824.10				
22-Mar-2010	42.21	3824.56				
8-Dec-2009	42.02	3824.75				
28-Aug-2009	42.39	3824.38				
26-May-2009	42.33	3824.44				
11-Dec-2008	41.15	3825.62				
28-Sep-2008	41.58	3825.19				
11-Jun-2008	42.31	3824.46				
5-Feb-2008	41.07	3825.70				
14-Nov-2007	41.38	3825.39				
12-Sep-2007	41.46	3825.31				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
86/340-01	2-May-2022	432021.33	1503216.90	3876.14	59.20	3816.94
	7-Feb-2022				58.41	3817.73
	1-Nov-2021				58.78	3817.36
	4-Aug-2021				58.01	3818.13
	3-May-2021				57.21	3818.93
	10-Feb-2021				56.92	3819.22
	2-Nov-2020				57.08	3819.06
	10-Aug-2020				56.96	3819.18
	11-May-2020				57.00	3819.14
	4-Feb-2020				56.41	3819.73
	8-Nov-2019				56.83	3819.31
	1-Aug-2019				57.87	3818.27
	8-May-2019				57.95	3818.19
	19-Feb-2019				56.61	3819.53
	12-Nov-2018				57.17	3818.97
	6-Aug-2018				56.98	3819.16
	17-May-2018				57.00	3819.14
	5-Feb-2018				55.09	3821.05
	6-Nov-2017				55.91	3820.23
	8-Aug-2017				57.30	3818.84
	15-May-2017				58.13	3818.01
	6-Feb-2017				56.49	3819.65
	7-Nov-2016				57.58	3818.56
	15-Aug-2016				58.36	3817.78
	16-May-2016				58.48	3817.66
	9-Feb-2016				56.93	3819.21
	6-Nov-2015				57.83	3818.31
	5-Aug-2015				57.73	3818.41
	6-May-2015				57.74	3818.40
	5-Feb-2015				56.32	3819.82
	5-Nov-2014				57.31	3818.83
	12-Aug-2014				57.28	3818.86
	12-May-2014				57.04	3819.10
	12-Feb-2014				55.10	3821.04
	6-Nov-2013				55.78	3820.36
	6-Aug-2013				53.29	3822.85
	7-May-2013				52.65	3823.49
	7-Feb-2013				52.31	3823.83
	24-Oct-2012				53.16	3822.98
	30-Jul-2012				52.70	3823.44
23-Apr-2012	52.20	3823.94				
30-Jan-2012	51.10	3825.04				
8-Dec-2011	51.20	3824.94				
19-Jul-2011	50.36	3825.78				
20-Apr-2011	48.91	3827.23				
17-Jan-2011	47.00	3829.14				
14-Sep-2010	47.63	3828.51				
24-Jun-2010	48.22	3827.92				
22-Mar-2010	47.66	3828.48				
8-Dec-2009	47.39	3828.75				
28-Aug-2009	47.75	3828.39				
26-May-2009	47.86	3828.28				
11-Dec-2008	46.68	3829.46				
28-Sep-2008	47.44	3828.70				
11-Jun-2008	48.11	3828.03				
5-Feb-2008	46.68	3829.46				
14-Nov-2007	47.11	3829.03				
12-Sep-2007	47.85	3828.29				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
<b>Organ Dairy (Formerly known as Del Norte Dairy and Daybreak Dairy)</b>						
126-04	5-May-2022	423258.23	1510546.24	3850.31	37.41	3812.90
	24-Feb-2022				36.20	3814.11
	9-Nov-2021				36.75	3813.56
	11-Aug-2021				36.60	3813.71
	4-May-2021				35.85	3814.46
	9-Feb-2021				34.95	3815.36
	10-Nov-2020				35.70	3814.61
	12-Aug-2020				36.13	3814.18
	11-May-2020				35.98	3814.33
	4-Feb-2020				35.35	3814.96
	8-Nov-2019				35.44	3814.87
	1-Aug-2019				36.75	3813.56
	8-May-2019				36.30	3814.01
	19-Feb-2019				35.32	3814.99
	12-Nov-2018				35.56	3814.75
	6-Aug-2018				36.34	3813.97
	17-May-2018				35.75	3814.56
	5-Feb-2018				34.67	3815.64
	6-Nov-2017				35.47	3814.84
	7-Aug-2017				36.60	3813.71
	15-May-2017				36.60	3813.71
	6-Feb-2017				35.61	3814.70
	7-Nov-2016				36.52	3813.79
	15-Aug-2016				37.28	3813.03
	16-May-2016				37.06	3813.25
	9-Feb-2016				38.20	3812.11
	5-Nov-2015				36.51	3813.80
	5-Aug-2015				37.00	3813.31
	6-May-2015				36.30	3814.01
	5-Feb-2015				35.06	3815.25
	5-Nov-2014				35.62	3814.69
	12-Aug-2014				35.61	3814.70
	12-May-2014				34.98	3815.33
	12-Feb-2014				33.79	3816.52
	6-Nov-2013				34.32	3815.99
	6-Aug-2013				32.93	3817.38
	7-May-2013				32.01	3818.30
	7-Feb-2013				32.05	3818.26
	24-Oct-2012				32.58	3817.73
	30-Jul-2012				32.23	3818.08
23-Apr-2012	31.46	3818.85				
26-Jan-2012	30.89	3819.42				
8-Dec-2011	30.84	3819.47				
19-Jul-2011	30.26	3820.05				
20-Apr-2011	29.09	3821.22				
17-Jan-2011	28.20	3822.11				
14-Sep-2010	28.60	3821.71				
24-Jun-2010	28.21	3822.10				
22-Mar-2010	28.33	3821.98				
8-Dec-2009	28.17	3822.14				
28-Aug-2009	28.50	3821.81				
26-May-2009	28.30	3822.01				
11-Dec-2008	27.56	3822.75				
27-Sep-2008	27.96	3822.35				
10-Jun-2008	28.61	3821.70				
6-Feb-2008	27.53	3822.78				
14-Nov-2007	27.61	3822.70				
11-Sep-2007	28.19	3822.12				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
126-05	5-May-2022	422293.26	1510649.84	3842.62	28.20	3814.42
	24-Feb-2022				28.27	3814.35
	9-Nov-2021				28.00	3814.62
	11-Aug-2021				28.10	3814.52
	4-May-2021				27.40	3815.22
	9-Feb-2021				28.60	3814.02
	10-Nov-2020				26.85	3815.77
	12-Aug-2020				27.45	3815.17
	11-May-2020				29.35	3813.27
	4-Feb-2020				28.48	3814.14
	8-Nov-2019				27.71	3814.91
	1-Aug-2019				28.31	3814.31
	8-May-2019				28.04	3814.58
	19-Feb-2019				27.25	3815.37
	12-Nov-2018				27.08	3815.54
	6-Aug-2018				27.53	3815.09
	17-May-2018				27.53	3815.09
	5-Feb-2018				26.59	3816.03
	6-Nov-2017				27.15	3815.47
	7-Aug-2017				28.39	3814.23
	15-May-2017				28.59	3814.03
	6-Feb-2017				27.91	3814.71
	7-Nov-2016				28.45	3814.17
	15-Aug-2016				29.25	3813.37
	16-May-2016				29.48	3813.14
	9-Feb-2016				28.32	3814.30
	5-Nov-2015				28.80	3813.82
	5-Aug-2015				29.38	3813.24
	6-May-2015				28.87	3813.75
	5-Feb-2015				27.65	3814.97
	5-Nov-2014				27.95	3814.67
	12-Aug-2014				27.85	3814.77
	12-May-2014				27.63	3814.99
	12-Feb-2014				26.34	3816.28
	6-Nov-2013				26.67	3815.95
	6-Aug-2013				25.20	3817.42
	7-May-2013				24.65	3817.97
	7-Feb-2013				24.71	3817.91
	24-Oct-2012				24.96	3817.66
	30-Jul-2012				24.73	3817.89
23-Apr-2012	24.21	3818.41				
26-Jan-2012	23.52	3819.10				
8-Dec-2011	23.50	3819.12				
19-Jul-2011	22.72	3819.90				
20-Apr-2011	21.74	3820.88				
21-Jan-2011	21.30	3821.32				
14-Sep-2010	20.91	3821.71				
24-Jun-2010	21.13	3821.49				
22-Mar-2010	21.06	3821.56				
8-Dec-2009	20.88	3821.74				
28-Aug-2009	20.83	3821.79				
26-May-2009	20.91	3821.71				
11-Dec-2008	20.29	3822.33				
27-Sep-2008	20.42	3822.20				
10-Jun-2008	21.26	3821.36				
6-Feb-2008	20.34	3822.28				
14-Nov-2007	20.32	3822.30				
11-Sep-2007	20.74	3821.88				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
126-07	5-May-2022	423613.62	1509986.47	3850.94	37.84	3813.10
	24-Feb-2022				36.54	3814.40
	9-Nov-2021				37.00	3813.94
	11-Aug-2021				36.55	3814.39
	4-May-2021				35.90	3815.04
	9-Feb-2021				35.10	3815.84
	10-Nov-2020				35.70	3815.24
	12-Aug-2020				36.09	3814.85
	11-May-2020				36.16	3814.78
	4-Feb-2020				35.55	3815.39
	8-Nov-2019				35.66	3815.28
	1-Aug-2019				36.76	3814.18
	8-May-2019				36.40	3814.54
	19-Feb-2019				35.50	3815.44
	12-Nov-2018				35.67	3815.27
	6-Aug-2018				36.38	3814.56
	17-May-2018				35.74	3815.20
	5-Feb-2018				34.80	3816.14
	6-Nov-2017				35.45	3815.49
	7-Aug-2017				36.76	3814.18
	15-May-2017				36.85	3814.09
	6-Feb-2017				35.95	3814.99
	7-Nov-2016				36.79	3814.15
	15-Aug-2016				37.54	3813.40
	16-May-2016				37.36	3813.58
	9-Feb-2016				36.33	3814.61
	5-Nov-2015				36.94	3814.00
	5-Aug-2015				37.39	3813.55
	6-May-2015				36.68	3814.26
	5-Feb-2015				35.62	3815.32
	5-Nov-2014				36.34	3814.60
	12-Aug-2014				36.22	3814.72
	12-May-2014				35.52	3815.42
	12-Feb-2014				34.38	3816.56
	6-Nov-2013				34.89	3816.05
	6-Aug-2013				32.46	3818.48
	7-May-2013				32.33	3818.61
	7-Feb-2013				32.58	3818.36
	24-Oct-2012				32.97	3817.97
	30-Jul-2012				32.60	3818.34
23-Apr-2012	31.84	3819.10				
26-Jan-2012	31.23	3819.71				
8-Dec-2011	31.28	3819.66				
19-Jul-2011	30.30	3820.64				
20-Apr-2011	28.59	3822.35				
27-Jan-2011	28.43	3822.51				
14-Sep-2010	28.45	3822.49				
24-Jun-2010	28.74	3822.20				
22-Mar-2010	28.57	3822.37				
8-Dec-2009	28.37	3822.57				
28-Aug-2009	28.61	3822.33				
26-May-2009	28.47	3822.47				
11-Dec-2008	27.70	3823.24				
27-Sep-2008	27.97	3822.97				
10-Jun-2008	28.78	3822.16				
6-Feb-2008	27.71	3823.23				
14-Nov-2007	27.63	3823.31				
11-Sep-2007	28.06	3822.88				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
126-09	5-May-2022	425154.15	1510994.31	3893.35	80.91	3812.44
	24-Feb-2022				79.55	3813.80
	9-Nov-2021				80.40	3812.95
	11-Aug-2021				80.60	3812.75
	4-May-2021				79.50	3813.85
	9-Feb-2021				78.50	3814.85
	10-Nov-2020				79.50	3813.85
	12-Aug-2020				80.00	3813.35
	11-May-2020				80.31	3813.04
	4-Feb-2020				79.67	3813.68
	8-Nov-2019				79.08	3814.27
	1-Aug-2019				80.45	3812.90
	8-May-2019				79.95	3813.40
	19-Feb-2019				78.70	3814.65
	12-Nov-2018				79.00	3814.35
	6-Aug-2018				80.10	3813.25
	17-May-2018				79.28	3814.07
	5-Feb-2018				77.87	3815.48
	6-Nov-2017				78.83	3814.52
	7-Aug-2017				79.61	3813.74
	15-May-2017				79.78	3813.57
	6-Feb-2017				77.00	3816.35
	7-Nov-2016				79.62	3813.73
	15-Aug-2016				80.33	3813.02
	16-May-2016				80.00	3813.35
	9-Feb-2016				78.58	3814.77
	5-Nov-2015				79.27	3814.08
	5-Aug-2015				79.72	3813.63
	6-May-2015				79.01	3814.34
	5-Feb-2015				77.53	3815.82
	5-Nov-2014				78.21	3815.14
	12-Aug-2014				78.15	3815.20
	12-May-2014				77.70	3815.65
	12-Feb-2014				76.14	3817.21
	6-Nov-2013				76.91	3816.44
	6-Aug-2013				76.09	3817.26
	7-May-2013				75.40	3817.95
	7-Feb-2013				74.61	3818.74
	24-Oct-2012				75.29	3818.06
	30-Jul-2012				74.98	3818.37
23-Apr-2012	73.98	3819.37				
26-Jan-2012	72.24	3821.11				
8-Dec-2011	73.34	3820.01				
19-Jul-2011	73.19	3820.16				
20-Apr-2011	72.11	3821.24				
21-Jan-2011	71.00	3822.35				
14-Sep-2010	71.52	3821.83				
29-Jun-2010	72.23	3821.12				
22-Mar-2010	71.03	3822.32				
8-Dec-2009	70.94	3822.41				
28-Aug-2009	71.73	3821.62				
26-May-2009	71.12	3822.23				
11-Dec-2008	70.27	3823.08				
27-Sep-2008	70.79	3822.56				
10-Jun-2008	71.47	3821.88				
6-Feb-2008	70.08	3823.27				
14-Nov-2007	70.46	3822.89				
11-Sep-2007	71.39	3821.96				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
126-12	5-May-2022	421492.11	1510198.45	3838.88	24.26	3814.62
	24-Feb-2022				23.55	3815.33
	9-Nov-2021				22.86	3816.02
	11-Aug-2021				22.60	3816.28
	4-May-2021				22.15	3816.73
	9-Feb-2021				22.00	3816.88
	10-Nov-2020				21.50	3817.38
	12-Aug-2020				21.61	3817.27
	11-May-2020				22.70	3816.18
	4-Feb-2020				22.50	3816.38
	8-Nov-2019				21.69	3817.19
	1-Aug-2019				22.84	3816.04
	8-May-2019				22.70	3816.18
	19-Feb-2019				22.50	3816.38
	12-Nov-2018				21.94	3816.94
	6-Aug-2018				21.56	3817.32
	17-May-2018				Covered in dirt	
	5-Feb-2018				21.85	3817.03
	6-Nov-2017				21.90	3816.98
	7-Aug-2017				23.26	3815.62
	15-May-2017				23.65	3815.23
	6-Feb-2017				23.62	3815.26
	7-Nov-2016				23.59	3815.29
	15-Aug-2016				24.52	3814.36
	16-May-2016				24.84	3814.04
	9-Feb-2016				24.41	3814.47
	5-Nov-2015				24.05	3814.83
	5-Aug-2015				25.02	3813.86
	6-May-2015				24.78	3814.10
	5-Feb-2015				23.86	3815.02
	5-Nov-2014				23.65	3815.23
	14-Aug-2014				23.37	3815.51
	12-May-2014				23.60	3815.28
	12-Feb-2014				22.46	3816.42
	6-Nov-2013				22.39	3816.49
	6-Aug-2013				21.44	3817.44
	7-May-2013				21.05	3817.83
	7-Feb-2013				20.92	3817.96
	24-Oct-2012				20.53	3818.35
	30-Jul-2012				20.48	3818.40
	23-Apr-2012				20.22	3818.66
	30-Jan-2012				19.79	3819.09
	8-Dec-2011				19.55	3819.33
	19-Jul-2011				18.27	3820.61
	20-Apr-2011				17.62	3821.26
	17-Jan-2011				17.00	3821.88
	16-Sep-2010				16.48	3822.40
24-Jun-2010	17.30	3821.58				
24-Jun-2010	17.30	3821.58				
22-Mar-2010	17.19	3821.69				
8-Dec-2009	16.99	3821.89				
28-Aug-2009	16.49	3822.39				
26-May-2009	16.85	3822.03				
11-Dec-2008	16.37	3822.51				
27-Sep-2008	16.29	3822.59				
10-Jun-2008	17.19	3821.69				
6-Feb-2008	16.62	3822.26				
14-Nov-2007	16.33	3822.55				
11-Sep-2007	16.56	3822.32				



**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
126-13	5-May-2022	423431.96	1510657.41	3857.37	44.54	3812.83
	24-Feb-2022				43.30	3814.07
	9-Nov-2021				43.90	3813.47
	11-Aug-2021				43.80	3813.57
	4-May-2021				43.05	3814.32
	9-Feb-2021				42.10	3815.27
	10-Nov-2020				42.80	3814.57
	12-Aug-2020				43.31	3814.06
	11-May-2020				43.03	3814.34
	4-Feb-2020				42.42	3814.95
	8-Nov-2019				42.75	3814.62
	1-Aug-2019				43.91	3813.46
	8-May-2019				43.48	3813.89
	19-Feb-2019				42.45	3814.92
	12-Nov-2018				42.70	3814.67
	6-Aug-2018				43.52	3813.85
	17-May-2018				42.90	3814.47
	5-Feb-2018				41.78	3815.59
	6-Nov-2017				42.61	3814.76
	7-Aug-2017				43.70	3813.67
	15-May-2017				43.74	3813.63
	6-Feb-2017				42.64	3814.73
	7-Nov-2016				43.60	3813.77
	15-Aug-2016				44.35	3813.02
	16-May-2016				44.13	3813.24
	9-Feb-2016				42.93	3814.44
	5-Nov-2015				43.55	3813.82
	5-Aug-2015				44.00	3813.37
	6-May-2015				43.34	3814.03
	5-Feb-2015				42.05	3815.32
	5-Nov-2014				42.63	3814.74
	12-Aug-2014				42.60	3814.77
	12-May-2014				42.04	3815.33
	12-Feb-2014				40.78	3816.59
	6-Nov-2013				41.35	3816.02
	6-Aug-2013				39.96	3817.41
	7-May-2013				39.01	3818.36
	7-Feb-2013				39.07	3818.30
	24-Oct-2012				39.60	3817.77
	30-Jul-2012				39.30	3818.07
23-Apr-2012	38.52	3818.85				
26-Jan-2012	37.80	3819.57				
8-Dec-2011	37.86	3819.51				
19-Jul-2011	37.29	3820.08				
20-Apr-2011	35.23	3822.14				
13-Jan-2011	35.23	3822.14				
14-Sep-2010	35.66	3821.71				
24-Jun-2010	36.01	3821.36				
22-Mar-2010	35.40	3821.97				
8-Dec-2009	35.24	3822.13				
28-Aug-2009	35.60	3821.77				
26-May-2009	35.37	3822.00				
11-Dec-2008	34.62	3822.75				
27-Sep-2008	34.99	3822.38				
10-Jun-2008	35.69	3821.68				
6-Feb-2008	NA	NA				
14-Nov-2007	16.33	3841.04				
11-Sep-2007	NA	NA				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
<b>Mountain View Dairy</b>						
70-01	2-May-2022	423303.43	1510585.63	3851.84	38.55	3813.29
	7-Feb-2022				37.80	3814.04
	1-Nov-2021				38.21	3813.63
	4-Aug-2021				37.95	3813.89
	3-May-2021				37.50	3814.34
	10-Feb-2021				36.89	3814.95
	2-Nov-2020				37.35	3814.49
	10-Aug-2020				37.85	3813.99
	11-May-2020				37.29	3814.55
	4-Feb-2020				36.92	3814.92
	8-Nov-2019				37.41	3814.43
	1-Aug-2019				38.34	3813.50
	8-May-2019				37.90	3813.94
	19-Feb-2019				36.90	3814.94
	12-Nov-2018				37.15	3814.69
	6-Aug-2018				37.95	3813.89
	17-May-2018				37.34	3814.50
	5-Feb-2018				36.25	3815.59
	6-Nov-2017				37.05	3814.79
	8-Aug-2017				38.17	3813.67
	15-May-2017				38.22	3813.62
	6-Feb-2017				37.16	3814.68
	22-Nov-2016				37.93	3813.91
	15-Aug-2016				38.85	3812.99
	16-May-2016				38.62	3813.22
	9-Feb-2016				37.43	3814.41
	6-Nov-2015				38.07	3813.77
	5-Aug-2015				38.59	3813.25
	6-May-2015				37.85	3813.99
	5-Feb-2015				36.61	3815.23
	5-Nov-2014				37.17	3814.67
	12-Aug-2014				37.18	3814.66
	12-May-2014				36.56	3815.28
	12-Feb-2014				35.33	3816.51
	6-Nov-2013				35.67	3816.17
	6-Aug-2013				34.19	3817.65
	7-May-2013				34.06	3817.78
	7-Feb-2013				33.58	3818.26
	24-Oct-2012				34.08	3817.76
	30-Jul-2012				33.80	3818.04
23-Apr-2012	33.09	3818.75				
26-Jan-2012	32.29	3819.55				
8-Dec-2011	32.40	3819.44				
9-Jul-2011	31.77	3820.07				
20-Apr-2011	30.69	3821.15				
17-Jan-2011	29.72	3822.12				
14-Sep-2010	30.19	3821.65				
24-Jun-2010	29.30	3822.54				
22-Mar-2010	Unable to open well					
8-Dec-2009	29.75	3822.09				
28-Aug-2009	30.08	3821.76				
26-May-2009	29.88	3821.96				
11-Dec-2008	29.13	3822.71				
27-Sep-2008	29.79	3822.05				
10-Jun-2008	30.20	3821.64				
5-Feb-2008	29.10	3822.74				
13-Nov-2007	29.25	3822.59				
12-Sep-2007	29.77	3822.07				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
70-02	2-May-2022	423412.73	1511192.51	3861.25	48.65	3812.60
	7-Feb-2022				47.83	3813.42
	1-Nov-2021				48.08	3813.17
	4-Aug-2021				47.76	3813.49
	3-May-2021				47.11	3814.14
	10-Feb-2021				46.79	3814.46
	2-Nov-2020				47.20	3814.05
	10-Aug-2020				47.67	3813.58
	11-May-2020				47.26	3813.99
	4-Feb-2020				46.60	3814.65
	8-Nov-2019				47.13	3814.12
	1-Aug-2019				48.17	3813.08
	8-May-2019				47.70	3813.55
	19-Feb-2019				46.64	3814.61
	12-Nov-2018				46.90	3814.35
	6-Aug-2018				47.78	3813.47
	17-May-2018				47.19	3814.06
	5-Feb-2018				45.97	3815.28
	6-Nov-2017				46.85	3814.40
	8-Aug-2017				47.85	3813.40
	15-May-2017				47.93	3813.32
	6-Feb-2017				46.70	3814.55
	7-Nov-2016				47.74	3813.51
	15-Aug-2016				48.46	3812.79
	16-May-2016				48.26	3812.99
	9-Feb-2016				46.96	3814.29
	6-Nov-2015				47.58	3813.67
	5-Aug-2015				48.06	3813.19
	6-May-2015				47.40	3813.85
	5-Feb-2015				46.00	3815.25
	5-Nov-2014				46.67	3814.58
	13-Aug-2014				46.73	3814.52
	12-May-2014				46.08	3815.17
	12-Feb-2014				44.75	3816.50
	6-Nov-2013				45.31	3815.94
	6-Aug-2013				43.87	3817.38
	7-May-2013				43.16	3818.09
	7-Feb-2013				43.13	3818.12
	24-Oct-2012				43.66	3817.59
	30-Jul-2012				43.33	3817.92
23-Apr-2012	42.60	3818.65				
26-Jan-2012	41.81	3819.44				
8-Dec-2011	41.89	3819.36				
19-Jul-2011	41.52	3819.73				
20-Apr-2011	40.46	3820.79				
17-Jan-2011	38.90	3822.35				
14-Sep-2010	39.96	3821.29				
24-Jun-2010	39.01	3822.24				
22-Mar-2010	39.54	3821.71				
8-Dec-2009	39.42	3821.83				
28-Aug-2009	39.81	3821.44				
26-May-2009	39.56	3821.69				
11-Dec-2008	38.84	3822.41				
27-Sep-2008	39.20	3822.05				
10-Jun-2008	39.90	3821.35				
6-Feb-2008	39.77	3821.48				
14-Nov-2007	39.01	3822.24				
11-Sep-2007	39.60	3821.65				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
70-04	2-May-2022	422798.94	1510922.20	3849.81	36.78	3813.03
	7-Feb-2022				35.90	3813.91
	1-Nov-2021				36.11	3813.70
	4-Aug-2021				35.89	3813.92
	3-May-2021				35.41	3814.40
	10-Feb-2021				34.66	3815.15
	2-Nov-2020				35.15	3814.66
	10-Aug-2020				35.75	3814.06
	11-May-2020				35.71	3814.10
	4-Feb-2020				34.95	3814.86
	8-Nov-2019				35.03	3814.78
	1-Aug-2019				36.35	3813.46
	8-May-2019				35.47	3814.34
	19-Feb-2019				35.00	3814.81
	12-Nov-2018				35.09	3814.72
	6-Aug-2018				35.90	3813.91
	17-May-2018				35.55	3814.26
	5-Feb-2018				34.36	3815.45
	6-Nov-2017				35.11	3814.70
	8-Aug-2017				36.22	3813.59
	15-May-2017				36.36	3813.45
	6-Feb-2017				35.31	3814.50
	7-Nov-2016				36.15	3813.66
	15-Aug-2016				36.92	3812.89
	16-May-2016				36.90	3812.91
	9-Feb-2016				35.63	3814.18
	6-Nov-2015				36.17	3813.64
	5-Aug-2015				36.74	3813.07
	6-May-2015				36.13	3813.68
	5-Feb-2015				34.78	3815.03
5-Nov-2014	35.20	3814.61				
13-Aug-2014	35.31	3814.50				
12-May-2014	34.81	3815.00				
12-Feb-2014	33.52	3816.29				
7-Nov-2013	34.05	3815.76				
6-Aug-2013	32.03	3817.78				
7-May-2013	31.80	3818.01				
7-Feb-2013	31.85	3817.96				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
<b>Buena Vista Dairy I</b>						
86-01	2-May-2022	421534.62	1511667.76	3864.96	51.78	3813.18
	7-Feb-2022				50.92	3814.04
	1-Nov-2021				50.89	3814.07
	4-Aug-2021				50.66	3814.30
	3-May-2021				50.40	3814.56
	10-Feb-2021				50.02	3814.94
	2-Nov-2020				50.29	3814.67
	10-Aug-2020				51.10	3813.86
	11-May-2020				51.43	3813.53
	4-Feb-2020				50.07	3814.89
	8-Nov-2019				50.00	3814.96
	1-Aug-2019				51.19	3813.77
	8-May-2019				50.91	3814.05
	19-Feb-2019				50.15	3814.81
	12-Nov-2018				50.04	3814.92
	6-Aug-2018				50.62	3814.34
	17-May-2018				50.71	3814.25
	5-Feb-2018				49.60	3815.36
	6-Nov-2017				50.25	3814.71
	7-Aug-2017				51.12	3813.84
	15-May-2017				51.43	3813.53
	6-Feb-2017				50.60	3814.36
	7-Nov-2016				51.26	3813.70
	15-Aug-2016				51.89	3813.07
	16-May-2016				52.08	3812.88
	9-Feb-2016				51.00	3813.96
	5-Nov-2015				51.43	3813.53
	5-Aug-2015				51.83	3813.13
	6-May-2015				51.44	3813.52
	5-Feb-2015				50.13	3814.83
	5-Nov-2014				50.40	3814.56
	13-Aug-2014				50.29	3814.67
	12-May-2014				50.20	3814.76
	17-Feb-2014				48.87	3816.09
	6-Nov-2013				42.33	3822.63
	6-Aug-2013				47.43	3817.53
	7-May-2013				47.21	3817.75
	7-Feb-2013				47.35	3817.61
	24-Oct-2012				47.61	3817.35
	30-Jul-2012				47.26	3817.70
23-Apr-2012	46.86	3818.10				
30-Jan-2012	46.34	3818.62				
8-Dec-2011	46.22	3818.74				
19-Jul-2011	45.66	3819.30				
20-Apr-2011	44.28	3820.68				
17-Jan-2011	44.30	3820.66				
16-Sep-2010	44.09	3820.87				
24-Jun-2010	44.39	3820.57				
22-Mar-2010	44.19	3820.77				
8-Dec-2009	43.89	3821.07				
28-Aug-2009	43.96	3821.00				
26-May-2009	44.03	3820.93				
11-Dec-2008	43.53	3821.43				
28-Sep-2008	43.60	3821.36				
10-Jun-2008	44.44	3820.52				
5-Feb-2008	43.69	3821.27				
13-Nov-2007	43.78	3821.18				
12-Sep-2007	44.21	3820.75				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
86-02	2-May-2022	421792.08	1510881.53	3848.08	34.00	3814.08
	7-Feb-2022				33.08	3815.00
	1-Nov-2021				32.84	3815.24
	4-Aug-2021				32.59	3815.49
	3-May-2021				32.31	3815.77
	10-Feb-2021				32.09	3815.99
	2-Nov-2020				32.11	3815.97
	10-Aug-2020				32.21	3815.87
	11-May-2020				32.90	3815.18
	4-Feb-2020				32.20	3815.88
	8-Nov-2019				32.89	3815.19
	1-Aug-2019				33.00	3815.08
	8-May-2019				32.81	3815.27
	19-Feb-2019				32.27	3815.81
	12-Nov-2018				31.95	3816.13
	6-Aug-2018				32.15	3815.93
	17-May-2018				32.49	3815.59
	5-Feb-2018				31.66	3816.42
	6-Nov-2017				32.05	3816.03
	7-Aug-2017				33.08	3815.00
	15-May-2017				33.50	3814.58
	6-Feb-2017				33.09	3814.99
	7-Nov-2016				33.40	3814.68
	15-Aug-2016				34.15	3813.93
	16-May-2016				34.45	3813.63
	9-Feb-2016				33.64	3814.44
	5-Nov-2015				33.87	3814.21
	5-Aug-2015				34.35	3813.73
	6-May-2015				33.97	3814.11
	5-Feb-2015				32.88	3815.20
	5-Nov-2014				33.01	3815.07
	12-Aug-2014				32.62	3815.46
	12-May-2014				32.70	3815.38
	12-Feb-2014				31.62	3816.46
	6-Nov-2013				31.68	3816.40
	6-Aug-2013				30.37	3817.71
	7-May-2013				30.13	3817.95
	7-Feb-2013				30.07	3818.01
	24-Oct-2012				29.71	3818.37
	30-Jul-2012				29.71	3818.37
	23-Apr-2012				29.43	3818.65
	30-Jan-2012				28.94	3819.14
	8-Dec-2011				28.77	3819.31
	19-Jul-2011				27.74	3820.34
	20-Apr-2011				27.18	3820.90
	17-Jan-2011				26.34	3821.74
	16-Sep-2010				26.18	3821.90
	24-Jun-2010				26.79	3821.29
	22-Mar-2010				26.54	3821.54
	8-Dec-2009				26.33	3821.75
	28-Aug-2009				26.11	3821.97
	26-May-2009				26.29	3821.79
	11-Dec-2008				25.77	3822.31
	28-Sep-2008				25.78	3822.3
	10-Jun-2008				26.65	3821.43
	5-Feb-2008				26.95	3821.13
	13-Nov-2007				25.88	3822.2
	12-Sep-2007				26.19	3821.89

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
<b>Bright Star Dairy</b>						
340-01	2-May-2022	421410.13	1511423.42	3858.48	44.84	3813.64
	7-Feb-2022				44.02	3814.46
	1-Nov-2021				43.80	3814.68
	4-Aug-2021				43.56	3814.92
	3-May-2021				43.26	3815.22
	10-Feb-2021				42.78	3815.70
	2-Nov-2020				43.01	3815.47
	10-Aug-2020				43.31	3815.17
	11-May-2020				43.89	3814.59
	4-Feb-2020				43.12	3815.36
	8-Nov-2019				43.03	3815.45
	1-Aug-2019				44.00	3814.48
	8-May-2019				43.77	3814.71
	19-Feb-2019				43.18	3815.30
	12-Nov-2018				42.93	3815.55
	6-Aug-2018				43.18	3815.30
	17-May-2018				43.66	3814.82
	5-Feb-2018				42.66	3815.82
	6-Nov-2017				43.15	3815.33
	8-Aug-2017				44.00	3814.48
	15-May-2017				44.49	3813.99
	6-Feb-2017				43.92	3814.56
	7-Nov-2016				44.31	3814.17
	15-Aug-2016				44.97	3813.51
	16-May-2016				45.23	3813.25
	9-Feb-2016				44.37	3814.11
	6-Nov-2015				44.60	3813.88
	5-Aug-2015				45.01	3813.47
	6-May-2015				44.62	3813.86
	5-Feb-2015				43.56	3814.92
	5-Nov-2014				43.66	3814.82
	12-Aug-2014				43.32	3815.16
	12-May-2014				43.49	3814.99
	12-Feb-2014				42.30	3816.18
	6-Nov-2013				42.33	3816.15
	6-Aug-2013				41.21	3817.27
	7-May-2013				40.80	3817.68
	7-Feb-2013				40.75	3817.73
	24-Oct-2012				40.82	3817.66
	30-Jul-2012				40.44	3818.04
23-Apr-2012	40.16	3818.32				
25-Jan-2012	39.70	3818.78				
8-Dec-2011	39.54	3818.94				
19-Jul-2011	38.74	3819.74				
20-Apr-2011	38.14	3820.34				
17-Jan-2011	37.33	3821.15				
14-Sep-2010	37.20	3821.28				
24-Jun-2010	38.05	3820.43				
22-Mar-2010	37.48	3821.00				
8-Dec-2009	37.26	3821.22				
28-Aug-2009	37.10	3821.38				
26-May-2009	37.26	3821.22				
11-Dec-2008	36.79	3821.69				
27-Sep-2008	36.77	3821.71				
10-Jun-2008	37.63	3820.85				
6-Feb-2008	37.03	3821.45				
14-Nov-2007	37.00	3821.48				
11-Sep-2007	37.36	3821.12				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
340-02	2-May-2022	420641.08	1512051.57	3869.76	56.11	3813.65
	7-Feb-2022				55.56	3814.20
	1-Nov-2021				55.08	3814.68
	4-Aug-2021				54.85	3814.91
	3-May-2021				54.77	3814.99
	10-Feb-2021				54.21	3815.55
	2-Nov-2020				54.36	3815.40
	10-Aug-2020				54.75	3815.01
	11-May-2020				55.31	3814.45
	4-Feb-2020				54.70	3815.06
	8-Nov-2019				54.40	3815.36
	1-Aug-2019				55.39	3814.37
	8-May-2019				55.20	3814.56
	19-Feb-2019				54.67	3815.09
	12-Nov-2018				54.45	3815.31
	6-Aug-2018				54.46	3815.30
	17-May-2018				55.35	3814.41
	5-Feb-2018				54.27	3815.49
	6-Nov-2017				54.74	3815.02
	8-Aug-2017				55.60	3814.16
	15-May-2017				56.00	3813.76
	6-Feb-2017				55.43	3814.33
	7-Nov-2016				55.78	3813.98
	15-Aug-2016				56.52	3813.24
	16-May-2016				56.40	3813.36
	9-Feb-2016				55.84	3813.92
	6-Nov-2015				56.01	3813.75
	5-Aug-2015				56.46	3813.30
	6-May-2015				56.10	3813.66
	5-Feb-2015				55.00	3814.76
	5-Nov-2014				55.05	3814.71
	12-Aug-2014				54.65	3815.11
	12-May-2014				54.80	3814.96
	12-Feb-2014				53.80	3815.96
	6-Nov-2013				53.59	3816.17
	6-Aug-2013				52.92	3816.84
	7-May-2013				52.34	3817.42
	7-Feb-2013				52.29	3817.47
	24-Oct-2012				52.26	3817.50
	30-Jul-2012				51.67	3818.09
23-Apr-2012	51.61	3818.15				
25-Jan-2012	51.31	3818.45				
8-Dec-2011	51.07	3818.69				
19-Jul-2011	50.24	3819.52				
20-Apr-2011	48.86	3820.90				
17-Jan-2011	49.00	3820.76				
14-Sep-2010	48.80	3820.96				
24-Jun-2010	49.67	3820.09				
22-Mar-2010	49.17	3820.59				
8-Dec-2009	49.03	3820.73				
28-Aug-2009	48.79	3820.97				
26-May-2009	48.94	3820.82				
11-Dec-2008	48.62	3821.14				
28-Sep-2008	48.48	3821.28				
10-Jun-2008	49.30	3820.46				
5-Feb-2008	48.90	3820.86				
14-Nov-2007	48.84	3820.92				
12-Sep-2007	49.28	3820.48				



**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
<b>Former D&amp;J Dairy (Dominguez 2)</b>						
42-02	2-May-2022	419982.45	1511126.19	3844.69	28.99	3815.70
	7-Feb-2022				28.09	3816.60
	1-Nov-2021				27.15	3817.54
	4-Aug-2021				26.90	3817.79
	3-May-2021				27.09	3817.60
	10-Feb-2021				26.82	3817.87
	2-Nov-2020				26.03	3818.66
	10-Aug-2020				27.90	3816.79
	11-May-2020				28.29	3816.40
	4-Feb-2020				27.68	3817.01
	8-Nov-2019				24.83	3819.86
	5-Aug-2019				26.81	3817.88
	8-May-2019				27.50	3817.19
	19-Feb-2019				27.30	3817.39
	13-Nov-2018				27.08	3817.61
	6-Aug-2018				25.50	3819.19
	17-May-2018				27.76	3816.93
	6-Feb-2018				27.10	3817.59
	7-Nov-2017				27.20	3817.49
	8-Aug-2017				27.34	3817.35
	15-May-2017				28.75	3815.94
	6-Feb-2017				29.21	3815.48
	7-Nov-2016				28.80	3815.89
	15-Aug-2016				28.80	3815.89
	17-May-2016				29.82	3814.87
	9-Feb-2016				29.95	3814.74
	5-Nov-2015				29.75	3814.94
	5-Aug-2015				29.41	3815.28
	7-May-2015				29.77	3814.92
	5-Feb-2015				29.23	3815.46
	10-Nov-2014				28.96	3815.73
	13-Aug-2014				27.44	3817.25
	13-May-2014				28.53	3816.16
	12-Feb-2014				27.97	3816.72
	6-Nov-2013				26.34	3818.35
	14-Aug-2013				26.66	3818.03
	7-May-2013				26.53	3818.16
	7-Feb-2013				26.48	3818.21
	24-Oct-2012				25.91	3818.78
	31-Jul-2012				25.05	3819.64
23-Apr-2012	25.46	3819.23				
26-Jan-2012	25.71	3818.98				
8-Dec-2011	25.35	3819.34				
19-Jul-2011	23.15	3821.54				
19-Apr-2011	22.80	3821.89				
18-Jan-2011	23.30	3821.39				
15-Sep-2010	22.34	3822.35				
24-Jun-2010	22.84	3821.85				
22-Mar-2010	23.16	3821.53				
8-Dec-2009	22.87	3821.82				
28-Aug-2009	22.43	3822.26				
26-May-2009	22.73	3821.96				
11-Dec-2008	22.91	3821.78				
27-Sep-2008	22.28	3822.41				
10-Jun-2008	23.12	3821.57				
6-Feb-2008	23.43	3821.26				
13-Nov-2007	23.00	3821.69				
12-Sep-2007	23.15	3821.54				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
42-03	2-May-2022	419710.55	1514064.35	3898.46	86.28	3812.18
	7-Feb-2022				85.42	3813.04
	1-Nov-2021				85.70	3812.76
	4-Aug-2021				85.65	3812.81
	3-May-2021				85.15	3813.31
	10-Feb-2021				84.76	3813.70
	2-Nov-2020				85.01	3813.45
	10-Aug-2020				85.60	3812.86
	11-May-2020				85.01	3813.45
	4-Feb-2020				84.90	3813.56
	8-Nov-2019				84.22	3814.24
	5-Aug-2019				84.22	3814.24
	24-Jan-1900				86.35	3812.11
	8-May-2019				85.82	3812.64
	19-Feb-2019				85.05	3813.41
	13-Nov-2018				85.10	3813.36
	6-Aug-2018				85.91	3812.55
	17-May-2018				87.46	3811.00
	6-Feb-2018				84.66	3813.80
	7-Nov-2017				85.30	3813.16
	8-Aug-2017				86.20	3812.26
	15-May-2017				86.58	3811.88
	6-Feb-2017				85.27	3813.19
	7-Nov-2016				85.99	3812.47
	15-Aug-2016				86.55	3811.91
	17-May-2016				86.96	3811.50
	9-Feb-2016				85.37	3813.09
	5-Nov-2015				85.63	3812.83
	5-Aug-2015				87.05	3811.41
	7-May-2015				86.30	3812.16
	5-Feb-2015				84.36	3814.10
	10-Nov-2014				84.63	3813.83
	12-Aug-2014				84.73	3813.73
	13-May-2014				85.05	3813.41
	12-Feb-2014				83.40	3815.06
	6-Nov-2013				83.89	3814.57
	6-Aug-2013				82.46	3816.00
	7-May-2013				81.97	3816.49
	7-Feb-2013				82.01	3816.45
	24-Oct-2012				82.70	3815.76
	31-Jul-2012				82.49	3815.97
	23-Apr-2012				81.57	3816.89
	25-Jan-2012				81.18	3817.28
	8-Dec-2011				81.26	3817.20
	19-Jul-2011				81.33	3817.13
	19-Apr-2011				80.21	3818.25
	18-Jan-2011				79.33	3819.13
	15-Sep-2010				79.91	3818.55
	24-Jun-2010				81.12	3817.34
	22-Mar-2010				79.57	3818.89
	8-Dec-2009				79.12	3819.34
	28-Aug-2009				79.26	3819.20
	26-May-2009				79.42	3819.04
	11-Dec-2008				78.89	3819.57
	27-Sep-2008				78.91	3819.55
	10-Jun-2008				79.91	3818.55
	6-Feb-2008				79.76	3818.70
	13-Nov-2007				79.15	3819.31
	12-Sep-2007				79.71	3818.75

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
42-06	2-May-2022	420021.61	1511465.15	3850.15	35.31	3814.84
	7-Feb-2022				34.99	3815.16
	1-Nov-2021				34.02	3816.13
	4-Aug-2021				33.34	3816.81
	3-May-2021				33.76	3816.39
	10-Feb-2021				33.36	3816.79
	2-Nov-2020				32.96	3817.19
	10-Aug-2020				33.85	3816.30
	11-May-2020				34.55	3815.60
	4-Feb-2020				33.84	3816.31
	8-Nov-2019				31.38	3818.77
	5-Aug-2019				33.42	3816.73
	8-May-2019				33.80	3816.35
	19-Feb-2019				33.60	3816.55
	13-Nov-2018				33.29	3816.86
	6-Aug-2018				32.20	3817.95
	17-May-2018				34.08	3816.07
	6-Feb-2018				33.35	3816.80
	7-Nov-2017				33.54	3816.61
	8-Aug-2017				33.90	3816.25
	15-May-2017				34.92	3815.23
	6-Feb-2017				35.16	3814.99
	7-Nov-2016				34.93	3815.22
	15-Aug-2016				35.07	3815.08
	17-May-2016				35.91	3814.24
	9-Feb-2016				35.80	3814.35
	5-Nov-2015				35.37	3814.78
	5-Aug-2015				35.52	3814.63
	7-May-2015				35.70	3814.45
	5-Feb-2015				35.08	3815.07
	10-Nov-2014				34.83	3815.32
	13-Aug-2014				33.65	3816.50
	13-May-2014				34.50	3815.65
	12-Feb-2014				33.85	3816.30
	6-Nov-2013				31.68	3818.47
	6-Aug-2013				31.24	3818.91
	7-May-2013				32.71	3817.44
	7-Feb-2013				32.30	3817.85
	24-Oct-2012				31.80	3818.35
	31-Jul-2012				31.15	3819.00
	23-Apr-2012				31.37	3818.78
	25-Jan-2012				31.51	3818.64
	8-Dec-2011				31.19	3818.96
	19-Jul-2011				29.37	3820.78
	19-Apr-2011				29.66	3820.49
	18-Jan-2011				29.18	3820.97
	15-Sep-2010				28.36	3821.79
	24-Jun-2010				28.96	3821.19
	22-Mar-2010				29.04	3821.11
	8-Dec-2009				28.90	3821.25
	28-Aug-2009				28.44	3821.71
	26-May-2009				28.70	3821.45
	11-Dec-2008				28.75	3821.40
	27-Sep-2008				28.27	3821.88
	10-Jun-2008				29.03	3821.12
	6-Feb-2008				29.24	3820.91
	13-Nov-2007				28.87	3821.28
	12-Sep-2007				29.03	3821.12

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
42-07	10-Nov-2020	420584.8	1513076.66	3891.52	Plugged and Abandoned	
	2-Nov-2020				Dry	
	10-Aug-2020				Dry	
	11-May-2020				Dry	
	4-Feb-2020				Dry	
	8-Nov-2019				Dry	
	5-Aug-2019				Dry	
	8-May-2019				Dry	
	19-Feb-2019				Dry	
	13-Nov-2018				Dry	
	6-Aug-2018				Dry	
	17-May-2018				Dry	
	6-Feb-2018				Dry	
	7-Nov-2017				Dry	
	8-Aug-2017				Dry	
	15-May-2017				Dry	
	6-Feb-2017				Dry	
	7-Nov-2016				Dry	
	15-Aug-2016				Dry	
	17-May-2016				Dry	
	9-Feb-2016				Dry	
	5-Nov-2015				Dry	
	5-Aug-2015				Dry	
	7-May-2015				Dry	
	5-Feb-2015				Dry	
	10-Nov-2014				Dry	
	13-Aug-2014				Dry	
	13-May-2014				Dry	
	12-Feb-2014				Dry	
	6-Nov-2013				Dry	
	6-Aug-2013				Dry	
	7-May-2013				Dry	
	7-Feb-2013				Dry	
	24-Oct-2012				Dry	
	31-Jul-2012				Dry	
	23-Apr-2012				Dry	
	25-Jan-2012				Dry	
	8-Dec-2011				Dry	
	19-Jul-2011				Dry	
	19-Apr-2011				72.19	3819.33
18-Jan-2011	71.37	3820.15				
15-Sep-2010	71.64	3819.88				
24-Jun-2010	72.24	3819.28				
22-Mar-2010	71.43	3820.09				
8-Dec-2009	71.26	3820.26				
28-Aug-2009	71.26	3820.26				
26-May-2009	71.31	3820.21				
11-Dec-2008	70.87	3820.65				
27-Sep-2008	70.95	3820.57				
10-Jun-2008	71.71	3819.81				
6-Feb-2008	71.00	3820.52				
13-Nov-2007	71.12	3820.40				
12-Sep-2007	71.61	3819.91				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
42-08	2-May-2022	419994.93	1511197.91	3846.53	31.00	3815.53
	7-Feb-2022				30.20	3816.33
	1-Nov-2021				29.71	3816.82
	4-Aug-2021				29.05	3817.48
	3-May-2021				29.60	3816.93
	10-Feb-2021				29.08	3817.45
	2-Nov-2020				28.44	3818.09
	10-Aug-2020				29.93	3816.60
	11-May-2020				30.63	3815.90
	4-Feb-2020				29.72	3816.81
	8-Nov-2019				28.12	3818.41
	5-Aug-2019				29.08	3817.45
	8-May-2019				29.61	3816.92
	19-Feb-2019				29.42	3817.11
	13-Nov-2018				29.14	3817.39
	6-Aug-2018				27.74	3818.79
	17-May-2018				29.88	3816.65
	6-Feb-2018				29.20	3817.33
	7-Nov-2017				29.37	3817.16
	8-Aug-2017				29.53	3817.00
	15-May-2017				30.80	3815.73
	6-Feb-2017				31.22	3815.31
	7-Nov-2016				30.87	3815.66
	15-Aug-2016				30.90	3815.63
	17-May-2016				Dry	
	9-Feb-2016				Dry	
	5-Nov-2015				Dry	
	5-Aug-2015				31.45	3815.08
	7-May-2015				31.77	3814.76
	5-Feb-2015				31.23	3815.30
	10-Nov-2014				30.97	3815.56
	13-Aug-2014				29.54	3816.99
	13-May-2014				30.68	3815.85
	12-Feb-2014				29.98	3816.55
	6-Nov-2013				28.26	3818.27
	6-Aug-2013				27.97	3818.56
	7-May-2013				28.69	3817.84
	7-Feb-2013				28.43	3818.10
	24-Oct-2012				27.92	3818.61
	31-Jul-2012				27.11	3819.42
	23-Apr-2012				27.51	3819.02
	26-Jan-2012				27.68	3818.85
	8-Dec-2011				27.33	3819.20
	19-Jul-2011				25.24	3821.29
	19-Apr-2011				25.72	3820.81
	18-Jan-2011				25.28	3821.25
	15-Sep-2010				24.37	3822.16
24-Jun-2010	24.91	3821.62				
22-Mar-2010	25.15	3821.38				
8-Dec-2009	24.91	3821.62				
28-Aug-2009	24.46	3822.07				
26-May-2009	24.75	3821.78				
11-Dec-2008	24.88	3821.65				
27-Sep-2008	24.30	3822.23				
10-Jun-2008	25.13	3821.40				
6-Feb-2008	25.41	3821.12				
13-Nov-2007	25.00	3821.53				
12-Sep-2007	25.13	3821.40				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
42-09	4-Feb-2020	419729.17	1512255.76	3865.25	Damaged	
	8-Nov-2019				47.03	-47.03
	5-Aug-2019				49.72	3815.53
	8-May-2019				49.76	-49.76
	19-Feb-2019				49.69	-49.69
	13-Nov-2018				49.30	3815.95
	6-Aug-2018				48.59	3816.66
	17-May-2018				50.22	-50.22
	6-Feb-2018				49.37	-49.37
	7-Nov-2017				49.53	-49.53
	8-Aug-2017				50.35	-50.35
	15-May-2017				50.78	-50.78
	6-Feb-2017				50.95	-50.95
	7-Nov-2016				50.98	-50.98
	15-Aug-2016				51.29	-51.29
	17-May-2016				51.73	-51.73
	9-Feb-2016				51.39	-51.39
	5-Nov-2015				Damaged	
	5-Aug-2015				51.34	-51.34
	7-May-2015				51.23	-51.23
	5-Feb-2015				50.51	-50.51
	10-Nov-2014				50.21	-50.21
	12-Aug-2014				49.45	-49.45
	13-May-2014				49.85	-49.85
	12-Feb-2014				49.36	-49.36
	6-Nov-2013				48.23	-48.23
	6-Aug-2013				47.88	-47.88
	7-May-2013				48.04	-48.04
	7-Feb-2013				47.79	-47.79
	24-Oct-2012				47.29	-47.29
	31-Jul-2012				46.98	-46.98
	23-Apr-2012				46.93	-46.93
	25-Jan-2012				46.95	3818.30
	8-Dec-2011				46.76	-46.76
	19-Jul-2011				45.54	3819.71
	19-Apr-2011				45.38	3819.87
	18-Jan-2011				44.87	3820.38
	15-Sep-2010				44.21	-44.21
	24-Jun-2010				44.99	-44.99
	22-Mar-2010				44.72	-44.72
	8-Dec-2009				44.70	-44.70
	28-Aug-2009				44.32	-44.32
26-May-2009	44.50	-44.50				
11-Dec-2008	44.39	-44.39				
27-Sep-2008	44.12	-44.12				
10-Jun-2008	44.77	-44.77				
6-Feb-2008	44.80	-44.80				
13-Nov-2007	44.47	-44.47				
12-Sep-2007	44.73	-44.73				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
42-10	3-May-2022	421426.39	1514460.4	3929.28	117.20	3812.08
	8-Feb-2022				116.40	3812.88
	1-Nov-2021				117.11	3812.17
	4-Aug-2021				117.00	3812.28
	3-May-2021				116.57	3812.71
	10-Feb-2021				116.63	3812.65
	3-Nov-2020				116.93	3812.35
	10-Aug-2020				117.88	3811.40
	11-May-2020				117.22	3812.06
	5-Feb-2020				116.05	3813.23
	25-Nov-2019				116.94	3812.34
	5-Aug-2019				117.70	3811.58
	8-May-2019				117.06	3812.22
	19-Feb-2019				116.10	3813.18
	13-Nov-2018				116.55	3812.73
	6-Aug-2018				117.51	3811.77
	17-May-2018				117.25	3812.03
	6-Feb-2018				115.60	3813.68
	7-Nov-2017				116.45	3812.83
	9-Aug-2017				117.45	3811.83
	15-May-2017				117.22	3812.06
	6-Feb-2017				115.88	3813.40
	7-Nov-2016				116.40	3812.88
	15-Aug-2016				117.36	3811.92
	17-May-2016				117.40	3811.88
	9-Feb-2016				115.85	3813.43
	5-Nov-2015				116.29	3812.99
	5-Aug-2015				117.00	3812.28
	12-May-2015				116.10	3813.18
	6-Feb-2015				114.95	3814.33
	10-Nov-2014				115.52	3813.76
	14-Aug-2014				115.37	3813.91
	13-May-2014				115.15	3814.13
	12-Feb-2014				113.97	3815.31
	6-Nov-2013				115.21	3814.07
	6-Aug-2013				113.03	3816.25
	7-May-2013				112.81	3816.47
	7-Feb-2013				112.29	3816.99
	24-Oct-2012				112.95	3816.33
	31-Jul-2012				112.87	3816.41
	23-Apr-2012				111.87	3817.41
	25-Jan-2012				110.98	3818.30
	8-Dec-2011				111.16	3818.12
	19-Jul-2011				111.21	3818.07
	19-Apr-2011				110.06	3819.22
	18-Jan-2011				109.19	3820.09
	15-Sep-2010				110.24	3819.04
	27-Jun-2010				110.35	3818.93
	22-Mar-2010				109.47	3819.81
	8-Dec-2009				109.41	3819.87
	28-Aug-2009				109.67	3819.61
	26-May-2009				109.53	3819.75
	11-Dec-2008				109.00	3820.28
	27-Sep-2008				109.49	3819.79
	11-Jun-2008				109.88	3819.40
	6-Feb-2008				108.98	3820.30
	14-Nov-2007				109.36	3819.92
	12-Sep-2007				109.92	3819.36

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
42-11	3-May-2022	420693.98	1515270.32	3939.31	127.95	3811.36
	8-Feb-2022				127.03	3812.28
	1-Nov-2021				127.62	3811.69
	4-Aug-2021				127.46	3811.85
	3-May-2021				127.07	3812.24
	10-Feb-2021				126.91	3812.40
	3-Nov-2020				127.37	3811.94
	10-Aug-2020				127.65	3811.66
	11-May-2020				127.06	3812.25
	4-Feb-2020				126.66	3812.65
	8-Nov-2019				126.63	3812.68
	5-Aug-2019				127.96	3811.35
	8-May-2019				127.35	3811.96
	19-Feb-2019				126.61	3812.70
	13-Nov-2018				127.35	3811.96
	6-Aug-2018				127.90	3811.41
	17-May-2018				127.49	3811.82
	6-Feb-2018				126.31	3813.00
	7-Nov-2017				127.08	3812.23
	8-Aug-2017				127.76	3811.55
	15-May-2017				127.55	3811.76
	6-Feb-2017				126.48	3812.83
	7-Nov-2016				127.48	3811.83
	15-Aug-2016				127.82	3811.49
	17-May-2016				127.50	3811.81
	9-Feb-2016				126.40	3812.91
	5-Nov-2015				126.80	3812.51
	5-Aug-2015				127.08	3812.23
	12-May-2015				126.42	3812.89
	6-Feb-2015				125.43	3813.88
	10-Nov-2014				125.97	3813.34
	14-Aug-2014				125.85	3813.46
	13-May-2014				125.27	3814.04
	12-Feb-2014				123.96	3815.35
	6-Nov-2013				125.37	3813.94
	6-Aug-2013				124.06	3815.25
	7-May-2013				123.24	3816.07
	7-Feb-2013				122.91	3816.40
	24-Oct-2012				123.44	3815.87
	31-Jul-2012				123.11	3816.20
	23-Apr-2012				122.09	3817.22
	25-Jan-2012				121.67	3817.64
	8-Dec-2011				121.83	3817.48
	19-Jul-2011				121.73	3817.58
	19-Apr-2011				120.64	3818.67
	18-Jan-2011				120.01	3819.30
	15-Sep-2010				121.02	3818.29
	27-Jun-2010				121.05	3818.26
	22-Mar-2010				120.18	3819.13
	8-Dec-2009				120.21	3819.10
	28-Aug-2009				120.51	3818.80
	26-May-2009				120.35	3818.96
	11-Dec-2008				119.88	3819.43
	27-Sep-2008				120.29	3819.02
	11-Jun-2008				120.57	3818.74
	6-Feb-2008				119.84	3819.47
	14-Nov-2007				120.24	3819.07
	12-Sep-2007				120.74	3818.57



**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
42-12	3-May-2022	420972.09	1515423.88	3945.83	134.33	3811.50
	8-Feb-2022				133.50	3812.33
	1-Nov-2021				134.00	3811.83
	4-Aug-2021				133.90	3811.93
	3-May-2021				132.96	3812.87
	10-Feb-2021				132.50	3813.33
	3-Nov-2020				133.95	3811.88
	10-Aug-2020				134.78	3811.05
	11-May-2020				134.13	3811.70
	5-Feb-2020				133.30	3812.53
	8-Nov-2019				133.01	3812.82
	5-Aug-2019				134.50	3811.33
	8-May-2019				133.01	3812.82
	19-Feb-2019				133.15	3812.68
	13-Nov-2018				133.90	3811.93
	6-Aug-2018				134.45	3811.38
	17-May-2018				133.95	3811.88
	6-Feb-2018				132.89	3812.94
	7-Nov-2017				133.64	3812.19
	8-Aug-2017				Not accessible	
	15-May-2017				133.90	3811.93
	6-Feb-2017				132.92	3812.91
	7-Nov-2016				133.88	3811.95
	15-Aug-2016				134.14	3811.69
	17-May-2016				133.77	3812.06
	9-Feb-2016				132.75	3813.08
	5-Nov-2015				133.16	3812.67
	5-Aug-2015				134.36	3811.47
	7-May-2015				133.05	3812.78
	6-Feb-2015				131.76	3814.07
	10-Nov-2014				132.31	3813.52
	14-Aug-2014				132.13	3813.70
	13-May-2014				131.63	3814.20
	12-Feb-2014				129.89	3815.94
	6-Nov-2013				131.11	3814.72
	6-Aug-2013				130.08	3815.75
	7-May-2013				129.59	3816.24
	7-Feb-2013				129.18	3816.65
	24-Oct-2012				129.74	3816.09
	31-Jul-2012				129.44	3816.39
	23-Apr-2012				128.71	3817.12
	25-Jan-2012				128.06	3817.77
	8-Dec-2011				128.14	3817.69
	19-Jul-2011				128.01	3817.82
	19-Apr-2011				126.37	3819.46
	18-Jan-2011				126.37	3819.46
	15-Sep-2010				127.38	3818.45
27-Jun-2010	127.43	3818.40				
22-Mar-2010	126.50	3819.33				
8-Dec-2009	126.60	3819.23				
28-Aug-2009	126.84	3818.99				
26-May-2009	126.68	3819.15				
11-Dec-2008	126.18	3819.65				
27-Sep-2008	126.68	3819.15				
11-Jun-2008	126.88	3818.95				
6-Feb-2008	126.16	3819.67				
14-Nov-2007	126.55	3819.28				
12-Sep-2007	127.04	3818.79				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
42-13	3-May-2022	419734.06	1512534.42	3873.10	59.28	3813.82
	7-Feb-2022				58.97	3814.13
	1-Nov-2021				58.53	3814.57
	4-Aug-2021				58.00	3815.10
	3-May-2021				58.10	3815.00
	10-Feb-2021				57.91	3815.19
	2-Nov-2020				58.66	3814.44
	10-Aug-2020				59.05	3814.05
	11-May-2020				59.66	3813.44
	4-Feb-2020				58.05	3815.05
	8-Nov-2019				57.05	3816.05
	5-Aug-2019				58.25	3814.85
	8-May-2019				58.22	3814.88
	19-Feb-2019				58.10	3815.00
	13-Nov-2018				57.70	3815.40
	6-Aug-2018				57.18	3815.92
	17-May-2018				58.70	3814.40
	6-Feb-2017				57.77	3815.33
	7-Nov-2017				57.98	3815.12
	8-Aug-2017				58.75	3814.35
	15-May-2017				59.15	3813.95
	6-Feb-2017				58.90	3814.20
	7-Nov-2016				59.00	3814.10
	15-Aug-2016				59.40	3813.70
	17-May-2016				59.73	3813.37
	9-Feb-2016				59.30	3813.80
	5-Nov-2015				59.28	3813.82
	5-Aug-2015				59.04	3814.06
	7-May-2015				59.37	3813.73
	5-Feb-2015				58.50	3814.60
	10-Nov-2014				57.27	3815.83
	12-Aug-2014				57.56	3815.54
	13-May-2014				57.95	3815.15
	17-Feb-2014				57.38	3815.72
	6-Nov-2013				56.31	3816.79
	6-Aug-2013				56.01	3817.09
	7-May-2013				56.02	3817.08
	7-Feb-2013				55.86	3817.24
	24-Oct-2012				55.40	3817.70
	31-Jul-2012				55.17	3817.93
	23-Apr-2012				54.96	3818.14
	25-Jan-2012				54.99	3818.11
	8-Dec-2011				54.83	3818.27
	19-Jul-2011				53.77	3819.33
	19-Apr-2011				53.50	3819.60
	18-Jan-2011				52.95	3820.15
	15-Sep-2010				52.44	3820.66
	24-Jun-2010				53.21	3819.89
	22-Mar-2010				52.84	3820.26
	8-Dec-2009				52.79	3820.31
	28-Aug-2009				52.45	3820.65
	26-May-2009				52.64	3820.46
	11-Dec-2008				52.49	3820.61
	27-Sep-2008				52.23	3820.87
	10-Jun-2008				52.91	3820.19
	6-Feb-2008				52.84	3820.26
	13-Nov-2007				52.56	3820.54
	12-Sep-2007				52.83	3820.27

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
<b>Dominguez Dairy</b>						
624-01	3-May-2022	418826.21	1512131.46	3843.72	28.80	3814.92
	8-Feb-2022				28.95	3814.77
	2-Nov-2021				28.08	3815.64
	5-Aug-2021				27.22	3816.50
	4-May-2021				27.13	3816.59
	11-Feb-2021				26.27	3817.45
	3-Nov-2020				25.95	3817.77
	11-Aug-2020				26.11	3817.61
	11-May-2020				26.96	3816.76
	5-Feb-2020				27.62	3816.10
	8-Nov-2019				26.82	3816.90
	1-Aug-2019				27.30	3816.42
	8-May-2019				26.50	3817.22
	19-Feb-2019				27.80	3815.92
	12-Nov-2018				27.03	3816.69
	6-Aug-2018				24.25	3819.47
	14-May-2018				26.91	3816.81
	5-Feb-2018				27.43	3816.29
	6-Nov-2017				27.11	3816.61
	7-Aug-2017				27.76	3815.96
	15-May-2017				28.08	3815.64
	7-Feb-2017				29.10	3814.62
	7-Nov-2016				28.41	3815.31
	15-Aug-2016				28.49	3815.23
	16-May-2016				28.53	3815.19
	9-Feb-2016				29.47	3814.25
	5-Nov-2015				29.23	3814.49
	5-Aug-2015				28.20	3815.52
	6-May-2015				28.06	3815.66
	5-Feb-2015				28.95	3814.77
	10-Nov-2014				28.24	3815.48
	12-Aug-2014				26.64	3817.08
	12-May-2014				27.38	3816.34
	12-Feb-2014				28.10	3815.62
	7-Nov-2013				26.34	3817.38
	6-Aug-2013				25.98	3817.74
	7-May-2013				26.21	3817.51
	7-Feb-2013				26.39	3817.33
	24-Oct-2012				25.89	3817.83
	30-Jul-2012				26.12	3817.60
24-Apr-2012	26.02	3817.70				
25-Jan-2012	25.51	3818.21				
7-Dec-2011	25.19	3818.53				
19-Jul-2011	23.22	3820.50				
19-Apr-2011	23.75	3819.97				
18-Jan-2011	23.53	3820.19				
15-Sep-2010	21.40	3822.32				
24-Jun-2010	22.48	3821.24				
22-Mar-2010	22.83	3820.89				
8-Dec-2009	23.33	3820.39				
28-Aug-2009	22.72	3821.00				
27-May-2009	22.92	3820.80				
11-Dec-2008	23.11	3820.61				
27-Sep-2008	22.62	3821.10				
10-Jun-2008	22.72	3821.00				
5-Feb-2008	23.64	3820.08				
13-Nov-2007	22.87	3820.85				
12-Sep-2007	22.94	3820.78				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
624-02	3-May-2022	417335.25	1512201.42	3835.45	20.50	3814.95
	8-Feb-2022				20.90	3814.55
	2-Nov-2021				20.10	3815.35
	5-Aug-2021				19.47	3815.98
	4-May-2021				19.30	3816.15
	11-Feb-2021				18.88	3816.57
	3-Nov-2020				17.89	3817.56
	11-Aug-2020				18.39	3817.06
	11-May-2020				19.89	3815.56
	5-Feb-2020				19.00	3816.45
	8-Nov-2019				17.77	3817.68
	1-Aug-2019				18.65	3816.80
	8-May-2019				18.42	3817.03
	19-Feb-2019				18.42	3817.03
	12-Nov-2018				18.67	3816.78
	6-Aug-2018				14.48	3820.97
	14-May-2018				19.04	3816.41
	5-Feb-2017				19.15	3816.30
	6-Nov-2017				18.33	3817.12
	8-Aug-2017				18.42	3817.03
	15-May-2017				19.94	3815.51
	7-Feb-2017				20.87	3814.58
	7-Nov-2016				19.47	3815.98
	15-Aug-2016				19.06	3816.39
	16-May-2016				20.57	3814.88
	9-Feb-2016				21.36	3814.09
	5-Nov-2015				20.82	3814.63
	5-Aug-2015				19.45	3816.00
	6-May-2015				19.81	3815.64
	5-Feb-2015				20.95	3814.50
	6-Nov-2014				19.65	3815.80
	12-Aug-2014				19.12	3816.33
	12-May-2014				19.00	3816.45
	12-Feb-2014				20.00	3815.45
	7-Nov-2013				18.60	3816.85
	6-Aug-2013				18.83	3816.62
	7-May-2013				19.01	3816.44
	7-Feb-2013				19.10	3816.35
	24-Oct-2012				18.85	3816.60
	30-Jul-2012				18.59	3816.86
	23-Apr-2012				17.97	3817.48
	24-Jan-2012				17.16	3818.29
	7-Dec-2011				17.30	3818.15
	19-Jul-2011				15.23	3820.22
	19-Apr-2011				15.94	3819.51
	17-Jan-2011				15.66	3819.79
	20-Sep-2010				14.04	3821.41
	24-Jun-2010				13.93	3821.52
	22-Mar-2010				15.24	3820.21
	8-Dec-2009				15.61	3819.84
	28-Aug-2009				14.85	3820.60
	27-May-2009				15.14	3820.31
	11-Dec-2008				15.47	3819.98
	27-Sep-2008				14.97	3820.48
	10-Jun-2008				14.87	3820.58
	5-Feb-2008				16.50	3818.95
	13-Nov-2007				15.40	3820.05
	12-Sep-2007				14.94	3820.51

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
624-04	28-Jan-2020	418542.24	1508104.07	3835.69	Plugged and Abandoned	
	8-Nov-2019				Dry	
	1-Aug-2019				Dry	
	8-May-2019				Dry	
	19-Feb-2019				Dry	
	12-Nov-2018				Dry	
	6-Aug-2018				Dry	
	14-May-2018				Dry	
	5-Feb-2017				Dry	
	6-Nov-2017				Dry	
	7-Aug-2017				Dry	
	15-May-2017				Dry	
	7-Feb-2017				Dry	
	7-Nov-2016				Dry	
	15-Aug-2016				Dry	
	16-May-2016				Dry	
	9-Feb-2016				Dry	
	5-Nov-2015				Dry	
	5-Aug-2015				Dry	
	6-May-2015				Dry	
	5-Feb-2015				Dry	
	6-Nov-2014				Dry	
	12-Aug-2014				Dry	
	12-May-2014				Dry	
	12-Feb-2014				Dry	
	7-Nov-2013				Dry	
	6-Aug-2013				Dry	
	7-May-2013				Dry	
	7-Feb-2013				Dry	
	24-Oct-2012				Dry	
	30-Jul-2012				Dry	
	23-Apr-2012				Dry	
	25-Jan-2012				Dry	
	8-Dec-2011				Dry	
	19-Jul-2011				15.39	3820.30
	19-Apr-2011				13.66	3822.03
	18-Jan-2011				13.99	3821.70
	15-Sep-2010				11.43	3824.26
	24-Jun-2010				13.49	3822.20
	22-Mar-2010				14.83	3820.86
	8-Dec-2009				13.48	3822.21
28-Aug-2009	12.49	3823.20				
26-May-2009	12.89	3822.80				
11-Dec-2008	12.99	3822.70				
27-Sep-2008	12.31	3823.38				
10-Jun-2008	14.45	3821.24				
5-Feb-2008	14.13	3821.56				
13-Nov-2007	13.60	3822.09				
12-Sep-2007	14.83	3820.86				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
624-05	28-Jan-2020	419777.52	1509829.65	3835.27	Plugged and Abandoned	
	8-Nov-2019				15.87	3819.40
	1-Aug-2019				16.00	3819.27
	8-May-2019				16.60	3818.67
	19-Feb-2019				16.81	3818.46
	12-Nov-2018				Dry	
	6-Aug-2018				Dry	
	14-May-2018				Dry	
	5-Feb-2017				Dry	
	6-Nov-2017				Dry	
	7-Aug-2017				Dry	
	15-May-2017				Dry	
	7-Feb-2017				Dry	
	7-Nov-2016				Dry	
	15-Aug-2016				Dry	
	16-May-2016				Dry	
	9-Feb-2016				Dry	
	5-Nov-2015				Dry	
	5-Aug-2015				Dry	
	6-May-2015				Dry	
	5-Feb-2015				Dry	
	6-Nov-2014				Dry	
	12-Aug-2014				Dry	
	12-May-2014				Dry	
	12-Feb-2014				Dry	
	7-Nov-2013				Dry	
	6-Aug-2013				Dry	
	7-May-2013				Dry	
	7-Feb-2013				16.72	3818.55
	24-Oct-2012				16.35	3818.92
	30-Jul-2012				15.89	3819.38
	23-Apr-2012				15.90	3819.37
	25-Jan-2012				15.81	3819.46
	7-Dec-2011				15.25	3820.02
3-Aug-2011	13.38	3821.89				
19-Apr-2011	13.86	3821.41				
18-Jan-2011	13.11	3822.16				
15-Sep-2010	12.01	3823.26				
24-Jun-2010	12.71	3822.56				
22-Mar-2010	13.21	3822.06				
8-Dec-2009	12.54	3822.73				
28-Aug-2009	12.03	3823.24				
26-May-2009	12.58	3822.69				
11-Dec-2008	12.82	3822.45				
27-Sep-2008	11.97	3823.30				
10-Jun-2008	13.19	3822.08				
5-Feb-2008	13.44	3821.83				
13-Nov-2007	13.01	3822.26				
12-Sep-2007	13.31	3821.96				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
624-06	28-Jan-2020	418502.42	1513981.08	3868.18	Plugged and Abandoned	
	8-Nov-2019				Dry	
	1-Aug-2019				Dry	
	8-May-2019				Dry	
	19-Feb-2019				Dry	
	12-Nov-2018				Dry	
	6-Aug-2018				Dry	
	14-May-2018				Dry	
	5-Feb-2017				Dry	
	6-Nov-2017				Dry	
	7-Aug-2017				Dry	
	15-May-2017				Dry	
	7-Feb-2017				Dry	
	7-Nov-2016				Dry	
	15-Aug-2016				Dry	
	16-May-2016				Dry	
	9-Feb-2016				Dry	
	5-Nov-2015				Dry	
	5-Aug-2015				Dry	
	6-May-2015				Dry	
	5-Feb-2015				Dry	
	6-Nov-2014				Dry	
	12-Aug-2014				Dry	
	12-May-2014				Dry	
	12-Feb-2014				Dry	
	7-Nov-2013				Dry	
	6-Aug-2013				Dry	
	7-May-2013				Dry	
	7-Feb-2013				51.84	3816.34
	24-Oct-2012				51.99	3816.19
	30-Jul-2012				51.30	3816.88
	23-Apr-2012				51.83	3816.35
	25-Jan-2012				51.80	3816.38
	13-Dec-2011				50.89	3817.29
	19-Jul-2011				50.43	3817.75
	19-Apr-2011				49.79	3818.39
	18-Jan-2011				49.31	3818.87
	21-Sep-2010				48.73	3819.45
	24-Jun-2010				50.33	3817.85
	22-Mar-2010				49.62	3818.56
8-Dec-2009	48.96	3819.22				
28-Aug-2009	48.87	3819.31				
26-May-2009	49.14	3819.04				
11-Dec-2008	48.89	3819.29				
27-Sep-2008	48.71	3819.47				
10-Jun-2008	49.67	3818.51				
5-Feb-2008	49.11	3819.07				
13-Nov-2007	48.94	3819.24				
12-Sep-2007	49.17	3819.01				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
624-07	28-Jan-2020	418012.23	1514707.77	3872.25	Plugged and Abandoned	
	8-Nov-2019				Dry	
	1-Aug-2019				Dry	
	8-May-2019				Dry	
	19-Feb-2019				Dry	
	12-Nov-2018				Dry	
	6-Aug-2018				Dry	
	14-May-2018				Dry	
	5-Feb-2017				Dry	
	6-Nov-2017				Dry	
	7-Aug-2017				55.68	3816.57
	15-May-2017				55.66	3816.59
	7-Feb-2017				55.67	3816.58
	7-Nov-2016				55.65	3816.60
	15-Aug-2016				55.60	3816.65
	20-May-2016				55.66	3816.59
	9-Feb-2016				Dry	
	5-Nov-2015				55.60	3816.65
	5-Aug-2015				55.56	3816.69
	6-May-2015				55.57	3816.68
	5-Feb-2015				55.53	3816.72
	6-Nov-2014				55.57	3816.68
	12-Aug-2014				55.68	3816.57
	12-May-2014				55.61	3816.64
	12-Feb-2014				55.62	3816.63
	7-Nov-2013				Dry	
	6-Aug-2013				Dry	
	7-May-2013				Dry	
	7-Feb-2013				Dry	
	24-Oct-2012				55.58	3816.67
	30-Jul-2012				55.47	3816.78
	23-Apr-2012				Dry	
	25-Jan-2012				55.50	3816.75
	13-Dec-2011				55.46	3816.79
	19-Jul-2011				54.55	3817.70
	19-Apr-2011				54.64	3817.61
	18-Jan-2011				53.91	3818.34
	15-Sep-2010				52.30	3819.95
	24-Jun-2010				55.27	3816.98
	22-Mar-2010				54.21	3818.04
8-Dec-2009	53.32	3818.93				
28-Aug-2009	53.22	3819.03				
26-May-2009	53.76	3818.49				
11-Dec-2008	53.59	3818.66				
27-Sep-2008	53.35	3818.90				
10-Jun-2008	54.34	3817.91				
5-Feb-2008	53.81	3818.44				
13-Nov-2007	53.26	3818.99				
12-Sep-2007	53.03	3819.22				



**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
624-08	28-Jan-2020	421461.78	1507712.04	3838.70	Plugged and Abandoned	
	8-Nov-2019				Dry	
	1-Aug-2019				Dry	
	8-May-2019				Dry	
	19-Feb-2019				Dry	
	12-Nov-2018				Dry	
	6-Aug-2018				Dry	
	14-May-2018				Dry	
	5-Feb-2017				Dry	
	6-Nov-2017				Dry	
	7-Aug-2017				Dry	
	15-May-2017				Dry	
	7-Feb-2017				Dry	
	7-Nov-2016				Dry	
	15-Aug-2016				Dry	
	16-May-2016				Dry	
	9-Feb-2016				Dry	
	5-Nov-2015				Dry	
	5-Aug-2015				Dry	
	6-May-2015				Dry	
	5-Feb-2015				Dry	
	6-Nov-2014				Dry	
	12-Aug-2014				Dry	
	12-May-2014				Dry	
	12-Feb-2014				Dry	
	7-Nov-2013				Dry	
	6-Aug-2013				Dry	
	7-May-2013				Dry	
	7-Feb-2013				Dry	
	24-Oct-2012				Dry	
	30-Jul-2012				Dry	
	23-Apr-2012				Dry	
	25-Jan-2012				Dry	
	8-Dec-2011				Dry	
3-Aug-2011	Dry					
18-Apr-2011		17.72	3820.98			
18-Jan-2011		16.03	3822.67			
14-Sep-2010		14.83	3823.87			
24-Jun-2010		16.44	3822.26			
22-Mar-2010		16.42	3822.28			
8-Dec-2009		16.02	3822.68			
28-Aug-2009		15.20	3823.50			
26-May-2009		15.54	3823.16			
11-Dec-2008		14.96	3823.74			
27-Sep-2008		14.84	3823.86			
10-Jun-2008		16.12	3822.58			
5-Feb-2008		15.37	3823.33			
13-Nov-2007		14.71	3823.99			
12-Sep-2007		15.33	3823.37			

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
624-09	3-May-2022	421471.18	1503801.31	3838.25	22.69	3815.56
	8-Feb-2022				21.87	3816.38
	4-Nov-2021				22.31	3815.94
	5-Aug-2021				22.43	3815.82
	4-May-2021				18.39	3819.86
	11-Feb-2021				17.42	3820.83
	3-Nov-2020				17.02	3821.23
	11-Aug-2020				17.20	3821.05
	11-May-2020				18.85	3819.40
	12-Feb-2020				17.35	3820.90
	624-10				3-May-2022	421500.79
8-Feb-2022		22.00	3817.50			
4-Nov-2021		21.06	3818.44			
5-Aug-2021		20.32	3819.18			
4-May-2021		22.80	3816.70			
11-Feb-2021		21.32	3818.18			
3-Nov-2020		21.22	3818.28			
11-Aug-2020		21.63	3817.87			
11-May-2020		22.98	3816.52			
12-Feb-2020		21.34	3818.16			
624-11		3-May-2022	418501.93	1514076.76	3867.13	
	8-Feb-2022	54.20				3812.93
	4-Nov-2021	54.16				3812.97
	5-Aug-2021	54.17				3812.96
	4-May-2021	54.05				3813.08
	11-Feb-2021	53.34				3813.79
	3-Nov-2020	53.08				3814.05
	11-Aug-2020	53.52				3813.61
	11-May-2020	54.10				3813.03
	12-Feb-2020	53.35				3813.78

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
<b>Gonzalez Dairy</b>						
177-01	11-May-2020	417300.94	1512942.63	3834.27	18.60	3815.67
	5-Feb-2020				18.96	3815.31
	8-Nov-2019				17.55	3816.72
	1-Aug-2019				18.86	3815.41
	8-May-2019				18.60	3815.67
	19-Feb-2019				19.14	3815.13
	12-Nov-2018				18.40	3815.87
	6-Aug-2018				16.00	3818.27
	17-May-2018				19.18	3815.09
	5-Feb-2018				18.80	3815.47
	6-Nov-2017				18.32	3815.95
	8-Aug-2017				18.57	3815.70
	15-May-2017				19.76	3814.51
	7-Feb-2017				20.20	3814.07
	7-Nov-2016				19.25	3815.02
	15-Aug-2016				18.95	3815.32
	16-May-2016				20.48	3813.79
	9-Feb-2016				20.66	3813.61
	5-Nov-2015				20.22	3814.05
	13-Aug-2015				19.21	3815.06
	6-May-2015				19.40	3814.87
	6-Feb-2015				20.14	3814.13
	10-Nov-2014				19.12	3815.15
	13-Aug-2014				17.33	3816.94
	13-May-2014				18.53	3815.74
	12-Feb-2014				19.05	3815.22
	7-Nov-2013				17.97	3816.30
	6-Aug-2013				17.01	3817.26
	7-May-2013				17.81	3816.46
	7-Feb-2013				17.77	3816.50
	25-Oct-2012				15.91	3818.36
	30-Jul-2012				14.88	3819.39
	23-Apr-2012				16.32	3817.95
	26-Jan-2012				16.71	3817.56
	7-Dec-2011				16.36	3817.91
	19-Jul-2011				14.64	3819.63
	19-Apr-2011				14.84	3819.43
	17-Jan-2011				14.43	3819.84
	15-Sep-2010				13.30	3820.97
	23-Jun-2010				14.11	3820.16
	22-Mar-2010				14.75	3819.52
	8-Dec-2009				14.68	3819.59
	28-Aug-2009				14.16	3820.11
	26-May-2009				14.35	3819.92
	10-Dec-2008				14.64	3819.63
	27-Sep-2008				14.21	3820.06
	10-Jun-2008				14.50	3819.77
	6-Feb-2008				15.06	3819.21
	13-Nov-2007				14.53	3819.74
	13-Sep-2007				14.03	3820.24

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
177-02	11-May-2020	416738.21	1513246.51	3834.66	19.56	3815.10
	5-Feb-2020				19.40	3815.26
	8-Nov-2019				19.02	3815.64
	1-Aug-2019				19.38	3815.28
	8-May-2019				19.50	3815.16
	19-Feb-2019				19.58	3815.08
	12-Nov-2018				19.20	3815.46
	6-Aug-2018				17.05	3817.61
	17-May-2018				20.00	3814.66
	5-Feb-2018				19.45	3815.21
	6-Nov-2017				19.05	3815.61
	8-Aug-2017				19.17	3815.49
	15-May-2017				20.63	3814.03
	7-Feb-2017				20.91	3813.75
	7-Nov-2016				19.95	3814.71
	15-Aug-2016				19.50	3815.16
	16-May-2016				21.35	3813.31
	9-Feb-2016				21.33	3813.33
	5-Nov-2015				20.88	3813.78
	5-Aug-2015				19.91	3814.75
	6-May-2015				20.13	3814.53
	6-Feb-2015				20.75	3813.91
	10-Nov-2014				19.80	3814.86
	13-Aug-2014				18.21	3816.45
	13-May-2014				19.24	3815.42
	12-Feb-2014				19.72	3814.94
	7-Nov-2013				18.66	3816.00
	6-Aug-2013				18.30	3816.36
	7-May-2013				18.69	3815.97
	7-Feb-2013				18.50	3816.16
	25-Oct-2012				17.35	3817.31
	30-Jul-2012				17.80	3816.86
	24-Jan-2012				17.61	3817.05
	7-Dec-2011				16.92	3817.74
	19-Jul-2011				15.41	3819.25
	19-Apr-2011				15.47	3819.19
	17-Jan-2011				14.94	3819.72
	15-Sep-2010				14.23	3820.43
	23-Jun-2010				14.86	3819.80
	22-Mar-2010				15.59	3819.07
8-Dec-2009	15.29	3819.37				
28-Aug-2009	14.90	3819.76				
26-May-2009	15.09	3819.57				
10-Dec-2008	15.37	3819.29				
27-Sep-2008	14.95	3819.71				
10-Jun-2008	15.41	3819.25				
6-Feb-2008	15.74	3818.92				
13-Nov-2007	15.39	3819.27				
13-Sep-2007	14.72	3819.94				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
177-03A	11-May-2020	416206.71	1513777.17	3835.75	21.76	3813.99
	5-Feb-2020				21.30	3814.45
	8-Nov-2019				20.86	3814.89
	1-Aug-2019				21.35	3814.40
	8-May-2019				21.70	3814.05
	19-Feb-2019				21.10	3814.65
	12-Nov-2018				21.20	3814.55
	6-Aug-2018				20.54	3815.21
	17-May-2018				21.90	3813.85
	5-Feb-2018				21.15	3814.60
	6-Nov-2017				20.89	3814.86
	8-Aug-2017				21.23	3814.52
	15-May-2017				22.55	3813.20
	7-Feb-2017				22.52	3813.23
	7-Nov-2016				21.97	3813.78
	15-Aug-2016				21.90	3813.85
	16-May-2016				23.26	3812.49
	9-Feb-2016				22.91	3812.84
	5-Nov-2015				22.68	3813.07
	5-Aug-2015				22.05	3813.70
	6-May-2015				22.26	3813.49
	6-Feb-2015				22.30	3813.45
	10-Nov-2014				21.61	3814.14
	13-Aug-2014				20.51	3815.24
	12-May-2014				21.60	3814.15
	12-Feb-2014				21.41	3814.34
	7-Nov-2013				20.29	3815.46
	6-Aug-2013				19.99	3815.76
	7-May-2013				20.53	3815.22
	7-Feb-2013				20.01	3815.74
25-Oct-2012	19.18	3816.57				
30-Jul-2012	18.24	3817.51				
24-Apr-2012	18.57	3817.18				
24-Jan-2012	18.63	3817.12				
13-Dec-2011	18.51	3817.24				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
177-04	12-May-2020	416796.99	1513733.28	3840.33	25.90	3814.43
	5-Feb-2020				25.10	3815.23
	8-Nov-2019				24.89	3815.44
	1-Aug-2019				25.88	3814.45
	8-May-2019				25.81	3814.52
	19-Feb-2019				24.75	3815.58
	12-Nov-2018				24.35	3815.98
	6-Aug-2018				24.29	3816.04
	17-May-2018				26.17	3814.16
	5-Feb-2018				25.52	3814.81
	6-Nov-2017				25.30	3815.03
	16-Aug-2017				25.27	3815.06
	15-May-2017				26.80	3813.53
	7-Feb-2017				26.85	3813.48
	7-Nov-2016				26.21	3814.12
	15-Aug-2016				26.13	3814.20
	16-May-2016				27.45	3812.88
	9-Feb-2016				27.84	3812.49
	5-Nov-2015				26.89	3813.44
	5-Aug-2015				26.25	3814.08
	6-May-2015				26.49	3813.84
	6-Feb-2015				26.58	3813.75
	10-Nov-2014				25.75	3814.58
	13-Aug-2014				24.52	3815.81
	13-May-2014				25.46	3814.87
	12-Feb-2014				25.62	3814.71
	7-Nov-2013				24.75	3815.58
	6-Aug-2013				24.12	3816.21
	7-May-2013				24.67	3815.66
	7-Feb-2013				24.29	3816.04
	25-Oct-2012				23.49	3816.84
	30-Jul-2012				22.68	3817.65
	24-Apr-2012				23.36	3816.97
	24-Jan-2012				22.47	3817.86
	7-Dec-2011				22.97	3817.36
	19-Jul-2011				21.66	3818.67
	19-Apr-2011				21.41	3818.92
	17-Jan-2011				21.22	3819.11
	15-Sep-2010				20.36	3819.97
	23-Jun-2010				21.05	3819.28
22-Mar-2010	21.71	3818.62				
8-Dec-2009	21.14	3819.19				
28-Aug-2009	20.86	3819.47				
27-May-2009	21.13	3819.20				
10-Dec-2008	21.37	3818.96				
27-Sep-2008	20.86	3819.47				
10-Jun-2008	21.63	3818.70				
6-Feb-2008	21.59	3818.74				
13-Nov-2007	21.30	3819.03				
13-Sep-2007	20.84	3819.49				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
177-05	12-May-2020	417302.42	1514116.55	3852.16	38.40	3813.76
	5-Feb-2020				38.02	3814.14
	8-Nov-2019				37.30	3814.86
	1-Aug-2019				38.59	3813.57
	8-May-2019				38.30	3813.86
	19-Feb-2019				38.20	3813.96
	12-Nov-2018				37.63	3814.53
	6-Aug-2018				37.30	3814.86
	17-May-2018				38.60	3813.56
	5-Feb-2018				37.80	3814.36
	6-Nov-2017				37.78	3814.38
	8-Aug-2017				38.26	3813.90
	15-May-2017				39.16	3813.00
	7-Feb-2017				38.95	3813.21
	7-Nov-2016				38.58	3813.58
	15-Aug-2016				38.84	3813.32
	16-May-2016				39.71	3812.45
	9-Feb-2016				39.25	3812.91
	5-Nov-2015				38.90	3813.26
	5-Aug-2015				38.65	3813.51
	6-May-2015				38.97	3813.19
	6-Feb-2015				38.48	3813.68
	10-Nov-2014				37.80	3814.36
	13-Aug-2014				36.70	3815.46
	13-May-2014				37.60	3814.56
	12-Feb-2014				37.51	3814.65
	6-Nov-2013				36.95	3815.21
	6-Aug-2013				36.02	3816.14
	7-May-2013				36.74	3815.42
	7-Feb-2013				36.21	3815.95
	25-Oct-2012				35.72	3816.44
	30-Jul-2012				36.39	3815.77
	24-Apr-2012				36.04	3816.12
	24-Jan-2012				35.02	3817.14
7-Dec-2011	35.19	3816.97				
19-Jul-2011	34.07	3818.09				
19-Apr-2011	32.91	3819.25				
17-Jan-2011	33.72	3818.44				
15-Sep-2010	32.68	3819.48				
23-Jun-2010	33.59	3818.57				
22-Mar-2010	34.10	3818.06				
8-Dec-2009	33.22	3818.94				
28-Aug-2009	32.95	3819.21				
26-May-2009	33.26	3818.90				
10-Dec-2008	33.60	3818.56				
27-Sep-2008	32.95	3819.21				
10-Jun-2008	33.96	3818.20				
6-Feb-2008	33.58	3818.58				
13-Nov-2007	33.27	3818.89				
13-Sep-2007	33.12	3819.04				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
177-06	12-May-2020	417301.84	1514765.63	3866.02	Dry	
	5-Feb-2020				Dry	
	8-Nov-2019				Dry	
	1-Aug-2019				Dry	
	8-May-2019				Dry	
	19-Feb-2019				Dry	
	12-Nov-2018				Dry	
	6-Aug-2018				Dry	
	17-May-2018				Dry	
	5-Feb-2018				Dry	
	6-Nov-2017				Dry	
	8-Aug-2017				Dry	
	15-May-2017				Dry	
	7-Feb-2017				Dry	
	7-Nov-2016				Dry	
	15-Aug-2016				Dry	
	16-May-2016				Dry	
	9-Feb-2016				Dry	
	5-Nov-2015				Dry	
	5-Aug-2015				Dry	
	6-May-2015				Dry	
	6-Feb-2015				Dry	
	5-Nov-2014				Dry	
	13-Aug-2014				Dry	
	12-May-2014				Dry	
	12-Feb-2014				Dry	
	7-Nov-2013				51.65	3814.37
	6-Aug-2013				51.11	3814.91
	7-May-2013				51.50	3814.52
	7-Feb-2013				50.43	3815.59
	25-Oct-2012				50.81	3815.21
	30-Jul-2012				51.09	3814.93
	24-Apr-2012				Dry	
	24-Jan-2012				49.40	3816.62
	7-Dec-2011				49.85	3816.17
	19-Jul-2011				49.31	3816.71
	19-Apr-2011				48.92	3817.10
	17-Jan-2011				48.18	3817.84
	15-Sep-2010				47.64	3818.38
	23-Jun-2010				48.79	3817.23
	22-Mar-2010				49.12	3816.90
8-Dec-2009	47.60	3818.42				
28-Aug-2009	47.53	3818.49				
26-May-2009	48.03	3817.99				
10-Dec-2008	48.72	3817.30				
27-Sep-2008	47.52	3818.50				
10-Jun-2008	49.31	3816.71				
6-Feb-2008	48.00	3818.02				
13-Nov-2007	48.88	3817.14				
13-Sep-2007	48.84	3817.18				



**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
177-07R	11-May-2020	415240.93	1515476.47	3858.91	47.26	3811.65
	5-Feb-2020				46.62	3812.29
	8-Nov-2019				46.39	3812.52
	1-Aug-2019				47.65	3811.26
	8-May-2019				47.23	3811.68
	19-Feb-2019				46.60	3812.31
	12-Nov-2018				46.70	3812.21
	6-Aug-2018				47.09	3811.82
	17-May-2018				47.00	3811.91
	5-Feb-2018				46.16	3812.75
	6-Nov-2017				46.62	3812.29
	8-Aug-2017				47.30	3811.61
	15-May-2017				47.68	3811.23
	7-Feb-2017				47.06	3811.85
	7-Nov-2016				47.50	3811.41
	15-Aug-2016				48.12	3810.79
	16-May-2016				48.09	3810.82
	9-Feb-2016				47.42	3811.49
	5-Nov-2015				47.57	3811.34
	5-Aug-2015				47.67	3811.24
	6-May-2015				47.35	3811.56
	6-Feb-2015				46.70	3812.21
	10-Nov-2014				46.53	3812.38
	13-Aug-2014				45.50	3813.41
	13-May-2014				46.66	3812.25
	12-Feb-2014				45.90	3813.01
	7-Nov-2013				45.50	3813.41
	6-Aug-2013				45.51	3813.40
	7-May-2013				45.22	3813.69
	7-Feb-2013				44.44	3814.47
	25-Oct-2012				43.98	3814.93
	30-Jul-2012				43.60	3815.31
24-Apr-2012	43.56	3815.35				
24-Jan-2012	43.08	3815.83				
7-Dec-2011	43.46	3815.45				
19-Jul-2011	42.91	3816.00				
19-Apr-2011	41.96	3816.95				
177-07	5-Nov-2014	415258.95	1515471.64	3859.96	Plugged and Abandoned	
	17-Jan-2011				Dry	
	15-Sep-2010				Dry	
	23-Jun-2010				Dry	
	22-Mar-2010				Dry	
	8-Dec-2009				Dry	
	10-Dec-2008				Dry	
	27-Sep-2008				Dry	
	10-Jun-2008				Dry	
	6-Feb-2008				Dry	
	13-Nov-2007				Dry	
	13-Sep-2007				Dry	

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
<b>CENTRAL AREA</b>						
<b>Buena Vista Dairy II</b>						
74-01	3-May-2022	405434.93	1519310.15	3841.01	37.51	3803.50
	9-Feb-2022				36.65	3804.36
	3-Nov-2021				37.60	3803.41
	6-Aug-2021				37.70	3803.31
	5-May-2021				36.69	3804.32
	11-Feb-2021				35.79	3805.22
	3-Nov-2020				36.49	3804.52
	11-Aug-2020				36.47	3804.54
	12-May-2020				36.35	3804.66
	5-Feb-2020				35.94	3805.07
	8-Nov-2019				36.71	3804.30
	1-Aug-2019				37.18	3803.83
	9-May-2019				37.05	3803.96
	20-Feb-2019				35.75	3805.26
	13-Nov-2018				36.24	3804.77
	7-Aug-2018				36.32	3804.69
	17-May-2018				36.35	3804.66
	6-Feb-2018				35.04	3805.97
	6-Nov-2017				35.65	3805.36
	7-Aug-2017				36.51	3804.50
	16-May-2017				37.00	3804.01
	7-Feb-2017				35.73	3805.28
	8-Nov-2016				36.17	3804.84
	16-Aug-2016				37.04	3803.97
	17-May-2016				37.32	3803.69
	9-Feb-2016				36.00	3805.01
	5-Nov-2015				36.63	3804.38
	6-Aug-2015				37.05	3803.96
	6-May-2015				37.38	3803.63
	5-Feb-2015				35.45	3805.56
	5-Nov-2014				36.66	3804.35
	13-Aug-2014				36.71	3804.30
	18-Jun-2014				37.09	3803.92
	12-Feb-2014				35.17	3805.84
	6-Nov-2013				35.77	3805.24
	6-Aug-2013				36.56	3804.45
	7-May-2013				35.02	3805.99
	7-Feb-2013				33.64	3807.37
	25-Oct-2012				34.94	3806.07
	31-Jul-2012				34.53	3806.48
	24-Apr-2012				34.27	3806.74
	24-Jan-2012				33.36	3807.65
	8-Dec-2011				33.63	3807.38
	19-Jul-2011				33.31	3807.70
	20-Apr-2011				31.97	3809.04
	21-Jan-2011				32.23	3808.78
	16-Sep-2010				31.97	3809.04
	23-Jun-2010				32.08	3808.93
	22-Mar-2010				32.07	3808.94
	8-Dec-2009				31.45	3809.56
	28-Aug-2009				32.20	3808.81
	26-May-2009				32.20	3808.81
	10-Dec-2008				31.31	3809.70
	27-Sep-2008				31.64	3809.37
	10-Jun-2008				32.00	3809.01
	5-Feb-2008				31.66	3809.35
	14-Nov-2007				31.21	3809.80
	12-Sep-2007				31.63	3809.38

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
74-02	7-May-2022	404574.08	1519035.52	3820.58	18.11	3802.47
	8-Feb-2022				17.23	3803.35
	3-Nov-2021				18.03	3802.55
	6-Aug-2021				18.20	3802.38
	5-May-2021				16.85	3803.73
	11-Feb-2021				15.99	3804.59
	3-Nov-2020				16.70	3803.88
	11-Aug-2020				17.28	3803.30
	12-May-2020				17.68	3802.90
	5-Feb-2020				16.10	3804.48
	8-Nov-2019				16.98	3803.60
	1-Aug-2019				17.57	3803.01
	9-May-2019				17.55	3803.03
	20-Feb-2019				16.00	3804.58
	13-Nov-2018				16.50	3804.08
	7-Aug-2018				16.61	3803.97
	17-May-2018				16.77	3803.81
	6-Feb-2018				15.16	3805.42
	6-Nov-2017				15.76	3804.82
	7-Aug-2017				16.87	3803.71
	16-May-2017				17.61	3802.97
	7-Feb-2017				16.01	3804.57
	8-Nov-2016				16.46	3804.12
	16-Aug-2016				17.59	3802.99
	17-May-2016				18.13	3802.45
	9-Feb-2016				16.40	3804.18
	5-Nov-2015				17.16	3803.42
	6-Aug-2015				17.89	3802.69
	6-May-2015				18.11	3802.47
	5-Feb-2015				16.00	3804.58
	5-Nov-2014				17.16	3803.42
	13-Aug-2014				17.50	3803.08
	18-Jun-2014				18.13	3802.45
	12-Feb-2014				15.75	3804.83
	6-Nov-2013				17.07	3803.51
	6-Aug-2013				17.55	3803.03
	7-May-2013				16.22	3804.36
	7-Feb-2013				15.84	3804.74
	25-Oct-2012				16.02	3804.56
	31-Jul-2012				15.09	3805.49
24-Apr-2012	14.30	3806.28				
24-Jan-2012	13.96	3806.62				
8-Dec-2011	15.49	3805.09				
19-Jul-2011	14.19	3806.39				
20-Apr-2011	12.45	3808.13				
17-Jan-2011	12.53	3808.05				
16-Sep-2010	12.45	3808.13				
23-Jun-2010	12.87	3807.71				
22-Mar-2010	12.72	3807.86				
8-Dec-2009	11.88	3808.70				
28-Aug-2009	12.53	3808.05				
26-May-2009	12.70	3807.88				
10-Dec-2008	11.65	3808.93				
27-Sep-2008	12.03	3808.55				
10-Jun-2008	12.39	3808.19				
5-Feb-2008	11.94	3808.64				
14-Nov-2007	11.52	3809.06				
12-Sep-2007	12.33	3808.25				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
74-03	3-May-2022	407163.61	1516711.72	3823.36	17.60	3805.76
	8-Feb-2022				16.81	3806.55
	3-Nov-2021				17.25	3806.11
	6-Aug-2021				16.97	3806.39
	5-May-2021				16.20	3807.16
	11-Feb-2021				15.61	3807.75
	3-Nov-2020				15.67	3807.69
	11-Aug-2020				15.97	3807.39
	12-May-2020				16.51	3806.85
	5-Feb-2020				15.68	3807.68
	8-Nov-2019				15.77	3807.59
	1-Aug-2019				16.55	3806.81
	9-May-2019				16.39	3806.97
	20-Feb-2019				15.57	3807.79
	13-Nov-2018				15.68	3807.68
	7-Aug-2018				15.40	3807.96
	17-May-2018				15.50	3807.86
	6-Feb-2018				14.67	3808.69
	6-Nov-2017				14.71	3808.65
	7-Aug-2017				15.56	3807.80
	16-May-2017				16.38	3806.98
	7-Feb-2017				15.53	3807.83
	8-Nov-2016				15.57	3807.79
	16-Aug-2016				16.01	3807.35
	20-May-2016				16.57	3806.79
	9-Feb-2016				16.05	3807.31
	5-Nov-2015				16.10	3807.26
	5-Aug-2015				16.16	3807.20
	6-May-2015				16.29	3807.07
	5-Feb-2015				15.75	3807.61
	5-Nov-2014				15.67	3807.69
	13-Aug-2014				16.07	3807.29
	18-Jun-2014				16.73	3806.63
	12-Feb-2014				15.63	3807.73
	6-Nov-2013				15.53	3807.83
	6-Aug-2013				15.43	3807.93
	7-May-2013				14.85	3808.51
	7-Feb-2013				13.93	3809.43
	25-Oct-2012				14.22	3809.14
	31-Jul-2012				14.17	3809.19
24-Apr-2012	13.99	3809.37				
24-Jan-2012	13.60	3809.76				
8-Dec-2011	13.70	3809.66				
19-Jul-2011	13.17	3810.19				
20-Apr-2011	12.11	3811.25				
17-Jan-2011	12.63	3810.73				
16-Sep-2010	12.41	3810.95				
23-Jun-2010	12.72	3810.64				
22-Mar-2010	12.94	3810.42				
8-Dec-2009	12.88	3810.48				
28-Aug-2009	12.63	3810.73				
26-May-2009	12.94	3810.42				
10-Dec-2008	13.00	3810.36				
27-Sep-2008	12.94	3810.42				
10-Jun-2008	12.66	3810.7				
5-Feb-2008	12.94	3810.42				
14-Nov-2007	12.77	3810.59				
12-Sep-2007	12.53	3810.83				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
74-04	3-May-2022	405488.65	1519864.48	3853.17	49.72	3803.45
	9-Feb-2022				48.85	3804.32
	3-Nov-2021				49.70	3803.47
	6-Aug-2021				49.62	3803.55
	5-May-2021				48.95	3804.22
	11-Feb-2021				48.09	3805.08
	3-Nov-2020				48.71	3804.46
	11-Aug-2020				48.93	3804.24
	12-May-2020				49.21	3803.96
	5-Feb-2020				48.21	3804.96
	8-Nov-2019				48.95	3804.22
	1-Aug-2019				49.30	3803.87
	9-May-2019				49.00	3804.17
	20-Feb-2019				47.95	3805.22
	13-Nov-2018				48.45	3804.72
	7-Aug-2018				48.48	3804.69
	17-May-2018				48.37	3804.80
	6-Feb-2017				47.35	3805.82
	6-Nov-2017				47.95	3805.22
	7-Aug-2017				48.78	3804.39
	16-May-2017				49.00	3804.17
	7-Feb-2017				47.97	3805.20
	8-Nov-2016				48.44	3804.73
	16-Aug-2016				49.27	3803.90
	17-May-2016				NM	NM
	9-Feb-2016				48.35	3804.82
	5-Nov-2015				49.03	3804.14
	6-Aug-2015				49.21	3803.96
	6-May-2015				49.44	3803.73
	5-Feb-2015				47.86	3805.31
	5-Nov-2014				49.58	3803.59
	13-Aug-2014				49.12	3804.05
	18-Jun-2014				49.35	3803.82
	12-Feb-2014				47.75	3805.42
	6-Nov-2013				48.06	3805.11
	6-Aug-2013				48.55	3804.62
	7-May-2013				47.45	3805.72
	7-Feb-2013				46.31	3806.86
	25-Oct-2012				46.96	3806.21
	31-Jul-2012				47.16	3806.01
24-Apr-2012	47.05	3806.12				
24-Jan-2012	45.78	3807.39				
8-Dec-2011	45.98	3807.19				
19-Jul-2011	45.61	3807.56				
20-Apr-2011	44.19	3808.98				
17-Jan-2011	44.02	3809.15				
16-Sep-2010	44.19	3808.98				
23-Jun-2010	44.26	3808.91				
22-Mar-2010	44.25	3808.92				
8-Dec-2009	43.86	3809.31				
28-Aug-2009	44.49	3808.68				
26-May-2009	44.56	3808.61				
10-Dec-2008	43.70	3809.47				
27-Sep-2008	43.99	3809.18				
10-Jun-2008	44.40	3808.77				
5-Feb-2008	43.41	3809.76				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
74-05	3-May-2022	404747.71	1519885.3	3845.35	42.39	3802.96
	9-Feb-2022				41.68	3803.67
	3-Nov-2021				42.40	3802.95
	6-Aug-2021				42.50	3802.85
	5-May-2021				41.60	3803.75
	11-Feb-2021				40.73	3804.62
	3-Nov-2020				41.40	3803.95
	11-Aug-2020				40.92	3804.43
	12-May-2020				41.83	3803.52
	5-Feb-2020				40.90	3804.45
	8-Nov-2019				41.68	3803.67
	1-Aug-2019				42.12	3803.23
	9-May-2019				41.87	3803.48
	20-Feb-2019				40.65	3804.70
	13-Nov-2018				41.18	3804.17
	7-Aug-2018				41.22	3804.13
	17-May-2018				41.19	3804.16
	6-Feb-2018				39.97	3805.38
	6-Nov-2017				40.59	3804.76
	7-Aug-2017				41.59	3803.76
	16-May-2017				41.93	3803.42
	7-Feb-2017				40.74	3804.61
	8-Nov-2016				41.23	3804.12
	16-Aug-2016				42.23	3803.12
	17-May-2016				42.62	3802.73
	9-Feb-2016				41.19	3804.16
	5-Nov-2015				42.00	3803.35
	6-Aug-2015				42.35	3803.00
	6-May-2015				41.63	3803.72
	5-Feb-2015				40.78	3804.57
	5-Nov-2014				41.99	3803.36
	13-Aug-2014				42.28	3803.07
	18-Jun-2014				42.73	3802.62
	12-Feb-2014				40.76	3804.59
	6-Nov-2013				41.17	3804.18
	6-Aug-2013				41.80	3803.55
	7-May-2013				40.98	3804.37
	7-Feb-2013				39.40	3805.95
	25-Oct-2012				40.33	3805.02
	31-Jul-2012				40.19	3805.16
	24-Apr-2012				40.05	3805.30
	24-Jan-2012				38.78	3806.57
	8-Dec-2011				39.18	3806.17
	19-Jul-2011				38.84	3806.51
	20-Apr-2011				37.99	3807.36
	17-Jan-2011				36.96	3808.39
	16-Sep-2010				37.00	3808.35
	23-Jun-2010				37.44	3807.91
	22-Mar-2010				37.23	3808.12
	8-Dec-2009				36.74	3808.61
	28-Aug-2009				37.32	3808.03
	26-May-2009				37.47	3807.88
	10-Dec-2008				36.53	3808.82
	27-Sep-2008				36.88	3808.47
	10-Jun-2008				37.39	3807.96
	5-Feb-2008				36.77	3808.58

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
<b>River Valley Dairy</b>						
167-01	6-Feb-2018	402518.37	1518459.71	3818.94	14.31	3804.63
	7-Nov-2017				14.48	3804.46
	7-Aug-2017				15.27	3803.67
	16-May-2017				17.65	3801.29
	7-Feb-2017				15.31	3803.63
	8-Nov-2016				15.63	3803.31
	30-Aug-2016				15.90	3803.04
	20-May-2016				18.97	3799.97
	10-Feb-2016				16.37	3802.57
	5-Nov-2015				17.30	3801.64
	6-Aug-2015				17.91	3801.03
	6-May-2015				18.04	3800.90
	5-Feb-2015				16.18	3802.76
	10-Nov-2014				17.86	3801.08
	13-Aug-2014				18.49	3800.45
	18-Jun-2014				19.77	3799.17
	12-Feb-2014				16.81	3802.13
	6-Nov-2013				18.82	3800.12
	6-Aug-2013				19.11	3799.83
	7-May-2013				18.43	3800.51
	7-Feb-2013				17.02	3801.92
	25-Oct-2012				17.23	3801.71
	31-Jul-2012				16.91	3802.03
	24-Apr-2012				16.01	3802.93
	24-Jan-2012				14.60	3804.34
	8-Dec-2011				15.06	3803.88
	19-Jul-2011				16.81	3802.13
	25-Apr-2011				14.51	3804.43
	17-Jan-2011				12.33	3806.61
	15-Sep-2010				12.19	3806.75
25-Jun-2010	13.31	3805.63				
22-Mar-2010	13.46	3805.48				
8-Dec-2009	12.11	3806.83				
28-Aug-2009	11.99	3806.95				
26-May-2009	12.43	3806.51				
10-Dec-2008	12.13	3806.81				
27-Sep-2008	12.09	3806.85				
10-Jun-2008	12.95	3805.99				
5-Feb-2008	12.62	3806.32				
14-Nov-2007	12.68	3806.26				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
167-01A	6-Feb-2018	402518.18	1518936.72	3818.88	14.50	3804.38
	7-Nov-2017				14.82	3804.06
	7-Aug-2017				15.79	3803.09
	16-May-2017				17.62	3801.26
	7-Feb-2017				15.45	3803.43
	8-Nov-2016				15.89	3802.99
	30-Aug-2016				16.41	3802.47
	16-May-2016				18.81	3800.07
	10-Feb-2016				16.50	3802.38
	5-Nov-2015				17.51	3801.37
	6-Aug-2015				18.10	3800.78
	6-May-2015				18.84	3800.04
	5-Feb-2015				16.32	3802.56
	5-Nov-2014				17.35	3801.53
	13-Aug-2014				18.34	3800.54
	18-Jun-2014				19.65	3799.23
	12-Feb-2014				16.79	3802.09
	6-Nov-2013				18.19	3800.69
	6-Aug-2013				18.54	3800.34
	7-May-2013				18.22	3800.66
	7-Feb-2013				17.45	3801.43
	25-Oct-2012				17.38	3801.50
	31-Jul-2012				17.08	3801.80
	24-Apr-2012				16.29	3802.59
	24-Jan-2012				14.59	3804.29
	13-Dec-2011				15.13	3803.75
	19-Jul-2011				16.04	3802.84
	25-Apr-2011				14.13	3804.75
	17-Jan-2011				12.38	3806.50
	15-Sep-2010				12.21	3806.67
22-Jun-2010	13.74	3805.14				
22-Mar-2010	13.22	3805.66				
8-Dec-2009	12.17	3806.71				
28-Aug-2009	12.23	3806.65				
26-May-2009	12.62	3806.26				
10-Dec-2008	12.03	3806.85				
27-Sep-2008	12.18	3806.70				
10-Jun-2008	13.16	3805.72				



**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
167-02	6-Feb-2018	402498.3	1519354.81	3819.64	15.80	3803.84
	7-Nov-2017				16.18	3803.46
	7-Aug-2017				16.75	3802.89
	16-May-2017				18.97	3800.67
	7-Feb-2017				16.90	3802.74
	8-Nov-2016				17.22	3802.42
	30-Aug-2016				17.38	3802.26
	16-May-2016				20.44	3799.20
	10-Feb-2016				17.88	3801.76
	5-Nov-2015				18.70	3800.94
	6-Aug-2015				18.98	3800.66
	12-May-2015				20.88	3798.76
	6-May-2015				21.50	3798.14
	5-Feb-2015				17.25	3802.39
	10-Nov-2014				Dry	
	13-Aug-2014				19.35	3800.29
	18-Jun-2014				Dry	
	12-Feb-2014				17.94	3801.70
	6-Nov-2013				Dry	
	6-Aug-2013				Dry	
	7-May-2013				Dry	
	7-Feb-2013				Dry	
	25-Oct-2012				Dry	
	31-Jul-2012				Dry	
	24-Apr-2012				Dry	
	24-Jan-2012				15.84	3803.80
	8-Dec-2011				15.92	3803.72
	19-Jul-2011				Dry	
	25-Apr-2011				13.48	3806.16
	17-Jan-2011				13.49	3806.15
	15-Sep-2010				13.68	3805.96
	22-Jun-2010				15.23	3804.41
	22-Mar-2010				14.69	3804.95
8-Dec-2009	13.32	3806.32				
28-Aug-2009	13.65	3805.99				
26-May-2009	13.86	3805.78				
10-Dec-2008	13.43	3806.21				
27-Sep-2008	13.71	3805.93				
10-Jun-2008	14.70	3804.94				
5-Feb-2008	13.54	3806.10				
14-Nov-2007	13.65	3805.99				
11-Sep-2007	13.98	3805.66				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
167-03	6-Feb-2018	402981.73	1519415.73	3825.66	21.15	3804.51
	7-Nov-2017				21.68	3803.98
	7-Aug-2017				22.76	3802.90
	16-May-2017				24.00	3801.66
	7-Feb-2017				22.09	3803.57
	8-Nov-2016				22.55	3803.11
	30-Aug-2016				23.22	3802.44
	16-May-2016				25.07	3800.59
	10-Feb-2016				22.98	3802.68
	5-Nov-2015				23.96	3801.70
	6-Aug-2015				24.52	3801.14
	6-May-2015				24.58	3801.08
	5-Feb-2015				22.70	3802.96
	10-Nov-2014				24.45	3801.21
	13-Aug-2014				24.81	3800.85
	18-Jun-2014				25.84	3799.82
	12-Feb-2014				23.04	3802.62
	6-Nov-2013				24.79	3800.87
	6-Aug-2013				25.27	3800.39
	7-May-2013				22.99	3802.67
	7-Feb-2013				22.06	3803.60
	25-Oct-2012				23.49	3802.17
	31-Jul-2012				22.63	3803.03
	24-Apr-2012				21.97	3803.69
	24-Jan-2012				20.94	3804.72
	8-Dec-2011				21.73	3803.93
	19-Jul-2011				23.22	3802.44
	25-Apr-2011				18.78	3806.88
	17-Jan-2011				18.86	3806.80
	15-Sep-2010				18.81	3806.85
	22-Jun-2010				19.90	3805.76
	22-Mar-2010				19.71	3805.95
8-Dec-2009	18.62	3807.04				
28-Aug-2009	18.90	3806.76				
27-May-2009	19.26	3806.40				
10-Dec-2008	18.41	3807.25				
27-Sep-2008	18.72	3806.94				
10-Jun-2008	19.82	3805.84				
5-Feb-2008	18.64	3807.02				
14-Nov-2007	18.55	3807.11				
11-Sep-2007	19.02	3806.64				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
167-04	6-Feb-2018	402032.19	1519884.6	3827.60	23.45	3804.15
	7-Nov-2017				23.84	3803.76
	7-Aug-2017				24.68	3802.92
	16-May-2017				26.21	3801.39
	7-Feb-2017				24.34	3803.26
	8-Nov-2016				24.87	3802.73
	30-Aug-2016				25.30	3802.30
	16-May-2016				27.10	3800.50
	10-Feb-2016				25.37	3802.23
	5-Nov-2015				26.23	3801.37
	6-Aug-2015				26.73	3800.87
	6-May-2015				27.07	3800.53
	5-Feb-2015				25.22	3802.38
	10-Nov-2014				26.18	3801.42
	13-Aug-2014				26.91	3800.69
	18-Jun-2014				27.94	3799.66
	12-Feb-2014				25.42	3802.18
	6-Nov-2013				26.38	3801.22
	6-Aug-2013				26.70	3800.90
	7-May-2013				25.59	3802.01
	7-Feb-2013				24.84	3802.76
	25-Oct-2012				25.60	3802.00
	31-Jul-2012				25.19	3802.41
	24-Apr-2012				25.05	3802.55
	24-Jan-2012				23.36	3804.24
	8-Dec-2011				24.01	3803.59
	19-Jul-2011				24.36	3803.24
	25-Apr-2011				21.23	3806.37
	17-Jan-2011				21.18	3806.42
	15-Sep-2010				Well Damaged	
	22-Jun-2010					
	22-Mar-2010					
	8-Dec-2009					
	28-Aug-2009				21.57	3806.03
	26-May-2009				21.60	3806.00
	10-Dec-2008				21.01	3806.59
	27-Sep-2008				21.01	3806.59
	10-Jun-2008				22.20	3805.40
	5-Feb-2008				21.51	3806.09
	14-Nov-2007				21.44	3806.16
	11-Sep-2007				21.68	3805.92

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
167-05	6-Feb-2018	397947.44	1520446.03	3815.44	14.61	3800.83
	7-Nov-2017				14.59	3800.85
	7-Aug-2017				14.94	3800.50
	16-May-2017				16.91	3798.53
	7-Feb-2017				15.40	3800.04
	8-Nov-2016				15.97	3799.47
	30-Aug-2016				15.43	3800.01
	16-May-2016				17.69	3797.75
	10-Feb-2016				16.42	3799.02
	5-Nov-2015				16.96	3798.48
	6-Aug-2015				16.12	3799.32
	6-May-2015				17.98	3797.46
	5-Feb-2015				16.13	3799.31
	10-Nov-2014				16.84	3798.60
	13-Aug-2014				15.94	3799.50
	18-Jun-2014				17.19	3798.25
	12-Feb-2014				15.73	3799.71
	6-Nov-2013				15.75	3799.69
	6-Aug-2013				16.03	3799.41
	7-May-2013				15.42	3800.02
	7-Feb-2013				14.96	3800.48
	25-Oct-2012				15.74	3799.70
	31-Jul-2012				15.60	3799.84
	24-Apr-2012				14.99	3800.45
	30-Jan-2012				13.86	3801.58
	13-Dec-2011				14.10	3801.34
	19-Jul-2011				13.69	3801.75
	19-Apr-2011				12.97	3802.47
	17-Jan-2011				11.90	3803.54
	15-Sep-2010				11.52	3803.92
	25-Jun-2010				12.43	3803.01
	22-Mar-2010				12.22	3803.22
	8-Dec-2009				11.96	3803.48
28-Aug-2009	11.63	3803.81				
26-May-2009	11.45	3803.99				
10-Dec-2008	11.54	3803.90				
27-Sep-2008	11.20	3804.24				
10-Jun-2008	12.65	3802.79				
5-Feb-2008	12.36	3803.08				
14-Nov-2007	12.77	3802.67				
11-Sep-2007	12.91	3802.53				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
167-06	6-Feb-2018	404479.35	1519603.88	3834.84	29.52	3805.32
	7-Nov-2017				30.11	3804.73
	7-Aug-2017				31.20	3803.64
	16-May-2017				31.71	3803.13
	7-Feb-2017				30.35	3804.49
	8-Nov-2016				30.83	3804.01
	30-Aug-2016				31.55	3803.29
	16-May-2016				32.40	3802.44
	10-Feb-2016				30.83	3804.01
	5-Nov-2015				31.73	3803.11
	6-Aug-2015				32.13	3802.71
	6-May-2015				32.36	3802.48
	5-Feb-2015				30.44	3804.40
	10-Nov-2014				31.33	3803.51
	13-Aug-2014				32.08	3802.76
	18-Jun-2014				32.63	3802.21
	12-Feb-2014				30.42	3804.42
	6-Nov-2013				30.95	3803.89
	6-Aug-2013				31.73	3803.11
	7-May-2013				30.83	3804.01
	7-Feb-2013				30.00	3804.84
	25-Oct-2012				30.12	3804.72
	31-Jul-2012				30.29	3804.55
	24-Apr-2012				29.84	3805.00
	24-Jan-2012				28.48	3806.36
	8-Dec-2011				29.10	3805.74
	19-Jul-2011				28.75	3806.09
	25-Apr-2011				26.71	3808.13
	17-Jan-2011				26.73	3808.11
	15-Sep-2010				26.70	3808.14
	22-Jun-2010				27.17	3807.67
	22-Mar-2010				27.02	3807.82
8-Dec-2009	26.40	3808.44				
28-Aug-2009	26.96	3807.88				
26-May-2009	27.15	3807.69				
10-Dec-2008	26.18	3808.66				
27-Sep-2008	26.54	3808.30				
10-Jun-2008	27.10	3807.74				
5-Feb-2008	26.46	3808.38				
14-Nov-2007	26.60	3808.24				
11-Sep-2007	26.74	3808.10				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
167-07	6-Feb-2018	402562.23	1518480.34	3819.08	14.23	3804.85
	7-Nov-2017				14.47	3804.61
	7-Aug-2017				15.41	3803.67
	16-May-2017				17.45	3801.63
	7-Feb-2017				15.18	3803.90
	8-Nov-2016				15.51	3803.57
	16-May-2016				16.20	3802.88
	16-May-2016				18.79	3800.29
	10-Feb-2016				16.25	3802.83
	5-Nov-2015				17.40	3801.68
	6-Aug-2015				18.28	3800.80
	6-May-2015				18.80	3800.28
	5-Feb-2015				16.26	3802.82
	10-Nov-2014				17.11	3801.97
	13-Aug-2014				18.47	3800.61
	18-Jun-2014				19.76	3799.32
	12-Feb-2014				16.88	3802.20
	6-Nov-2013				17.82	3801.26
	6-Aug-2013				18.25	3800.83
	7-May-2013				16.14	3802.94
	7-Feb-2013				15.84	3803.24
	25-Oct-2012				16.30	3802.78
	31-Jul-2012				16.09	3802.99
	24-Apr-2012				15.84	3803.24
	24-Jan-2012				14.54	3804.54
	8-Dec-2011				15.45	3803.63
	25-Jul-2011				15.39	3803.69
	25-Apr-2011				14.95	3804.13
	17-Jan-2011				12.39	3806.69
	15-Sep-2010				11.98	3807.10
22-Jun-2010	12.94	3806.14				
22-Mar-2010	13.03	3806.05				
8-Dec-2009	12.18	3806.90				
28-Aug-2009	12.06	3807.02				
26-May-2009	12.56	3806.52				
10-Dec-2008	12.24	3806.84				
27-Sep-2008	12.20	3806.88				
10-Jun-2008	13.00	3806.08				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
167-08	6-Feb-2018	399352.96	1519889.65	3817.96	14.48	3803.48
	7-Nov-2017				14.29	3803.67
	7-Aug-2017				14.42	3803.54
	16-May-2017				17.05	3800.91
	7-Feb-2017				15.22	3802.74
	8-Nov-2016				15.81	3802.15
	16-May-2016				17.68	3800.28
	10-Feb-2016				16.33	3801.63
	23-Nov-2015				16.95	3801.01
	6-Aug-2015				18.40	3799.56
	6-May-2015				19.56	3798.40
	5-Feb-2015				17.78	3800.18
	5-Nov-2014				18.31	3799.65
	13-Aug-2014				18.46	3799.50
	18-Jun-2014				19.71	3798.25
	12-Feb-2014				17.65	3800.31
	6-Nov-2013				17.68	3800.28
	6-Aug-2013				18.07	3799.89
	7-May-2013				16.99	3800.97
	7-Feb-2013				16.73	3801.23
	25-Oct-2012				17.72	3800.24
	31-Jul-2012				17.60	3800.36
	24-Apr-2012				16.71	3801.25
	24-Jan-2012				15.25	3802.71
	8-Dec-2011				15.52	3802.44
	19-Jul-2011				15.59	3802.37
	19-Apr-2011				13.95	3804.01
	17-Jan-2011				13.42	3804.54
	15-Sep-2010				12.92	3805.04
	25-Jun-2010				14.69	3803.27
	22-Mar-2010				13.73	3804.23
	8-Dec-2009				13.46	3804.50
28-Aug-2009	13.23	3804.73				
26-May-2009	12.87	3805.09				
10-Dec-2008	13.42	3804.54				
27-Sep-2008	NM	NM				
10-Jun-2008	14.02	3803.94				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
167-09	6-Feb-2018	398473.95	1519259.34	3817.00	14.95	3802.05
	7-Nov-2017				14.15	3802.85
	7-Aug-2017				14.96	3802.04
	16-May-2017				17.10	3799.90
	7-Feb-2017				15.70	3801.30
	8-Nov-2016				15.86	3801.14
	30-Aug-2016				15.33	3801.67
	16-May-2016				17.64	3799.36
	10-Feb-2016				16.66	3800.34
	5-Nov-2015				17.28	3799.72
	6-Aug-2015				16.30	3800.70
	6-May-2015				17.96	3799.04
	5-Feb-2015				16.81	3800.19
	5-Nov-2014				16.78	3800.22
	13-Aug-2014				16.92	3800.08
	18-Jun-2014				17.69	3799.31
	12-Feb-2014				16.38	3800.62
	6-Nov-2013				15.91	3801.09
	6-Aug-2013				16.22	3800.78
	7-May-2013				16.09	3800.91
	7-Feb-2013				15.36	3801.64
	25-Oct-2012				15.31	3801.69
	31-Jul-2012				15.04	3801.96
	24-Apr-2012				15.12	3801.88
	24-Jan-2012				14.60	3802.40
	8-Dec-2011				14.42	3802.58
	19-Jul-2011				13.17	3803.83
	19-Apr-2011				12.78	3804.22
	17-Jan-2011				12.70	3804.30
	15-Sep-2010				11.95	3805.05
25-Jun-2010	13.01	3803.99				
22-Mar-2010	12.88	3804.12				
8-Dec-2009	12.82	3804.18				
28-Aug-2009	12.43	3804.57				
26-May-2009	12.44	3804.56				
10-Dec-2008	12.78	3804.22				
27-Sep-2008	12.07	3804.93				
10-Jun-2008	12.94	3804.06				



**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
<b>Big Sky Dairy</b>						
833-01	5-Aug-2017	399617.23	1521136.33	3839.55	Plugged and Abandoned	
	16-May-2017				Dry	
	7-Feb-2017				Dry	
	8-Nov-2016				Dry	
	16-Aug-2016				Dry	
	17-May-2016				Dry	
	10-Feb-2016				Dry	
	5-Nov-2015				Dry	
	17-Aug-2015				Dry	
	6-May-2015				Dry	
	6-Feb-2015				Dry	
	5-Nov-2014				Dry	
	12-Aug-2014				Dry	
	18-Jun-2014				Dry	
	12-Feb-2014				Dry	
	6-Nov-2013				Dry	
	6-Aug-2013				Dry	
	8-May-2013				Dry	
	7-Feb-2013				Dry	
	25-Oct-2012				Dry	
	1-Aug-2012				Dry	
	24-Apr-2012				Dry	
	24-Jan-2012				Dry	
	8-Dec-2011				Dry	
	18-Jul-2011				Dry	
	19-Apr-2001				35.44	3804.11
	17-Jan-2011				35.20	3804.35
	14-Sep-2010				34.76	3804.79
	22-Jun-2010				36.08	3803.47
	22-Mar-2010				35.49	3804.06
	8-Dec-2009				35.25	3804.30
	28-Aug-2009				35.25	3804.30
26-May-2009	34.69	3804.86				
10-Dec-2008	34.99	3804.56				
28-Sep-2008	34.58	3804.97				
10-Jun-2008	36.13	3803.42				
5-Feb-2008	35.51	3804.04				
14-Nov-2007	35.70	3803.85				
12-Sep-2007	35.79	3803.76				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
833-02	4-May-2022	401200.32	1520639.92	3836.04	35.60	3800.44
	9-Feb-2022				34.64	3801.40
	3-Nov-2021				35.41	3800.63
	6-Aug-2021				35.89	3800.15
	5-May-2021				34.56	3801.48
	12-Feb-2021				33.94	3802.10
	4-Nov-2020				34.15	3801.89
	11-Aug-2020				34.18	3801.86
	12-May-2020				33.99	3802.05
	6-Feb-2020				33.48	3802.56
	8-Nov-2019				33.16	3802.88
	5-Aug-2019				35.51	3800.53
	9-May-2019				35.18	3800.86
	20-Feb-2019				33.90	3802.14
	13-Nov-2018				34.43	3801.61
	7-Aug-2018				34.42	3801.62
	14-May-2018				34.05	3801.99
	6-Feb-2018				33.45	3802.59
	7-Nov-2017				33.19	3802.85
	9-Aug-2017				33.78	3802.26
	16-May-2017				35.28	3800.76
	7-Feb-2017				33.80	3802.24
	8-Nov-2016				34.24	3801.80
	16-Aug-2016				34.85	3801.19
	17-May-2016				35.69	3800.35
	10-Feb-2016				34.79	3801.25
	5-Nov-2015				35.48	3800.56
	6-Aug-2015				35.90	3800.14
	6-May-2015				37.04	3799.00
	6-Feb-2015				35.20	3800.84
	5-Nov-2014				35.48	3800.56
	12-Aug-2014				36.02	3800.02
	18-Jun-2014				36.72	3799.32
	12-Feb-2014				34.61	3801.43
	6-Nov-2013				34.80	3801.24
	6-Aug-2013				35.44	3800.60
	8-May-2013				35.13	3800.91
	7-Feb-2013				33.42	3802.62
	25-Oct-2012				34.61	3801.43
	1-Aug-2012				34.90	3801.14
	24-Apr-2012				33.49	3802.55
	24-Jan-2012				34.01	3802.03
	8-Dec-2011				33.08	3802.96
	18-Jul-2011				32.92	3803.12
	19-Apr-2011				31.92	3804.12
	17-Jan-2011				30.43	3805.61
	14-Sep-2010				30.34	3805.70
	22-Jun-2010				31.37	3804.67
	22-Mar-2010				30.87	3805.17
	8-Dec-2009				30.40	3805.64
	28-Aug-2009				30.58	3805.46
	26-May-2009				30.24	3805.80
	10-Dec-2008				30.13	3805.91
	28-Sep-2008				29.80	3806.24
	10-Jun-2008				31.21	3804.83
	5-Feb-2008				30.63	3805.41
	14-Nov-2007				30.60	3805.44
	12-Sep-2007				30.63	3805.41

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
833-03	5-Aug-2017	401392.09	1521955.23	3867.06	Plugged and Abandoned	
	16-May-2017				Dry	
	7-Feb-2017				Dry	
	8-Nov-2016				Dry	
	16-Aug-2016				Dry	
	17-May-2016				Dry	
	10-Feb-2016				Dry	
	5-Nov-2015				Dry	
	17-Aug-2015				Dry	
	6-May-2015				Dry	
	6-Feb-2015				Dry	
	5-Nov-2014				Dry	
	12-Aug-2014				Dry	
	18-Jun-2014				Dry	
	12-Feb-2014				Dry	
	6-Nov-2013				Dry	
	6-Aug-2013				Dry	
	8-May-2013				Dry	
	7-Feb-2013				Dry	
	25-Oct-2012				Dry	
	1-Aug-2012				Dry	
	24-Apr-2012				Dry	
	24-Jan-2012				Dry	
	8-Dec-2011				Dry	
	18-Jul-2011				Dry	
	19-Apr-2011				61.92	3805.14
	17-Jan-2011				61.02	3806.04
	14-Sep-2010				60.91	3806.15
	22-Jun-2010				61.90	3805.16
	22-Mar-2010				61.41	3805.65
	8-Dec-2009				61.16	3805.90
	28-Aug-2009				61.50	3805.56
26-May-2009	61.26	3805.80				
10-Dec-2008	60.76	3806.30				
28-Sep-2008	61.59	3805.47				
10-Jun-2008	61.83	3805.23				
5-Feb-2008	61.11	3805.95				
14-Nov-2007	61.08	3805.98				
12-Sep-2007	61.11	3805.95				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
833-04	4-May-2022	402898.52	1520659.33	3845.79	43.86	3801.93
	9-Feb-2022				42.95	3802.84
	3-Nov-2021				43.77	3802.02
	6-Aug-2021				44.08	3801.71
	5-May-2021				43.25	3802.54
	12-Feb-2021				42.36	3803.43
	4-Nov-2020				42.89	3802.90
	11-Aug-2020				42.91	3802.88
	12-May-2020				42.28	3803.51
	6-Feb-2020				41.99	3803.80
	8-Nov-2019				41.68	3804.11
	5-Aug-2019				43.88	3801.91
	9-May-2019				43.40	3802.39
	20-Feb-2019				42.36	3803.43
	13-Nov-2018				42.81	3802.98
	7-Aug-2018				42.68	3803.11
	14-May-2018				42.59	3803.20
	6-Feb-2018				41.54	3804.25
	7-Nov-2017				42.17	3803.62
	15-Aug-2017				42.90	3802.89
	16-May-2017				43.63	3802.16
	7-Feb-2017				42.47	3803.32
	8-Nov-2016				42.90	3802.89
	16-Aug-2016				43.91	3801.88
	20-May-2016				44.20	3801.59
	10-Feb-2016				43.15	3802.64
	5-Nov-2015				43.92	3801.87
	6-Aug-2015				44.49	3801.30
	6-May-2015				44.98	3800.81
	6-Feb-2015				43.67	3802.12
	5-Nov-2014				43.98	3801.81
	12-Aug-2014				44.62	3801.17
	18-Jun-2014				45.07	3800.72
	12-Feb-2014				43.19	3802.60
	6-Nov-2013				43.59	3802.20
	6-Aug-2013				44.00	3801.79
	8-May-2013				43.63	3802.16
	7-Feb-2013				41.70	3804.09
	25-Oct-2012				41.83	3803.96
	1-Aug-2012				42.70	3803.09
	24-Apr-2012				42.32	3803.47
	24-Jan-2012				40.87	3804.92
	8-Dec-2011				41.55	3804.24
	18-Jul-2011				41.05	3804.74
	19-Apr-2011				39.24	3806.55
	17-Jan-2011				38.80	3806.99
	14-Sep-2010				38.84	3806.95
	22-Jun-2010				39.19	3806.60
	22-Mar-2010				39.13	3806.66
	8-Dec-2009				38.85	3806.94
	28-Aug-2009				39.24	3806.55
	26-May-2009				39.31	3806.48
	10-Dec-2008				38.41	3807.38
	28-Sep-2008				38.42	3807.37
	10-Jun-2008				39.46	3806.33
	5-Feb-2008				38.61	3807.18
	14-Nov-2007				38.54	3807.25
	12-Sep-2007				38.96	3806.83

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
833-05	4-May-2022	399712.39	1522374.73	3865.51	66.12	3799.39
	9-Feb-2022				65.17	3800.34
	3-Nov-2021				66.06	3799.45
	6-Aug-2021				66.30	3799.21
	5-May-2021				65.75	3799.76
	12-Feb-2021				64.89	3800.62
	4-Nov-2020				65.24	3800.27
	12-Aug-2020				65.27	3800.24
	12-May-2020				65.91	3799.60
	6-Feb-2020				65.00	3800.51
	7-Nov-2019				65.94	3799.57
	2-Aug-2019				66.10	3799.41
	9-May-2019				65.74	3799.77
	20-Feb-2019				64.85	3800.66
	13-Nov-2018				65.51	3800.00
	7-Aug-2018				65.44	3800.07
	14-May-2018				65.05	3800.46
	6-Feb-2018				64.21	3801.30
	7-Nov-2017				64.45	3801.06
	9-Aug-2017				65.38	3800.13
	16-May-2017				66.10	3799.41
	7-Feb-2017				65.05	3800.46
	8-Nov-2016				65.53	3799.98
	16-Aug-2016				66.06	3799.45
	17-May-2016				66.39	3799.12
	10-Feb-2016				65.94	3799.57
	5-Nov-2015				66.28	3799.23
	6-Aug-2015				66.74	3798.77
	6-May-2015				67.03	3798.48
	6-Feb-2015				65.76	3799.75
	10-Nov-2014				66.10	3799.41
	12-Aug-2014				66.71	3798.80
	18-Jun-2014				66.83	3798.68
	12-Feb-2014				65.32	3800.19
	6-Nov-2013				65.29	3800.22
	6-Aug-2013				65.80	3799.71
	8-May-2013				65.19	3800.32
	7-Feb-2013				64.21	3801.30
	25-Oct-2012				64.60	3800.91
	1-Aug-2012				65.01	3800.50
	24-Apr-2012				64.40	3801.11
	24-Jan-2012				63.60	3801.91
	8-Dec-2011				63.63	3801.88
	18-Jul-2011				63.23	3802.28
	19-Apr-2011				62.33	3803.18
	24-Jan-2011				61.90	3803.61
	14-Sep-2010				61.05	3804.46
	22-Jun-2010				61.97	3803.54
	22-Mar-2010				61.52	3803.99
	8-Dec-2009				61.39	3804.12
	28-Aug-2009				61.52	3803.99
	26-May-2009				61.14	3804.37
	10-Dec-2008				61.07	3804.44
	28-Sep-2008				60.99	3804.52
	10-Jun-2008				62.28	3803.23
	5-Feb-2008				61.52	3803.99

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
833-06	4-May-2022	402219.48	1522652.04	3878.20	76.38	3801.82
	9-Feb-2022				75.73	3802.47
	3-Nov-2021				76.40	3801.80
	6-Aug-2021				76.35	3801.85
	5-May-2021				76.11	3802.09
	12-Feb-2021				75.73	3802.47
	4-Nov-2020				76.00	3802.20
	12-Aug-2020				75.51	3802.69
	12-May-2020				76.09	3802.11
	6-Feb-2020				76.00	3802.20
	7-Nov-2019				76.51	3801.69
	2-Aug-2019				76.46	3801.74
	9-May-2019				76.00	3802.20
	20-Feb-2019				75.56	3802.64
	13-Nov-2018				75.75	3802.45
	7-Aug-2018				75.39	3802.81
	14-May-2018				75.05	3803.15
	6-Feb-2018				75.20	3803.00
	7-Nov-2017				75.51	3802.69
	9-Aug-2017				76.35	3801.85
	16-May-2017				76.41	3801.79
	7-Feb-2017				75.84	3802.36
	8-Nov-2016				76.13	3802.07
	16-Aug-2016				76.53	3801.67
	17-May-2016				76.58	3801.62
	10-Feb-2016				76.15	3802.05
	5-Nov-2015				76.11	3802.09
	6-Aug-2015				76.49	3801.71
	6-May-2015				76.57	3801.63
	6-Feb-2015				75.79	3802.41
	5-Nov-2014				75.96	3802.24
	12-Aug-2014				76.20	3802.00
	18-Jun-2014				76.18	3802.02
	12-Feb-2014				75.43	3802.77
	6-Nov-2013				75.12	3803.08
	6-Aug-2013				75.47	3802.73
	8-May-2013				74.67	3803.53
	7-Feb-2013				73.80	3804.40
	25-Oct-2012				73.93	3804.27
	1-Aug-2012				74.06	3804.14
	24-Apr-2012				73.97	3804.23
	24-Jan-2012				73.50	3804.70
	8-Dec-2011				73.41	3804.79
	18-Jul-2011				72.93	3805.27
	25-Apr-2001				72.16	3806.04
	17-Jan-2011				71.43	3806.77
	14-Sep-2010				72.05	3806.15
	22-Jun-2010				72.08	3806.12
	22-Mar-2010				72.00	3806.20
	8-Dec-2009				71.92	3806.28
	28-Aug-2009				72.22	3805.98
	26-May-2009				72.02	3806.18
	10-Dec-2008				70.95	3807.25
	28-Sep-2008				70.87	3807.33
	10-Jun-2008				71.78	3806.42
	5-Feb-2008				71.47	3806.73

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
833-07	4-May-2022	399298.8	1522082.75	3860.70	61.80	3798.90
	9-Feb-2022				60.86	3799.84
	3-Nov-2021				61.72	3798.98
	6-Aug-2021				61.97	3798.73
	5-May-2021				61.30	3799.40
	12-Feb-2021				60.33	3800.37
	4-Nov-2020				60.76	3799.94
	12-Aug-2020				60.92	3799.78
	12-May-2020				61.51	3799.19
	6-Feb-2020				61.06	3799.64
	7-Nov-2019				61.46	3799.24
	2-Aug-2019				61.60	3799.10
	9-May-2019				61.38	3799.32
	20-Feb-2019				60.35	3800.35
	13-Nov-2018				61.06	3799.64
	7-Aug-2018				61.07	3799.63
	14-May-2018				60.75	3799.95
	6-Feb-2018				59.74	3800.96
	7-Nov-2017				60.00	3800.70
	9-Aug-2017				60.87	3799.83
	16-May-2017				61.75	3798.95
	7-Feb-2017				60.56	3800.14
	8-Nov-2016				61.27	3799.43
	16-Aug-2016				61.60	3799.10
	17-May-2016				62.10	3798.60
	10-Feb-2016				61.48	3799.22
	5-Nov-2015				61.95	3798.75
	6-Aug-2015				62.28	3798.42
	6-May-2015				62.87	3797.83
	6-Feb-2015				61.34	3799.36
	10-Nov-2014				61.75	3798.95
	12-Aug-2014				62.28	3798.42
	18-Jun-2014				62.58	3798.12
	12-Feb-2014				60.88	3799.82
	6-Nov-2013				61.12	3799.58
	6-Aug-2013				61.45	3799.25
	8-May-2013				60.76	3799.94
	7-Feb-2013				59.82	3800.88
	25-Oct-2012				60.22	3800.48
	1-Aug-2012				60.63	3800.07
24-Apr-2012	60.25	3800.45				
24-Jan-2012	59.71	3800.99				
8-Dec-2011	59.26	3801.44				
18-Jul-2011	58.99	3801.71				
19-Apr-2011	57.95	3802.75				
17-Jan-2011	56.87	3803.83				
14-Sep-2010	56.61	3804.09				
22-Jun-2010	57.55	3803.15				
22-Mar-2010	57.05	3803.65				
8-Dec-2009	56.94	3803.76				
28-Aug-2009	57.02	3803.68				
26-May-2009	56.64	3804.06				
10-Dec-2008	56.58	3804.12				
28-Sep-2008	58.53	3802.17				
10-Jun-2008	57.88	3802.82				
5-Feb-2008	57.11	3803.59				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
833-08	4-May-2022	400535.64	1521938.23	3861.76	61.16	3800.60
	9-Feb-2022				60.24	3801.52
	3-Nov-2021				61.00	3800.76
	6-Aug-2021				61.51	3800.25
	5-May-2021				61.01	3800.75
	12-Feb-2021				60.71	3801.05
	4-Nov-2020				61.01	3800.75
	11-Aug-2020				61.68	3800.08
	12-May-2020				61.12	3800.64
	6-Feb-2020				60.96	3800.80
	7-Nov-2019				61.28	3800.48
	2-Aug-2019				61.46	3800.30
	9-May-2019				60.92	3800.84
	20-Feb-2019				60.10	3801.66
	13-Nov-2018				60.65	3801.11
	7-Aug-2018				60.44	3801.32
	14-May-2018				59.75	3802.01
	6-Feb-2018				59.31	3802.45
	7-Nov-2017				59.51	3802.25
	9-Aug-2017				60.33	3801.43
	16-May-2017				61.03	3800.73
	7-Feb-2017				60.21	3801.55
	8-Nov-2016				60.56	3801.20
	16-Aug-2016				61.21	3800.55
	17-May-2016				61.14	3800.62
	10-Feb-2016				61.11	3800.65
	5-Nov-2015				61.32	3800.44
	6-Aug-2015				61.98	3799.78
	6-May-2015				62.22	3799.54
	6-Feb-2015				61.04	3800.72
	10-Nov-2014				61.22	3800.54
	12-Aug-2014				61.97	3799.79
	18-Jun-2014				62.07	3799.69
	12-Feb-2014				60.68	3801.08
	6-Nov-2013				60.79	3800.97
	6-Aug-2013				61.07	3800.69
	8-May-2013				60.60	3801.16
	7-Feb-2013				59.43	3802.33
	25-Oct-2012				59.75	3802.01
	1-Aug-2012				60.24	3801.52
24-Apr-2012	59.81	3801.95				
24-Jan-2012	58.86	3802.90				
8-Dec-2011	58.96	3802.80				
18-Jul-2011	58.36	3803.40				
25-Apr-2011	56.54	3805.22				
17-Jan-2011	56.55	3805.21				
14-Sep-2010	56.34	3805.42				
22-Jun-2010	57.32	3804.44				
22-Mar-2010	56.83	3804.93				
8-Dec-2009	56.63	3805.13				
28-Aug-2009	56.83	3804.93				
26-May-2009	56.41	3805.35				
10-Dec-2008	56.34	3805.42				
28-Sep-2008	56.07	3805.69				
10-Jun-2008	57.46	3804.30				
5-Feb-2008	56.78	3804.98				



**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
833-09	4-May-2022	398280.67	1520918.52	3826.27	28.15	3798.12
	9-Feb-2022				27.29	3798.98
	3-Nov-2021				28.11	3798.16
	6-Aug-2021				28.48	3797.79
	5-May-2021				27.57	3798.70
	12-Feb-2021				26.11	3800.16
	4-Nov-2020				26.88	3799.39
	12-Aug-2020				27.02	3799.25
	12-May-2020				27.65	3798.62
	6-Feb-2020				27.06	3799.21
	8-Nov-2019				27.78	3798.49
	2-Aug-2019				27.39	3798.88
	9-May-2019				27.71	3798.56
	20-Feb-2019				26.24	3800.03
	13-Nov-2018				26.73	3799.54
	7-Aug-2018				27.00	3799.27
	14-May-2018				27.19	3799.08
	6-Feb-2018				25.77	3800.50
	7-Nov-2017				25.92	3800.35
	9-Aug-2017				26.22	3800.05
	16-May-2017				28.00	3798.27
	7-Feb-2017				26.48	3799.79
	8-Nov-2016				27.24	3799.03
	16-Aug-2016				26.92	3799.35
	17-May-2016				28.82	3797.45
	10-Feb-2016				27.49	3798.78
	5-Nov-2015				27.98	3798.29
	6-Aug-2015				27.74	3798.53
	6-May-2015				28.86	3797.41
	6-Feb-2015				27.20	3799.07
	5-Nov-2014				27.74	3798.53
	12-Aug-2014				27.71	3798.56
	18-Jun-2014				28.71	3797.56
	12-Feb-2014				26.82	3799.45
	6-Nov-2013				27.49	3798.78
	6-Aug-2013				27.76	3798.51
	8-May-2013				27.31	3798.96
	7-Feb-2013				26.26	3800.01
	25-Oct-2012				26.30	3799.97
	1-Aug-2012				27.21	3799.06
	24-Apr-2012				26.44	3799.83
	24-Jan-2012				25.42	3800.85
	8-Dec-2011				25.08	3801.19
	18-Jul-2011				25.41	3800.86
	25-Apr-2011				22.86	3803.41
	17-Jan-2011				22.87	3803.40
	15-Sep-2010				22.56	3803.71
	22-Jun-2010				23.99	3802.28
	22-Mar-2010				23.20	3803.07
	8-Dec-2009				22.87	3803.40
	28-Aug-2009				22.67	3803.60
	26-May-2009				22.40	3803.87
	10-Dec-2008				22.65	3803.62
	28-Sep-2008				22.18	3804.09
	10-Jun-2008				23.71	3802.56
	5-Feb-2008				23.23	3803.04

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
833-10	4-May-2022	396715.89	1520283.6	3820.76	22.66	3798.10
	9-Feb-2022				21.84	3798.92
	3-Nov-2021				22.50	3798.26
	6-Aug-2021				22.28	3798.48
	5-May-2021				21.69	3799.07
	12-Feb-2021				20.70	3800.06
	4-Nov-2020				20.90	3799.86
	12-Aug-2020				21.20	3799.56
	12-May-2020				22.00	3798.76
	6-Feb-2020				21.02	3799.74
	8-Nov-2019				21.38	3799.38
	2-Aug-2019				20.35	3800.41
	9-May-2019				22.12	3798.64
	20-Feb-2019				21.04	3799.72
	13-Nov-2018				21.16	3799.60
	7-Aug-2018				20.89	3799.87
	14-May-2018				22.03	3798.73
	6-Feb-2018				20.60	3800.16
	7-Nov-2017				20.65	3800.11
	9-Aug-2017				20.58	3800.18
	16-May-2017				22.66	3798.10
	7-Feb-2017				21.55	3799.21
	8-Nov-2016				21.86	3798.90
	16-Aug-2016				20.55	3800.21
	17-May-2016				23.34	3797.42
	10-Feb-2016				22.38	3798.38
	5-Nov-2015				22.80	3797.96
	6-Aug-2015				20.95	3799.81
	6-May-2015				23.58	3797.18
	6-Feb-2015				22.24	3798.52
	10-Nov-2014				22.95	3797.81
	12-Aug-2014				21.05	3799.71
	18-Jun-2014				22.37	3798.39
	12-Feb-2014				21.61	3799.15
	6-Nov-2013				21.76	3799.00
	6-Aug-2013				21.95	3798.81
	8-May-2013				22.26	3798.50
	7-Feb-2013				21.12	3799.64
	25-Oct-2012				20.93	3799.83
	1-Aug-2012				21.01	3799.75
	24-Apr-2012				21.11	3799.65
	24-Jan-2012				20.14	3800.62
	8-Dec-2011				19.95	3800.81
	18-Jul-2011				19.23	3801.53
	19-Apr-2011				18.67	3802.09
	17-Jan-2011				17.80	3802.96
	15-Sep-2010				17.29	3803.47
	22-Jun-2010				18.80	3801.96
	22-Mar-2010				18.38	3802.38
	8-Dec-2009				17.72	3803.04
	28-Aug-2009				17.22	3803.54
	26-May-2009				17.40	3803.36
	10-Dec-2008				17.71	3803.05
	28-Sep-2008				16.98	3803.78
	10-Jun-2008				18.17	3802.59
	5-Feb-2008				18.11	3802.65

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
<b>Sunset/Desert Land Dairy</b>						
257-01	4-May-2022	395856.31	1520572.16	3820.33	22.44	3797.89
	9-Feb-2022				21.90	3798.43
	3-Nov-2021				22.62	3797.71
	6-Aug-2021				22.11	3798.22
	5-May-2021				21.83	3798.50
	12-Feb-2021				20.87	3799.46
	4-Nov-2020				20.00	3800.33
	12-Aug-2020				20.16	3800.17
	12-May-2020				20.94	3799.39
	6-Feb-2020				19.00	3801.33
	8-Nov-2019				18.93	3801.40
	2-Aug-2019				19.68	3800.65
	9-May-2019				21.99	3798.34
	19-Feb-2019				20.85	3799.48
	13-Nov-2018				21.16	3799.17
	7-Aug-2018				20.60	3799.73
	14-May-2018				22.23	3798.10
	6-Feb-2018				20.54	3799.79
	7-Nov-2017				20.91	3799.42
	9-Aug-2017				20.73	3799.60
	16-May-2017				22.82	3797.51
	7-Feb-2017				21.70	3798.63
	8-Nov-2016				22.16	3798.17
	16-Aug-2016				20.88	3799.45
	16-May-2016				23.72	3796.61
	10-Feb-2016				22.30	3798.03
	6-Nov-2015				22.99	3797.34
	6-Aug-2015				21.13	3799.20
	6-May-2015				24.16	3796.17
	6-Feb-2015				22.36	3797.97
	10-Nov-2014				23.20	3797.13
	12-Aug-2014				22.50	3797.83
	18-Jun-2014				22.67	3797.66
	12-Feb-2014				21.67	3798.66
	6-Nov-2013				22.29	3798.04
	6-Aug-2013				22.52	3797.81
	7-May-2013				21.15	3799.18
	7-Feb-2013				20.38	3799.95
	26-Oct-2012				21.04	3799.29
	1-Aug-2012				20.82	3799.51
24-Apr-2012	21.01	3799.32				
24-Jan-2012	20.09	3800.24				
8-Dec-2011	20.18	3800.15				
18-Jul-2011	19.75	3800.58				
19-Apr-2011	18.52	3801.81				
18-Jan-2011	17.83	3802.50				
15-Sep-2010	17.15	3803.18				
22-Jun-2010	18.15	3802.18				
22-Mar-2010	18.40	3801.93				
8-Dec-2009	17.66	3802.67				
28-Aug-2009	16.99	3803.34				
26-May-2009	17.41	3802.92				
10-Dec-2008	17.87	3802.46				
27-Sep-2008	16.75	3803.58				
10-Jun-2008	17.88	3802.45				
5-Feb-2008	17.59	3802.74				
14-Nov-2007	18.53	3801.80				
12-Sep-2007	18.10	3802.23				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
257-02	4-May-2022	394728.34	1521030.29	3813.67	17.06	3796.61
	9-Feb-2022				16.18	3797.49
	3-Nov-2021				16.42	3797.25
	6-Aug-2021				16.21	3797.46
	5-May-2021				15.90	3797.77
	12-Feb-2021				15.08	3798.59
	4-Nov-2020				15.11	3798.56
	12-Aug-2020				14.88	3798.79
	12-May-2020				15.65	3798.02
	6-Feb-2020				14.90	3798.77
	7-Nov-2019				14.89	3798.78
	2-Aug-2019				15.00	3798.67
	9-May-2019				15.71	3797.96
	19-Feb-2019				15.05	3798.62
	13-Nov-2018				15.50	3798.17
	7-Aug-2018				14.52	3799.15
	14-May-2018				16.30	3797.37
	6-Feb-2018				13.75	3799.92
	7-Nov-2017				14.84	3798.83
	9-Aug-2017				15.14	3798.53
	16-May-2017				16.89	3796.78
	7-Feb-2017				15.68	3797.99
	8-Nov-2016				16.40	3797.27
	16-Aug-2016				15.88	3797.79
	16-May-2016				18.19	3795.48
	10-Feb-2016				16.76	3796.91
	6-Nov-2015				17.65	3796.02
	17-Aug-2015				16.41	3797.26
	6-May-2015				18.20	3795.47
	6-Feb-2015				16.75	3796.92
	10-Nov-2014				17.45	3796.22
	13-Aug-2014				16.50	3797.17
	18-Jun-2014				17.87	3795.80
	12-Feb-2014				15.78	3797.89
	6-Nov-2013				16.06	3797.61
	6-Aug-2013				15.95	3797.72
	7-May-2013				15.04	3798.63
	7-Feb-2013				14.79	3798.88
	26-Oct-2012				15.06	3798.61
	1-Aug-2012				14.91	3798.76
24-Apr-2012	15.27	3798.40				
24-Jan-2012	13.90	3799.77				
8-Dec-2011	14.38	3799.29				
19-Jul-2011	13.50	3800.17				
19-Apr-2011	12.59	3801.08				
18-Jan-2011	11.84	3801.83				
15-Sep-2010	10.86	3802.81				
22-Jun-2010	11.08	3802.59				
22-Mar-2010	12.22	3801.45				
8-Dec-2009	11.52	3802.15				
28-Aug-2009	10.86	3802.81				
26-May-2009	11.38	3802.29				
10-Dec-2008	11.67	3802.00				
27-Sep-2008	9.75	3803.92				
10-Jun-2008	11.82	3801.85				
5-Feb-2008	11.67	3802.00				
14-Nov-2007	12.22	3801.45				
12-Sep-2007	11.55	3802.12				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
257-03	4-May-2022	397935.69	1518746.14	3814.74	13.92	3800.82
	9-Feb-2022				14.04	3800.70
	3-Nov-2021				13.54	3801.20
	6-Aug-2021				13.80	3800.94
	5-May-2021				12.38	3802.36
	12-Feb-2021				11.58	3803.16
	4-Nov-2020				11.26	3803.48
	12-Aug-2020				10.86	3803.88
	12-May-2020				Dry	
	6-Feb-2020				12.93	3801.81
	8-Nov-2019				12.03	3802.71
	2-Aug-2019				12.30	3802.44
	9-May-2019				13.48	3801.26
	19-Feb-2019				13.35	3801.39
	13-Nov-2018				12.89	3801.85
	7-Aug-2018				11.82	3802.92
	14-May-2018				13.08	3801.66
	6-Feb-2018				11.86	3802.88
	7-Nov-2017				10.05	3804.69
	9-Aug-2017				11.58	3803.16
	16-May-2017				13.61	3801.13
	7-Feb-2017				13.17	3801.57
	8-Nov-2016				11.80	3802.94
	16-Aug-2016				12.13	3802.61
	16-May-2016				Dry	
	10-Feb-2016				13.45	3801.29
	6-Nov-2015				13.96	3800.78
	6-Aug-2015				11.35	3803.39
	6-May-2015				Dry	
	6-Feb-2015				Dry	
	10-Nov-2014				Dry	
	13-Aug-2014				12.34	3802.40
	18-Jun-2014				12.21	3802.53
	12-Feb-2014				13.49	3801.25
	6-Nov-2013				11.04	3803.70
	6-Aug-2013				11.29	3803.45
	7-May-2013				12.98	3801.76
	7-Feb-2013				12.31	3802.43
	26-Oct-2012				11.61	3803.13
	1-Aug-2012				10.06	3804.68
	24-Apr-2012				11.56	3803.18
	24-Jan-2012				10.89	3803.85
1-Nov-2011	11.29	3803.45				
18-Jul-2011	8.77	3805.97				
19-Apr-2011	9.31	3805.43				
17-Jan-2011	10.04	3804.70				
21-Sep-2010	9.26	3805.48				
22-Jun-2010	9.11	3805.63				
22-Mar-2010	10.45	3804.29				
8-Dec-2009	9.78	3804.96				
28-Aug-2009	9.43	3805.31				
26-May-2009	9.55	3805.19				
10-Dec-2008	10.26	3804.48				
27-Sep-2008	9.73	3805.01				
10-Jun-2008	9.70	3805.04				
5-Feb-2008	11.04	3803.70				
14-Nov-2007	9.03	3805.71				
12-Sep-2007	9.61	3805.13				

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DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
257/260-01	2-Feb-2018	397678.36	1519948.22	3814.04	Plugged and Abandoned	
	7-Nov-2017				Crops too high	
	18-Aug-2017				12.44	Broken casing
	16-May-2017				12.47	Broken casing
	7-Feb-2017				5.14	Broken casing
	8-Nov-2016				5.65	Broken casing
	16-Aug-2016				NM	NM
	16-May-2016				7.12	Broken casing
	10-Feb-2016				Broken casing	
	6-Nov-2015				12.85	3801.19
	13-Aug-2015				Crops too high	
	6-May-2015				17.12	3796.92
	6-Feb-2015				14.71	3799.33
	5-Nov-2014				14.93	3799.11
	13-Aug-2014				13.28	3800.76
	18-Jun-2014				14.53	3799.51
	12-Feb-2014				14.06	3799.98
	6-Nov-2013				14.01	3800.03
	14-Aug-2013				14.20	3799.84
	7-May-2013				13.83	3800.21
	7-Feb-2013				13.11	3800.93
	26-Oct-2012				13.36	3800.68
	1-Aug-2012				13.05	3800.99
	24-Apr-2012				12.98	3801.06
	30-Jan-2012				12.26	3801.78
	1-Nov-2011				12.79	3801.25
	18-Jul-2011				10.65	3803.39
	26-Apr-2011				11.66	3802.38
	17-Jan-2011				10.44	3803.60
	15-Sep-2010				9.94	3804.10
	22-Jun-2010				10.90	3803.14
	22-Mar-2010				10.71	3803.33
	8-Dec-2009				10.42	3803.62
28-Aug-2009	10.11	3803.93				
26-May-2009	10.00	3804.04				
10-Dec-2008	10.48	3803.56				
27-Sep-2008	9.80	3804.24				
10-Jun-2008	11.00	3803.04				
5-Feb-2008	10.99	3803.05				
14-Nov-2007	11.21	3802.83				
12-Sep-2007	NM	NM				
<b>Additional Wells</b>						
Bruce1	18-Jul-2011	388741.02	1523777.06	3808.92	Destroyed	
	19-Apr-2011				11.17	3797.75
	17-Jan-2011				11.13	3797.79
	15-Sep-2010				10.38	3798.54
	23-Jun-2010				10.99	3797.93
	21-Mar-2010				11.50	3797.42
	8-Dec-2009				11.05	3797.87
	27-Aug-2009				10.41	3798.51
	27-May-2009				10.77	3798.15
	10-Dec-2008				11.28	3797.64
	27-Sep-2008				10.93	3797.99
	10-Jun-2008				11.28	3797.64
	5-Feb-2008				11.47	3797.45
Bruce2	5-Feb-2008	NM	NM	NM	Destroyed	
	10-Jun-2008				8.33	--

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
<b>SOUTHERN AREA</b>						
<b>Del Oro Dairy</b>						
692-01	22-Dec-2015	373615.88	1531529.38	3844.13	Plugged and Abandoned	
	6-Nov-2015				62.12	3782.01
	6-Aug-2015				61.75	3782.38
	6-May-2015				63.02	3781.11
	6-Feb-2015				61.28	3782.85
	5-Nov-2014				61.43	3782.70
	12-Aug-2014				61.27	3782.86
	13-May-2014				60.79	3783.34
	14-Feb-2014				60.38	3783.75
	6-Nov-2013				60.72	3783.41
	6-Aug-2013				60.30	3783.83
	7-May-2013				60.58	3783.55
	7-Feb-2013				59.93	3784.20
	26-Oct-2012				60.10	3784.03
	1-Aug-2012				58.79	3785.34
	24-Apr-2012				58.43	3785.70
	25-Jan-2012				78.58	Pumping
	9-Dec-2011				58.19	3785.94
	18-Jul-2011				57.79	3786.34
	19-Apr-2011				57.39	3786.74
	18-Jan-2011				57.17	3786.96
	15-Sep-2010				57.57	3786.56
	30-Jun-2010				61.15	Pumping
	22-Mar-2010				58.01	3786.12
	9-Dec-2009				58.25	3785.88
	29-Aug-2009				58.19	3785.94
	26-May-2009				57.80	3786.33
	11-Dec-2008				Pumping	NM
	28-Sep-2008				Pumping	NM
	11-Jun-2008				57.75	3786.38
	6-Feb-2008				57.42	3786.71
	14-Nov-2007				57.38	3786.75
	13-Sep-2007				57.46	3786.67

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
692-02	4-May-2022	372984.72	1531192.1	3840.84	58.46	3782.38
	10-Feb-2022				57.63	3783.21
	3-Nov-2021				58.45	3782.39
	6-Aug-2021				58.05	3782.79
	5-May-2021				56.69	3784.15
	12-Feb-2021				55.03	3785.81
	4-Nov-2020				54.17	3786.67
	12-Aug-2020				53.90	3786.94
	12-May-2020				54.75	3786.09
	6-Feb-2020				53.86	3786.98
	7-Nov-2019				50.24	3790.60
	5-Aug-2019				53.06	3787.78
	9-May-2019				59.91	3780.93
	20-Feb-2019				59.00	3781.84
	13-Nov-2018				60.67	3780.17
	7-Aug-2018				60.82	3780.02
	17-May-2018				60.68	3780.16
	6-Feb-2018				60.60	3780.24
	7-Nov-2017				60.78	3780.06
	9-Aug-2017				61.10	3779.74
	16-May-2017				60.65	3780.19
	7-Feb-2017				60.60	3780.24
	8-Nov-2016				60.65	3780.19
	16-Aug-2016				60.58	3780.26
	17-May-2016				60.25	3780.59
	10-Feb-2016				60.11	3780.73
	6-Nov-2015				59.74	3781.10
	6-Aug-2015				59.66	3781.18
	6-May-2015				59.50	3781.34
	6-Feb-2015				59.02	3781.82
	5-Nov-2014				59.27	3781.57
	12-Aug-2014				59.01	3781.83
	13-May-2014				58.51	3782.33
	14-Feb-2014				58.12	3782.72
	6-Nov-2013				57.91	3782.93
	6-Aug-2013				57.60	3783.24
	7-May-2013				57.39	3783.45
	7-Feb-2013				56.86	3783.98
	25-Oct-2012				56.48	3784.36
	1-Aug-2012				56.03	3784.81
	24-Apr-2012				55.71	3785.13
	25-Jan-2012				54.70	3786.14
	13-Dec-2011				54.94	3785.90
	18-Jul-2011				55.10	3785.74
	19-Apr-2011				54.68	3786.16
	18-Jan-2011				54.32	3786.52
	15-Sep-2010				54.39	3786.45
	30-Jun-2010				54.50	3786.34
	22-Mar-2010				54.90	3785.94
	9-Dec-2009				55.11	3785.73
	28-Aug-2009				55.03	3785.81
	26-May-2009				55.38	3785.46
	11-Dec-2008				54.93	3785.91
	28-Sep-2008				54.69	3786.15
	11-Jun-2008				54.93	3785.91
	6-Feb-2008				54.74	3786.10
	14-Nov-2007				54.42	3786.42
	13-Sep-2007				54.61	3786.23



**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
692-04	4-May-2022	372982.53	1531555.21	3842.66	60.01	3782.65
	10-Feb-2022				59.40	3783.26
	3-Nov-2021				59.90	3782.76
	6-Aug-2021				60.40	3782.26
	5-May-2021				60.35	3782.31
	12-Feb-2021				60.09	3782.57
	4-Nov-2020				59.49	3783.17
	12-Aug-2020				58.70	3783.96
	12-May-2020				59.61	3783.05
	6-Feb-2020				58.03	3784.63
	7-Nov-2019				55.75	3786.91
	5-Aug-2019				58.80	3783.86
	9-May-2019					Dry
	20-Feb-2019					Dry
	13-Nov-2018					Dry
	7-Aug-2018					Dry
	17-May-2018					Dry
	6-Feb-2018					Dry
	7-Nov-2017					Dry
	9-Aug-2017					Dry
	16-May-2017					Dry
	7-Feb-2017					Dry
	8-Nov-2016					Dry
	16-Aug-2016					Dry
	17-May-2016					Dry
	10-Feb-2016					Dry
	6-Nov-2015					Dry
	6-Aug-2015				60.53	3782.13
	6-May-2015				61.99	3780.67
	6-Feb-2015				60.20	3782.46
	5-Nov-2014				60.44	3782.22
	12-Aug-2014				60.13	3782.53
	13-May-2014				59.66	3783.00
	14-Feb-2014				59.18	3783.48
	6-Nov-2013				59.03	3783.63
	6-Aug-2013				58.79	3783.87
	7-May-2013				58.68	3783.98
	7-Feb-2013				58.05	3784.61
	25-Oct-2012				57.62	3785.04
	1-Aug-2012				57.34	3785.32
	24-Apr-2012				57.13	3785.53
	25-Jan-2012				56.34	3786.32
	9-Dec-2011				56.91	3785.75
	18-Jul-2011				56.92	3785.74
	19-Apr-2011				56.47	3786.19
	18-Jan-2011				56.15	3786.51
	15-Sep-2010				55.90	3786.76
30-Jun-2010	56.81	3785.85				
22-Mar-2010	56.81	3785.85				
8-Dec-2009	56.86	3785.80				
28-Aug-2009	56.82	3785.84				
26-May-2009	57.09	3785.57				
11-Dec-2008	56.71	3785.95				
28-Sep-2008	56.41	3786.25				
11-Jun-2008	56.54	3786.12				
6-Feb-2008	56.40	3786.26				
14-Nov-2007	55.95	3786.71				
13-Sep-2007	56.19	3786.47				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
692-05	4-May-2022	374807.26	1532403	3854.26	81.60	3772.66
	10-Feb-2022				80.87	3773.39
	3-Nov-2021				81.98	3772.28
	6-Aug-2021				82.70	3771.56
	5-May-2021				81.20	3773.06
	12-Feb-2021				80.58	3773.68
	4-Nov-2020				81.25	3773.01
	12-Aug-2020				80.95	3773.31
	12-May-2020				81.20	3773.06
	6-Feb-2020				80.62	3773.64
	7-Nov-2019				80.62	3773.64
	5-Aug-2019				81.35	3772.91
	9-May-2019				81.34	3772.92
	20-Feb-2019				80.65	3773.61
	13-Nov-2018				81.85	3772.41
	7-Aug-2018				81.75	3772.51
	17-May-2018				81.44	3772.82
	6-Feb-2018				80.20	3774.06
	7-Nov-2017				81.05	3773.21
	9-Aug-2017				81.47	3772.79
	16-May-2017				81.60	3772.66
	7-Feb-2017				80.41	3773.85
	8-Nov-2016				81.78	3772.48
	16-Aug-2016				81.70	3772.56
	17-May-2016				81.25	3773.01
	10-Feb-2016				80.30	3773.96
	6-Nov-2015				81.13	3773.13
	6-Aug-2015				80.85	3773.41
	6-May-2015				81.97	3772.29
	6-Feb-2015				80.08	3774.18
	5-Nov-2014				81.06	3773.20
	12-Aug-2014				81.02	3773.24
	13-May-2014				80.82	3773.44
	13-Feb-2014				79.21	3775.05
	6-Nov-2013				NM	NM
	14-Aug-2013				78.12	3776.14
	7-May-2013				79.43	3774.83
	7-Feb-2013				78.86	3775.40
	26-Oct-2012				79.11	3775.15
	1-Aug-2012				78.80	3775.46
24-Apr-2012	77.96	3776.30				
24-Jan-2012	76.80	3777.46				
9-Dec-2011	77.39	3776.87				
18-Jul-2011	77.59	3776.67				
19-Apr-2011	76.46	3777.80				
18-Jan-2011	75.55	3778.71				
15-Sep-2010	76.14	3778.12				
30-Jun-2010	76.20	3778.06				
22-Mar-2010	75.01	3779.25				
9-Dec-2009	75.52	3778.74				
28-Aug-2009	76.15	3778.11				
26-May-2009	75.65	3778.61				
11-Dec-2008	74.95	3779.31				
28-Sep-2008	75.36	3778.90				
11-Jun-2008	75.72	3778.54				
6-Feb-2008	74.84	3779.42				
14-Nov-2007	75.90	3778.36				
13-Sep-2007	75.84	3778.42				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
692-06	4-May-2022	375054.77	1532411.83	3856.48	83.57	3772.91
	10-Feb-2022				82.94	3773.54
	3-Nov-2021				83.83	3772.65
	6-Aug-2021				83.60	3772.88
	5-May-2021				83.08	3773.40
	12-Feb-2021				83.90	3772.58
	4-Nov-2020				83.10	3773.38
	12-Aug-2020				82.69	3773.79
	12-May-2020				83.47	3773.01
	6-Feb-2020				82.88	3773.60
	7-Nov-2019				83.64	3772.84
	5-Aug-2019				83.25	3773.23
	9-May-2019				83.20	3773.28
	20-Feb-2019				82.50	3773.98
	13-Nov-2018				83.69	3772.79
	7-Aug-2018				83.58	3772.90
	17-May-2018				83.25	3773.23
	6-Feb-2018				82.00	3774.48
	7-Nov-2017				82.86	3773.62
	9-Aug-2017				83.28	3773.20
	16-May-2017				83.35	3773.13
	7-Feb-2017				82.20	3774.28
	8-Nov-2016				83.55	3772.93
	16-Aug-2016				83.45	3773.03
	17-May-2016				83.08	3773.40
	10-Feb-2016				82.12	3774.36
	6-Nov-2015				82.92	3773.56
	6-Aug-2015				82.68	3773.80
	6-May-2015				83.11	3773.37
	6-Feb-2015				81.65	3774.83
	5-Nov-2014				82.91	3773.57
	12-Aug-2014				82.88	3773.60
	13-May-2014				81.84	3774.64
	14-Feb-2014				81.31	3775.17
	6-Nov-2013				82.18	3774.30
	6-Aug-2013				81.86	3774.62
	7-May-2013				81.22	3775.26
	7-Feb-2013				80.88	3775.60
	26-Oct-2012				81.03	3775.45
	1-Aug-2012				80.69	3775.79
24-Apr-2012	79.84	3776.64				
30-Jan-2012	78.99	3777.49				
9-Dec-2011	79.32	3777.16				
18-Jul-2011	79.43	3777.05				
19-Apr-2011	78.32	3778.16				
18-Jan-2011	77.44	3779.04				
15-Sep-2010	78.02	3778.46				
30-Jun-2010	78.12	3778.36				
22-Mar-2010	76.91	3779.57				
9-Dec-2009	77.44	3779.04				
28-Aug-2009	78.04	3778.44				
26-May-2009	77.53	3778.95				
11-Dec-2008	76.79	3779.69				
28-Sep-2008	77.25	3779.23				
11-Jun-2008	77.60	3778.88				
6-Feb-2008	76.76	3779.72				
14-Nov-2007	77.80	3778.68				
13-Sep-2007	77.75	3778.73				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
692-07	4-May-2022	374944.88	1532019.81	3848.20	75.60	3772.60
	10-Feb-2022				74.77	3773.43
	3-Nov-2021				75.66	3772.54
	6-Aug-2021				75.80	3772.40
	5-May-2021				75.00	3773.20
	12-Feb-2021				74.02	3774.18
	4-Nov-2020				74.88	3773.32
	12-Aug-2020				74.71	3773.49
	12-May-2020				75.03	3773.17
	6-Feb-2020				74.82	3773.38
	7-Nov-2019				75.20	3773.00
	5-Aug-2019				74.95	3773.25
	9-May-2019				75.10	3773.10
	20-Feb-2019				74.11	3774.09
	13-Nov-2018				75.38	3772.82
	7-Aug-2018				75.47	3772.73
	17-May-2018				75.27	3772.93
	6-Feb-2018				73.70	3774.50
	7-Nov-2017				74.54	3773.66
	9-Aug-2017				75.00	3773.20
	16-May-2017				75.44	3772.76
	7-Feb-2017				73.91	3774.29
	8-Nov-2016				75.40	3772.80
	16-Aug-2016				75.27	3772.93
	17-May-2016				75.00	3773.20
	10-Feb-2016				73.87	3774.33
	6-Nov-2015				74.81	3773.39
	6-Aug-2015				74.52	3773.68
	6-May-2015				75.04	3773.16
	6-Feb-2015				73.40	3774.80
	5-Nov-2014				74.65	3773.55
	12-Aug-2014				74.94	3773.26
	13-May-2014				73.69	3774.51
	14-Feb-2014				73.14	3775.06
	6-Nov-2013				74.26	3773.94
	6-Aug-2013				73.92	3774.28
	7-May-2013				73.21	3774.99
	7-Feb-2013				72.55	3775.65
	26-Oct-2012				72.78	3775.42
	1-Aug-2012				72.60	3775.60
24-Apr-2012	71.84	3776.36				
24-Jan-2012	70.30	3777.90				
13-Dec-2011	70.54	3777.66				
18-Jul-2011	71.32	3776.88				
19-Apr-2011	70.22	3777.98				
18-Jan-2011	69.01	3779.19				
15-Sep-2010	69.72	3778.48				
30-Jun-2010	69.87	3778.33				
22-Mar-2010	68.59	3779.61				
9-Dec-2009	68.97	3779.23				
28-Aug-2009	69.71	3778.49				
26-May-2009	69.35	3778.85				
11-Dec-2008	68.38	3779.82				
28-Sep-2008	68.99	3779.21				
11-Jun-2008	69.35	3778.85				
6-Feb-2008	68.44	3779.76				
14-Nov-2007	69.46	3778.74				
13-Sep-2007	69.46	3778.74				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
692-08	4-May-2022	375535.69	1531378.09	3843.09	69.02	3774.07
	10-Feb-2022				68.10	3774.99
	3-Nov-2021				69.83	3773.26
	6-Aug-2021				70.20	3772.89
	5-May-2021				69.50	3773.59
	12-Feb-2021				68.70	3774.39
	4-Nov-2020				68.90	3774.19
	12-Aug-2020				68.03	3775.06
	12-May-2020				68.80	3774.29
	6-Feb-2020				67.75	3775.34
	7-Nov-2019				68.95	3774.14
	5-Aug-2019				68.76	3774.33
	9-May-2019				68.78	3774.31
	20-Feb-2019				67.75	3775.34
	13-Nov-2018				68.93	3774.16
	7-Aug-2018				69.66	3773.43
	17-May-2018				70.00	3773.09
	6-Feb-2018				67.29	3775.80
	7-Nov-2017				68.25	3774.84
	9-Aug-2017				68.70	3774.39
	16-May-2017				69.98	3773.11
	7-Feb-2017				67.50	3775.59
	8-Nov-2016				69.25	3773.84
	16-Aug-2016				69.32	3773.77
	17-May-2016				69.25	3773.84
	10-Feb-2016				67.58	3775.51
	6-Nov-2015				68.60	3774.49
	6-Aug-2015				68.45	3774.64
	6-May-2015				69.22	3773.87
	6-Feb-2015				67.12	3775.97
	5-Nov-2014				68.47	3774.62
	12-Aug-2014				68.72	3774.37
	13-May-2014				68.35	3774.74
	14-Feb-2014				67.81	3775.28
	6-Nov-2013				68.06	3775.03
	6-Aug-2013				68.52	3774.57
	14-May-2013				67.09	3776.00
	7-Feb-2013				66.64	3776.45
	26-Oct-2012				67.17	3775.92
	1-Aug-2012				66.47	3776.62
	24-Apr-2012				65.84	3777.25
	30-Jan-2012				64.58	3778.51
	9-Dec-2011				64.65	3778.44
	18-Jul-2011				65.79	3777.30
	19-Apr-2011				64.32	3778.77
	18-Jan-2011				62.49	3780.60
	1-Oct-2010				63.83	3779.26
	30-Jun-2010				63.71	3779.38
	22-Mar-2010				62.45	3780.64
	9-Dec-2009				62.57	3780.52
	28-Aug-2009				63.42	3779.67
	26-May-2009				64.03	3779.06
	11-Dec-2008				61.83	3781.26
	28-Sep-2008				63.42	3779.67
	11-Jun-2008				63.40	3779.69
	6-Feb-2008				62.02	3781.07
	14-Nov-2007				63.25	3779.84
	13-Sep-2007				64.02	3779.07

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
692-09	4-May-2022	373575.83	1532395.09	3856.32	84.85	3771.47
	10-Feb-2022				84.12	3772.20
	3-Nov-2021				85.08	3771.24
	6-Aug-2021				84.81	3771.51
	5-May-2021				84.40	3771.92
	12-Feb-2021				83.68	3772.64
	4-Nov-2020				84.35	3771.97
	12-Aug-2020				84.09	3772.23
	12-May-2020				84.32	3772.00
	6-Feb-2020				84.02	3772.30
	7-Nov-2019				84.88	3771.44
	2-Aug-2019				84.52	3771.80
	9-May-2019				84.57	3771.75
	20-Feb-2019				83.87	3772.45
	13-Nov-2018				85.10	3771.22
	7-Aug-2018				85.15	3771.17
	17-May-2018				84.89	3771.43
	6-Feb-2018				83.45	3772.87
	7-Nov-2017				84.44	3771.88
	9-Aug-2017				84.85	3771.47
	16-May-2017				84.95	3771.37
	7-Feb-2017				83.68	3772.64
	8-Nov-2016				85.20	3771.12
	16-Aug-2016				85.13	3771.19
	17-May-2016				84.55	3771.77
	10-Feb-2016				83.56	3772.76
	6-Nov-2015				84.47	3771.85
	13-Aug-2015				84.35	3771.97
	6-May-2015				85.04	3771.28
	6-Feb-2015				83.34	3772.98
	10-Nov-2014				83.56	3772.76
	14-Aug-2014				84.03	3772.29
	13-May-2014				83.59	3772.73
	17-Feb-2014				82.51	3773.81
	6-Nov-2013				83.73	3772.59
	6-Aug-2013				83.40	3772.92
	7-May-2013				82.64	3773.68
	7-Feb-2013				82.02	3774.30
	26-Oct-2012				82.18	3774.14
	1-Aug-2012				82.11	3774.21
	24-Apr-2012				81.17	3775.15
	25-Jan-2012				79.80	3776.52
	8-Dec-2011				80.44	3775.88
	18-Jul-2011				80.78	3775.54
	19-Apr-2011				79.65	3776.67
	17-Jan-2011				78.52	3777.80
	15-Sep-2010				79.33	3776.99
	30-Jun-2010				79.52	3776.80
	22-Mar-2010				78.13	3778.19
	9-Dec-2009				78.79	3777.53
	28-Aug-2009				79.48	3776.84
	26-May-2009				78.89	3777.43
	11-Dec-2008				78.11	3778.21
	28-Sep-2008				78.55	3777.77
	11-Jun-2008				79.03	3777.29
	6-Feb-2008				78.16	3778.16
	14-Nov-2007				79.15	3777.17
	13-Sep-2007				79.93	3776.39

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
<b>Anthony Waste Water Treatment Plant</b>						
MW-1	4-May-2022	372097.86	1532364.36	3843.03	64.62	3778.41
	10-Feb-2022				64.46	3778.57
	3-Nov-2021				64.30	3778.73
	9-Aug-2021				64.02	3779.01
	5-May-2021				63.67	3779.36
	12-Feb-2021				63.13	3779.90
	4-Nov-2020				62.77	3780.26
	12-Aug-2020				62.42	3780.61
	14-May-2020				62.00	3781.03
	6-Feb-2020				61.40	3781.63
	7-Nov-2019				61.93	3781.10
	3-Aug-2019				62.31	3780.72
	9-May-2019				62.12	3780.91
	1-Mar-2019				61.86	3781.17
	13-Nov-2018				61.53	3781.50
	15-Aug-2018				61.59	3781.44
	17-May-2018				61.56	3781.47
	13-Feb-2018				61.22	3781.81
	9-Nov-2017				61.06	3781.97
	10-Aug-2017				61.15	3781.88
	19-May-2017				61.24	3781.79
	7-Feb-2017				60.95	3782.08
	10-Nov-2016				60.91	3782.12
	16-Aug-2016				61.38	3781.65
	17-May-2016				61.40	3781.63
	11-Feb-2016				61.40	3781.63
	11-Nov-2015				61.08	3781.95
	7-Aug-2015				60.85	3782.18
	7-May-2015				61.27	3781.76
	6-Feb-2015				60.96	3782.07
	6-Nov-2014				60.79	3782.24
	12-Aug-2014				60.73	3782.30
	13-May-2014				60.65	3782.38
	14-Feb-2014				60.49	3782.54
	7-Nov-2013				60.28	3782.75
	7-Aug-2013				60.13	3782.90
	8-May-2013				59.72	3783.31
	7-Feb-2013				59.23	3783.80
	26-Oct-2012				58.85	3784.18
	2-Aug-2012				58.79	3784.24
	25-Apr-2012				58.28	3784.75
	9-Dec-2011				58.01	3785.02
	18-Jul-2011				58.44	3784.59
	20-Apr-2011				58.35	3784.68
	18-Jan-2011				58.20	3784.83
	15-Sep-2010				58.28	3784.75
	24-Jun-2010				58.50	3784.53
	22-Mar-2010				58.43	3784.60
	9-Dec-2009				58.15	3784.88
	28-Aug-2009				58.07	3784.96
	27-May-2009				58.41	3784.62

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
MW-2	4-May-2022	NM	NM	3843.25	66.12	3777.13
	10-Feb-2022				66.03	3777.22
	3-Nov-2021				65.88	3777.37
	9-Aug-2021				65.55	3777.70
	5-May-2021				65.10	3778.15
	12-Feb-2021				64.77	3778.48
	4-Nov-2020				64.09	3779.16
	12-Aug-2020				63.38	3779.87
	13-May-2020				62.80	3780.45
	6-Feb-2020				61.91	3781.34
	7-Nov-2019				62.32	3780.93
	3-Aug-2019				62.97	3780.28
	9-May-2019				63.02	3780.23
	1-Mar-2019				62.62	3780.63
	13-Nov-2018				62.04	3781.21
	15-Aug-2018				61.96	3781.29
	17-May-2018				62.65	3780.60
	13-Feb-2018				62.47	3780.78
	9-Nov-2017				62.20	3781.05
	10-Aug-2017				62.26	3780.99
	19-May-2017				62.32	3780.93
	7-Feb-2017				62.20	3781.05
	10-Nov-2016				61.82	3781.43
	16-Aug-2016				62.34	3780.91
	17-May-2016				62.67	3780.58
	11-Feb-2016				62.73	3780.52
	11-Nov-2015				62.30	3780.95
	7-Aug-2015				62.05	3781.20
	7-May-2015				62.66	3780.59
	6-Feb-2015				62.48	3780.77
	6-Nov-2014				62.22	3781.03
	12-Aug-2014				62.09	3781.16
	13-May-2014				62.06	3781.19
	14-Feb-2014				62.04	3781.21
	7-Nov-2013				61.81	3781.44
	7-Aug-2013				62.07	3781.18
	8-May-2013				61.21	3782.04
	7-Feb-2013				60.85	3782.40
	26-Oct-2012				60.42	3782.83
	2-Aug-2012				60.30	3782.95
25-Apr-2012	59.94	3783.31				
30-Jan-2012	59.30	3783.95				
9-Dec-2011	59.33	3783.92				
18-Jul-2011	59.41	3783.84				
20-Apr-2011	59.42	3783.83				
18-Jan-2011	59.31	3783.94				
15-Sep-2010	59.08	3784.17				
24-Jun-2010	59.37	3783.88				
22-Mar-2010	59.44	3783.81				
9-Dec-2009	59.19	3784.06				
28-Aug-2009	58.98	3784.27				
27-May-2009	59.45	3783.80				



**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
MW-3	4-May-2022	NM	NM	3841.24	58.67	3782.57
	10-Feb-2022				58.45	3782.79
	3-Nov-2021				58.60	3782.64
	9-Aug-2021				58.41	3782.83
	5-May-2021				58.02	3783.22
	12-Feb-2021				57.72	3783.52
	4-Nov-2020				57.50	3783.74
	12-Aug-2020				57.09	3784.15
	14-May-2020				56.34	3784.90
	6-Feb-2020				55.37	3785.87
	7-Nov-2019				55.49	3785.87
	3-Aug-2019				56.65	3784.59
	9-May-2019				57.05	3784.19
	1-Mar-2019				57.18	3784.06
	13-Nov-2018				57.09	3784.15
	15-Aug-2018				57.02	3784.22
	17-May-2018				Dry	
	13-Feb-2018				Dry	
	9-Nov-2017				Dry	
	10-Aug-2017				Dry	
	19-May-2017				Dry	
	7-Feb-2017				Dry	
	10-Nov-2016				Dry	
	16-Aug-2016				Dry	
	17-May-2016				Dry	
	11-Feb-2016				Dry	
	11-Nov-2015				Dry	
	7-Aug-2015				Dry	
	7-May-2015				Dry	
	6-Feb-2015				Dry	
	6-Nov-2014				Dry	
	12-Aug-2014				Dry	
	13-May-2014				Dry	
	14-Feb-2014				Dry	
	7-Nov-2013				Dry	
	7-Aug-2013				59.29	3781.95
	8-May-2013				58.80	3782.44
	7-Feb-2013				58.36	3782.88
	26-Oct-2012				57.98	3783.26
	2-Aug-2012				57.81	3783.43
	25-Apr-2012				57.32	3783.92
	30-Jan-2012				56.80	3784.44
	8-Dec-2011				56.87	3784.37
18-Jul-2011	56.98	3784.26				
19-Apr-2011	56.93	3784.31				
18-Jan-2011	56.73	3784.51				
15-Sep-2010	Could not access					
24-Jun-2010	56.91	3784.33				
22-Mar-2010	56.93	3784.31				
9-Dec-2009	56.69	3784.55				
28-Aug-2009	56.54	3784.70				
27-May-2009	56.96	3784.28				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
<b>ABATEMENT PLAN MONITOR WELLS</b>						
DAD-01	2-May-2022	422970.59	1512825.76	3886.16	74.15	3812.01
	7-Feb-2022				73.26	3812.90
	1-Nov-2021				73.82	3812.34
	4-Aug-2021				73.66	3812.50
	3-May-2021				73.11	3813.05
	10-Feb-2021				72.87	3813.29
	2-Nov-2020				73.18	3812.98
	10-Aug-2020				73.70	3812.46
	11-May-2020				73.66	3812.50
	4-Feb-2020				72.46	3813.70
	8-Nov-2019				73.11	3813.05
	1-Aug-2019				74.05	3812.11
	9-May-2019				73.59	3812.57
	19-Feb-2019				72.51	3813.65
	12-Nov-2018				72.84	3813.32
	6-Aug-2018				73.70	3812.46
	17-May-2018				73.38	3812.78
	5-Feb-2018				71.87	3814.29
	6-Nov-2017				72.81	3813.35
	7-Aug-2017				73.66	3812.50
	15-May-2017				73.69	3812.47
	7-Feb-2017				72.38	3813.78
	8-Nov-2016				73.39	3812.77
	16-Aug-2016				74.02	3812.14
	17-May-2016				73.90	3812.26
	10-Feb-2016				72.32	3813.84
	6-Nov-2015				73.00	3813.16
	6-Aug-2015				73.54	3812.62
	7-May-2015				72.98	3813.18
	6-Feb-2015				71.45	3814.71
	6-Nov-2014				72.07	3814.09
	12-Aug-2014				71.93	3814.23
13-May-2014	71.48	3814.68				
12-Feb-2014	70.14	3816.02				
6-Nov-2013	70.64	3815.52				
7-Aug-2013	68.63	3817.53				
7-May-2013	68.48	3817.68				
8-Feb-2013	68.59	3817.57				
29-Oct-2012	68.12	3818.04				
30-Jul-2012	68.97	3817.19				
23-Apr-2012	68.19	3817.97				
25-Jan-2012	67.15	3819.01				
8-Dec-2011	67.41	3818.75				
19-Jul-2011	67.41	3818.75				
25-Apr-2011	65.86	3820.30				
18-Jan-2011	65.37	3820.79				
16-Sep-2010	65.86	3820.30				
24-Jun-2010	66.58	3819.58				
21-Mar-2010	65.46	3820.70				
9-Dec-2009	65.32	3820.84				
29-Aug-2009	65.68	3820.48				
26-May-2009	65.43	3820.73				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-02	3-May-2022	413002.98	1517319.93	3875.82	67.38	3808.44
	8-Feb-2022				66.87	3808.95
	2-Nov-2021				67.30	3808.52
	5-Aug-2021				66.92	3808.90
	4-May-2021				66.46	3809.36
	11-Feb-2021				66.19	3809.63
	3-Nov-2020				66.83	3808.99
	11-Aug-2020				67.11	3808.71
	11-May-2020				67.75	3808.07
	5-Feb-2020				66.20	3809.62
	8-Nov-2019				65.05	3810.77
	1-Aug-2019				66.91	3808.91
	8-May-2019				66.46	3809.36
	19-Feb-2019				65.90	3809.92
	12-Nov-2018				66.40	3809.42
	6-Aug-2018				66.42	3809.40
	17-May-2018				66.10	3809.72
	5-Feb-2018				65.63	3810.19
	6-Nov-2017				66.21	3809.61
	7-Aug-2017				66.75	3809.07
	16-May-2017				66.74	3809.08
	7-Feb-2017				66.41	3809.41
	8-Nov-2016				67.08	3808.74
	16-Aug-2016				67.55	3808.27
	17-May-2016				67.30	3808.52
	10-Feb-2016				66.83	3808.99
	6-Nov-2015				67.21	3808.61
	6-Aug-2015				67.25	3808.57
	7-May-2015				67.10	3808.72
	6-Feb-2015				66.30	3809.52
	6-Nov-2014				66.60	3809.22
	12-Aug-2014				66.55	3809.27
	13-May-2014				66.01	3809.81
	12-Feb-2014				65.42	3810.40
	7-Nov-2013				65.55	3810.27
	7-Aug-2013				65.01	3810.81
	8-May-2013				64.56	3811.26
	8-Feb-2013				64.04	3811.78
	29-Oct-2012				64.11	3811.71
	31-Jul-2012				64.03	3811.79
24-Apr-2012	63.45	3812.37				
25-Jan-2012	62.91	3812.91				
8-Dec-2011	63.07	3812.75				
19-Jul-2011	62.63	3813.19				
18-Apr-2011	62.11	3813.71				
17-Jan-2011	61.37	3814.45				
16-Sep-2010	61.79	3814.03				
25-Jun-2010	62.95	3812.87				
21-Mar-2010	61.43	3814.39				
9-Dec-2009	61.46	3814.36				
29-Aug-2009	61.65	3814.17				
26-May-2009	61.59	3814.23				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-03	3-May-2022	407721.31	1516497.85	3820.58	14.50	3806.08
	8-Feb-2022				13.71	3806.87
	2-Nov-2021				14.16	3806.42
	5-Aug-2021				13.80	3806.78
	4-May-2021				13.10	3807.48
	11-Feb-2021				12.35	3808.23
	3-Nov-2020				12.61	3807.97
	11-Aug-2020				12.67	3807.91
	11-May-2020				12.89	3807.69
	5-Feb-2020				12.57	3808.01
	7-Nov-2019				12.21	3808.37
	1-Aug-2019				13.50	3807.08
	9-May-2019				13.29	3807.29
	19-Feb-2019				12.45	3808.13
	12-Nov-2018				12.55	3808.03
	7-Aug-2018				12.38	3808.20
	17-May-2018				12.41	3808.17
	5-Feb-2018				11.55	3809.03
	7-Nov-2017				11.62	3808.96
	9-Aug-2017				12.47	3808.11
	16-May-2017				13.31	3807.27
	7-Feb-2017				12.50	3808.08
	8-Nov-2016				NM	NM
	17-Aug-2016				13.12	3807.46
	20-May-2016				13.82	3806.76
	10-Feb-2016				13.07	3807.51
	6-Nov-2015				13.20	3807.38
	6-Aug-2015				13.41	3807.17
	7-May-2015				13.52	3807.06
	6-Feb-2015				12.87	3807.71
	6-Nov-2014				12.94	3807.64
	12-Aug-2014				13.20	3807.38
	13-May-2014				13.39	3807.19
	17-Feb-2014				12.66	3807.92
	11-Dec-2013				12.67	3807.91
	14-Aug-2013				12.36	3808.22
	8-May-2013				11.87	3808.71
	8-Feb-2013				11.07	3809.51
	29-Oct-2012				10.93	3809.65
	31-Jul-2012				10.90	3809.68
24-Apr-2012	10.97	3809.61				
25-Jan-2012	10.60	3809.98				
8-Dec-2011	10.70	3809.88				
19-Jul-2011	10.29	3810.29				
18-Apr-2011	10.12	3810.46				
24-Jan-2011	9.36	3811.22				
16-Sep-2010	9.40	3811.18				
24-Jun-2010	9.97	3810.61				
21-Mar-2010	9.90	3810.68				
9-Dec-2009	9.79	3810.79				
29-Aug-2009	9.72	3810.86				
26-May-2009	9.89	3810.69				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-04	3-May-2022	404576.66	1517413.28	3821.47	17.22	3804.25
	8-Feb-2022				17.05	3804.42
	2-Nov-2021				17.93	3803.54
	6-Aug-2021				18.10	3803.37
	4-May-2021				16.26	3805.21
	11-Feb-2021				15.86	3805.61
	3-Nov-2020				16.10	3805.37
	11-Aug-2020				16.68	3804.79
	12-May-2020				16.78	3804.69
	5-Feb-2020				15.70	3805.77
	8-Nov-2019				16.87	3804.60
	1-Aug-2019				17.14	3804.33
	9-May-2019				17.82	3803.65
	19-Feb-2019				15.85	3805.62
	12-Nov-2018				16.15	3805.32
	7-Aug-2018				15.76	3805.71
	17-May-2018				16.66	3804.81
	6-Feb-2018				14.44	3807.03
	6-Nov-2017				14.49	3806.98
	7-Aug-2017				15.55	3805.92
	16-May-2017				17.58	3803.89
	7-Feb-2017				15.59	3805.88
	8-Nov-2016				15.57	3805.90
	16-Aug-2016				16.15	3805.32
	17-May-2016				17.20	3804.27
	10-Feb-2016				15.21	3806.26
	6-Nov-2015				15.98	3805.49
	6-Aug-2015				16.77	3804.70
	7-May-2015				17.57	3803.90
	6-Feb-2015				15.55	3805.92
	6-Nov-2014				15.29	3806.18
	13-Aug-2014				15.81	3805.66
	13-May-2014				17.36	3804.11
	13-Feb-2014				15.45	3806.02
	7-Nov-2013				16.91	3804.56
	7-Aug-2013				17.11	3804.36
	8-May-2013				15.02	3806.45
	8-Feb-2013				14.48	3806.99
	29-Oct-2012				15.10	3806.37
	31-Jul-2012				14.37	3807.10
	24-Apr-2012				14.27	3807.20
	25-Jan-2012				13.40	3808.07
	8-Dec-2011				13.84	3807.63
	19-Jul-2011				13.63	3807.84
	18-Apr-2011				13.21	3808.26
	17-Jan-2011				12.71	3808.76
	16-Sep-2010				12.14	3809.33
	23-Jun-2010				12.59	3808.88
	21-Mar-2010				12.88	3808.59
	9-Dec-2009				12.10	3809.37
	29-Aug-2009				12.13	3809.34
	26-May-2009				12.31	3809.16

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-05	4-May-2022	396712.87	1519102.06	3816.01	15.78	3800.23
	9-Feb-2022				16.32	3799.69
	3-Nov-2021				16.21	3799.80
	6-Aug-2021				15.55	3800.46
	4-May-2021				15.42	3800.59
	12-Feb-2021				14.88	3801.13
	4-Nov-2020				15.16	3800.85
	12-Aug-2020				14.93	3801.08
	12-May-2020				15.60	3800.41
	6-Feb-2020				15.30	3800.71
	8-Nov-2019				15.51	3800.50
	2-Aug-2019				14.21	3801.80
	9-May-2019				16.19	3799.82
	19-Feb-2019				15.65	3800.36
	13-Nov-2018				15.28	3800.73
	7-Aug-2018				14.25	3801.76
	14-May-2018				15.45	3800.56
	6-Feb-2018				14.95	3801.06
	7-Nov-2017				13.75	3802.26
	7-Aug-2017				13.70	3802.31
	16-May-2017				15.96	3800.05
	7-Feb-2017				15.86	3800.15
	8-Nov-2016				15.46	3800.55
	16-Aug-2016				14.28	3801.73
	17-May-2016				16.85	3799.16
	10-Feb-2016				16.55	3799.46
	6-Nov-2015				16.57	3799.44
	13-Aug-2015				14.38	3801.63
	7-May-2015				18.16	3797.85
	6-Feb-2015				16.60	3799.41
	10-Nov-2014				17.25	3798.76
	13-Aug-2014				14.33	3801.68
	13-May-2014				17.24	3798.77
	13-Feb-2014				15.82	3800.19
	7-Nov-2013				15.39	3800.62
	7-Aug-2013				15.32	3800.69
	8-May-2013				15.78	3800.23
	8-Feb-2013				15.08	3800.93
	29-Oct-2012				14.85	3801.16
	2-Aug-2012				14.17	3801.84
	24-Apr-2012				14.14	3801.87
	25-Jan-2012				14.11	3801.90
	8-Dec-2011				14.05	3801.96
	18-Jul-2011				12.31	3803.70
	18-Apr-2011				12.58	3803.43
	17-Jan-2011				12.50	3803.51
	16-Sep-2010				11.87	3804.14
	23-Jun-2010				12.95	3803.06
	21-Mar-2010				12.92	3803.09
	9-Dec-2009				12.13	3803.88
	29-Aug-2009				11.85	3804.16
	26-May-2009				12.07	3803.94

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-06	4-May-2022	404273.19	1522081.00	3887.71	Dry	
	9-Feb-2022				Dry	
	2-Nov-2021				Dry	
	5-Aug-2021				Dry	
	4-May-2021				Dry	
	11-Feb-2021				Dry	
	3-Nov-2020				Dry	
	11-Aug-2020				Dry	
	12-May-2020				Dry	
	5-Feb-2020				Dry	
	8-Nov-2019				Dry	
	5-Aug-2019				Dry	
	9-May-2019				Dry	
	14-Mar-2019				Dry	
	13-Nov-2018				Dry	
	7-Aug-2018				Dry	
	17-May-2018				Dry	
	6-Feb-2018				Dry	
	6-Nov-2017				Dry	
	7-Aug-2017				Dry	
	16-May-2017				Dry	
	7-Feb-2017				Dry	
	8-Nov-2016				Dry	
	16-Aug-2016				Dry	
	17-May-2016				Dry	
	10-Feb-2016				Dry	
	6-Nov-2015				Dry	
	6-Aug-2015				Dry	
	7-May-2015				Dry	
	6-Feb-2015				Dry	
	6-Nov-2014				Dry	
	12-Aug-2014				Dry	
	13-May-2014				Dry	
	13-Feb-2014				Dry	
	7-Nov-2013				Dry	
	7-Aug-2013				Dry	
	8-May-2013				82.79	3804.92
	8-Feb-2013				82.38	3805.33
	29-Oct-2012				82.47	3805.24
	1-Aug-2012				82.20	3805.51
24-Apr-2012	82.13	3805.58				
25-Jan-2012	81.32	3806.39				
8-Dec-2011	81.55	3806.16				
18-Jul-2011	80.94	3806.77				
20-Apr-2011	80.16	3807.55				
17-Jan-2011	79.43	3808.28				
16-Sep-2010	79.68	3808.03				
25-Jun-2010	80.33	3807.38				
21-Mar-2010	79.85	3807.86				
9-Dec-2009	79.95	3807.76				
29-Aug-2009	80.46	3807.25				
26-May-2009	80.32	3807.39				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-07	4-May-2022	399270.18	1524320.88	3891.38	92.63	3798.75
	9-Feb-2022				92.40	3798.98
	3-Nov-2021				91.88	3799.50
	6-Aug-2021				91.10	3800.28
	5-May-2021				92.24	3799.14
	12-Feb-2021				92.06	3799.32
	4-Nov-2020				92.50	3798.88
	12-Aug-2020				92.10	3799.28
	12-May-2020				92.56	3798.82
	6-Feb-2020				92.36	3799.02
	7-Nov-2019				92.70	3798.68
	2-Aug-2019				92.67	3798.71
	9-May-2019				92.67	3798.71
	9-May-2019				90.29	3801.09
	20-Feb-2019				92.24	3799.14
	13-Nov-2018				92.59	3798.79
	7-Aug-2018				92.45	3798.93
	14-May-2018				92.27	3799.11
	5-Feb-2018				92.16	3799.22
	6-Nov-2017				92.47	3798.91
	7-Aug-2017				92.72	3798.66
	15-May-2017				92.61	3798.77
	7-Feb-2017				92.40	3798.98
	8-Nov-2016				93.77	3797.61
	16-Aug-2016				92.94	3798.44
	17-May-2016				92.81	3798.57
	10-Feb-2016				92.64	3798.74
	6-Nov-2015				92.59	3798.79
	6-Aug-2015				92.43	3798.95
	7-May-2015				92.46	3798.92
	6-Feb-2015				92.28	3799.10
	6-Nov-2014				92.34	3799.04
	12-Aug-2014				92.12	3799.26
	13-May-2014				91.88	3799.50
	13-Feb-2014				91.37	3800.01
	7-Nov-2013				91.60	3799.78
	7-Aug-2013				91.19	3800.19
	8-May-2013				90.89	3800.49
	8-Feb-2013				90.13	3801.25
	29-Oct-2012				90.34	3801.04
2-Aug-2012	90.38	3801.00				
24-Apr-2012	90.25	3801.13				
25-Jan-2012	89.75	3801.63				
8-Dec-2011	89.35	3802.03				
18-Jul-2011	88.98	3802.40				
20-Apr-2011	88.34	3803.04				
17-Jan-2011	87.94	3803.44				
16-Sep-2010	88.29	3803.09				
25-Jun-2010	88.49	3802.89				
21-Mar-2010	88.00	3803.38				
9-Dec-2009	88.19	3803.19				
29-Aug-2009	88.45	3802.93				
26-May-2009	88.14	3803.24				



**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-08	4-May-2022	395287.38	1522575.07	3849.15	52.74	3796.41
	9-Feb-2022				51.83	3797.32
	3-Nov-2021				52.60	3796.55
	6-Aug-2021				52.90	3796.25
	5-May-2021				51.89	3797.26
	12-Feb-2021				51.00	3798.15
	4-Nov-2020				51.32	3797.83
	12-Aug-2020				50.89	3798.26
	12-May-2020				51.55	3797.60
	6-Feb-2020				50.99	3798.16
	8-Nov-2019				50.31	3798.84
	2-Aug-2019				51.90	3797.25
	9-May-2019				51.68	3797.47
	20-Feb-2019				50.77	3798.38
	13-Nov-2018				51.58	3797.57
	7-Aug-2018				51.70	3797.45
	14-May-2018				52.20	3796.95
	6-Feb-2018				50.88	3798.27
	7-Nov-2017				51.15	3798.00
	7-Aug-2017				51.71	3797.44
	16-May-2017				52.95	3796.20
	7-Feb-2017				51.74	3797.41
	8-Nov-2016				52.45	3796.70
	16-Aug-2016				52.89	3796.26
	17-May-2016				53.80	3795.35
	10-Feb-2016				52.64	3796.51
	6-Nov-2015				53.04	3796.11
	6-Aug-2015				52.90	3796.25
	7-May-2015				53.22	3795.93
	6-Feb-2015				51.97	3797.18
	6-Nov-2014				52.61	3796.54
	13-Aug-2014				53.09	3796.06
	13-May-2014				53.98	3795.17
	13-Feb-2014				51.31	3797.84
7-Nov-2013	51.50	3797.65				
7-Aug-2013	53.18	3795.97				
8-May-2013	52.43	3796.72				
8-Feb-2013	50.37	3798.78				
29-Oct-2012	49.86	3799.29				
1-Aug-2012	50.34	3798.81				
24-Apr-2012	50.34	3798.81				
25-Jan-2012	49.62	3799.53				
13-Dec-2011	50.12	3799.03				
18-Jul-2011	49.97	3799.18				
20-Apr-2011	48.87	3800.28				
18-Jan-2011	47.80	3801.35				
17-Sep-2010	47.05	3802.10				
25-Jun-2010	48.06	3801.09				
21-Mar-2010	47.76	3801.39				
9-Dec-2009	47.42	3801.73				
29-Aug-2009	47.18	3801.97				
26-May-2009	47.38	3801.77				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-09	4-May-2022	373259.30	1530905.70	3838.03	55.40	3782.63
	10-Feb-2022				54.53	3783.50
	3-Nov-2021				55.25	3782.78
	6-Aug-2021				55.76	3782.27
	5-May-2021				55.78	3782.25
	12-Feb-2021				55.66	3782.37
	4-Nov-2020				55.94	3782.09
	12-Aug-2020				55.90	3782.13
	12-May-2020				55.75	3782.28
	6-Feb-2020				54.85	3783.18
	8-Nov-2019				54.31	3783.72
	2-Aug-2019				55.00	3783.03
	9-May-2019				55.99	3782.04
	20-Feb-2019				57.75	3780.28
	13-Nov-2018				58.15	3779.88
	7-Aug-2018				58.32	3779.71
	14-May-2018				58.25	3779.78
	6-Feb-2018				58.10	3779.93
	7-Nov-2017				58.28	3779.75
	9-Aug-2017				58.73	3779.30
	16-May-2017				58.56	3779.47
	7-Feb-2017				58.25	3779.78
	8-Nov-2016				58.46	3779.57
	16-Aug-2016				58.28	3779.75
	17-May-2016				57.91	3780.12
	10-Feb-2016				57.75	3780.28
	6-Nov-2015				57.46	3780.57
	6-Aug-2015				57.36	3780.67
	7-May-2015				57.19	3780.84
	6-Feb-2015				56.90	3781.13
	6-Nov-2014				56.69	3781.34
	12-Aug-2014				56.57	3781.46
	13-May-2014				56.14	3781.89
	13-Feb-2014				55.65	3782.38
	7-Nov-2013				55.17	3782.86
	7-Aug-2013				55.35	3782.68
	7-May-2013				54.94	3783.09
	8-Feb-2013				54.67	3783.36
	29-Oct-2012				54.13	3783.90
	2-Aug-2012				53.86	3784.17
24-Apr-2012	53.40	3784.63				
25-Jan-2012	52.67	3785.36				
13-Dec-2011	52.62	3785.41				
18-Jul-2011	52.28	3785.75				
18-Apr-2011	51.89	3786.14				
17-Jan-2011	51.09	3786.94				
17-Sep-2010	51.55	3786.48				
29-Jun-2010	52.20	3785.83				
21-Mar-2010	51.84	3786.19				
9-Dec-2009	52.12	3785.91				
29-Aug-2009	52.23	3785.80				
26-May-2009	52.49	3785.54				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-10	4-May-2022	372980.55	1532375.33	3854.93	84.08	3770.85
	10-Feb-2022				83.25	3771.68
	3-Nov-2021				84.12	3770.81
	6-Aug-2021				83.97	3770.96
	5-May-2021				83.93	3771.00
	12-Feb-2021				83.01	3771.92
	4-Nov-2020				83.78	3771.15
	12-Aug-2020				83.10	3771.83
	12-May-2020				83.44	3771.49
	6-Feb-2020				82.95	3771.98
	7-Nov-2019				83.76	3771.17
	2-Aug-2019				83.38	3771.55
	9-May-2019				83.71	3771.22
	20-Feb-2019				82.71	3772.22
	13-Nov-2018				84.08	3770.85
	7-Aug-2018				84.45	3770.48
	17-May-2018				84.35	3770.58
	5-Feb-2018				82.54	3772.39
	6-Nov-2017				83.29	3771.64
	9-Aug-2017				83.76	3771.17
	16-May-2017				84.45	3770.48
	7-Feb-2017				82.58	3772.35
	8-Nov-2016				84.47	3770.46
	16-Aug-2016				84.45	3770.48
	17-May-2016				83.77	3771.16
	10-Feb-2016				82.52	3772.41
	6-Nov-2015				83.80	3771.13
	6-Aug-2015				83.56	3771.37
	7-May-2015				83.93	3771.00
	6-Feb-2015				82.18	3772.75
	6-Nov-2014				83.31	3771.62
	12-Aug-2014				83.25	3771.68
	13-May-2014				83.61	3771.32
	17-Feb-2014				81.59	3773.34
	7-Nov-2013				82.75	3772.18
	7-Aug-2013				82.78	3772.15
	7-May-2013				81.77	3773.16
	8-Feb-2013				80.87	3774.06
	29-Oct-2012				81.02	3773.91
	2-Aug-2012				81.47	3773.46
24-Apr-2012	80.36	3774.57				
25-Jan-2012	78.76	3776.17				
13-Dec-2011	79.07	3775.86				
18-Jul-2011	80.29	3774.64				
20-Apr-2011	79.13	3775.80				
17-Jan-2011	77.82	3777.11				
17-Sep-2010	78.66	3776.27				
29-Jun-2010	78.59	3776.34				
21-Mar-2010	77.19	3777.74				
9-Dec-2009	77.92	3777.01				
29-Aug-2009	78.72	3776.21				
26-May-2009	77.90	3777.03				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-11 Vertical Delineation	3-May-2022	416211.35	1513814.71	3835.90	23.12	3812.78
	8-Feb-2022				23.06	3812.84
	2-Nov-2021				22.75	3813.15
	5-Aug-2021				22.52	3813.38
	4-May-2021				22.45	3813.45
	11-Feb-2021				21.86	3814.04
	3-Nov-2020				21.38	3814.52
	11-Aug-2020				21.32	3814.58
	12-May-2020				22.07	3813.83
	5-Feb-2020				21.54	3814.36
	8-Nov-2019				20.17	3815.73
	1-Aug-2019				21.65	3814.25
	8-May-2019				21.95	3813.95
	19-Feb-2019				21.35	3814.55
	12-Nov-2018				21.45	3814.45
	6-Aug-2018				20.21	3815.69
	17-May-2018				22.15	3813.75
	6-Feb-2018				21.38	3814.52
	6-Nov-2017				21.15	3814.75
	8-Aug-2017				21.55	3814.35
	15-May-2017				22.79	3813.11
	7-Feb-2017				22.75	3813.15
	8-Nov-2016				22.20	3813.70
	16-Aug-2016				22.20	3813.70
	17-May-2016				23.54	3812.36
	10-Feb-2016				23.14	3812.76
	6-Nov-2015				22.92	3812.98
	6-Aug-2015				22.38	3813.52
	7-May-2015				22.64	3813.26
	6-Feb-2015				22.50	3813.40
	10-Nov-2014				21.80	3814.10
	13-Aug-2014				20.77	3815.13
	12-May-2014				21.34	3814.56
	12-Feb-2014				21.64	3814.26
	7-Nov-2013				20.76	3815.14
	7-Aug-2013				20.17	3815.73
	8-May-2013				20.70	3815.20
	8-Feb-2013				19.25	3816.65
	29-Oct-2012				19.07	3816.83
	30-Jul-2012				18.57	3817.33
24-Apr-2012	19.12	3816.78				
25-Jan-2012	18.40	3817.50				
13-Dec-2011	18.75	3817.15				
19-Jul-2011	17.54	3818.36				
19-Apr-2011	17.31	3818.59				
17-Jan-2011	16.99	3818.91				
15-Sep-2010	16.24	3819.66				
23-Jun-2010	16.53	3819.37				
22-Mar-2010	17.29	3818.61				
8-Dec-2009	16.82	3819.08				
28-Aug-2009	16.63	3819.27				
26-May-2009	16.92	3818.98				
10-Dec-2008	17.05	3818.85				
27-Sep-2008	16.65	3819.25				
10-Jun-2008	17.53	3818.37				
6-Feb-2008	17.33	3818.57				
13-Nov-2007	17.19	3818.71				
13-Sep-2007	16.61	3819.29				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-12 Vertical Delineation	2-May-2022	419731.54	1512274.77	3866.72	52.90	3813.82
	7-Feb-2022				52.66	3814.06
	1-Nov-2021				52.15	3814.57
	4-Aug-2021				51.51	3815.21
	3-May-2021				51.70	3815.02
	10-Feb-2021				51.30	3815.42
	2-Nov-2020				51.88	3814.84
	10-Aug-2020				52.01	3814.71
	12-May-2020				52.32	3814.40
	4-Feb-2020				51.66	3815.06
	8-Nov-2019				50.91	3815.81
	5-Aug-2019				51.71	3815.01
	8-May-2019				51.75	3814.97
	19-Feb-2019				51.65	3815.07
	13-Nov-2018				51.28	3815.44
	6-Aug-2018				50.60	3816.12
	17-May-2018				52.21	3814.51
	6-Feb-2018				51.35	3815.37
	7-Nov-2017				51.30	3815.42
	8-Aug-2017				52.10	3814.62
	15-May-2017				52.48	3814.24
	7-Feb-2017				52.63	3814.09
	7-Nov-2016				52.41	3814.31
	16-Aug-2016				52.73	3813.99
	17-May-2016				53.20	3813.52
	10-Feb-2016				52.77	3813.95
	6-Nov-2015				52.77	3813.95
	6-Aug-2015				52.87	3813.85
	7-May-2015				52.75	3813.97
	6-Feb-2015				52.18	3814.54
	10-Nov-2014				51.93	3814.79
	13-Aug-2014				51.10	3815.62
	12-May-2014				51.43	3815.29
12-Feb-2014	50.92	3815.80				
7-Nov-2013	50.49	3816.23				
7-Aug-2013	49.24	3817.48				
7-May-2013	49.66	3817.06				
8-Feb-2013	49.36	3817.36				
29-Oct-2012	48.96	3817.76				
31-Jul-2012	48.59	3818.13				
23-Apr-2011	48.44	3818.28				
25-Jan-2012	48.01	3818.71				
6-Dec-2011	48.15	3818.57				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-13	3-May-2022	417879.08	1515673.13	3898.44	87.50	3810.94
	8-Feb-2022				86.91	3811.53
	2-Nov-2021				87.62	3810.82
	5-Aug-2021				88.50	3809.94
	4-May-2021				87.17	3811.27
	11-Feb-2021				86.29	3812.15
	3-Nov-2020				86.76	3811.68
	11-Aug-2020				87.56	3810.88
	12-May-2020				87.41	3811.03
	5-Feb-2020				86.10	3812.34
	8-Nov-2019				87.13	3811.31
	1-Aug-2019				88.64	3809.80
	8-May-2019				88.75	3809.69
	19-Feb-2019				86.29	3812.15
	12-Nov-2018				86.20	3812.24
	6-Aug-2018				89.48	3808.96
	17-May-2018				89.84	3808.60
	5-Feb-2018				85.81	3812.63
	6-Nov-2017				86.65	3811.79
	8-Aug-2017				88.68	3809.76
	15-May-2017				88.16	3810.28
	7-Feb-2017				86.25	3812.19
	8-Nov-2016				87.04	3811.40
	16-Aug-2016				87.70	3810.74
	20-May-2016				88.63	3809.81
	10-Feb-2016				86.30	3812.14
	6-Nov-2015				86.40	3812.04
	6-Aug-2015				88.65	3809.79
	7-May-2015				88.05	3810.39
	6-Feb-2015				85.50	3812.94
	10-Nov-2014				85.74	3812.70
	13-Aug-2014				86.67	3811.77
	13-May-2014				87.24	3811.20
12-Feb-2014	84.45	3813.99				
7-Nov-2013	85.43	3813.01				
14-Aug-2013	86.46	3811.98				
8-May-2013	84.96	3813.48				
8-Feb-2013	84.81	3813.63				
29-Oct-2012	85.39	3813.05				
30-Jul-2012	85.51	3812.93				
23-Apr-2012	83.56	3814.88				
25-Jan-2012	82.72	3815.72				
8-Dec-2011	82.88	3815.56				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-14	3-May-2022	414923.33	1514695.26	3841.90	30.80	3811.10
	8-Feb-2022				30.44	3811.46
	2-Nov-2021				30.51	3811.39
	5-Aug-2021				30.22	3811.68
	4-May-2021				30.25	3811.65
	11-Feb-2021				29.31	3812.59
	3-Nov-2020				29.43	3812.47
	11-Aug-2020				29.36	3812.54
	11-May-2010				29.85	3812.05
	5-Feb-2020				29.30	3812.60
	8-Nov-2019				29.64	3812.26
	1-Aug-2019				30.10	3811.80
	8-May-2019				29.77	3812.13
	19-Feb-2019				29.24	3812.66
	12-Nov-2018				29.30	3812.60
	6-Aug-2018				29.35	3812.55
	17-May-2018				29.55	3812.35
	5-Feb-2018				28.80	3813.10
	6-Nov-2017				29.07	3812.83
	9-Aug-2017				29.75	3812.15
	15-May-2017				30.40	3811.50
	7-Feb-2017				30.00	3811.90
	8-Nov-2016				30.18	3811.72
	16-Aug-2016				30.55	3811.35
	17-May-2016				30.95	3810.95
	10-Feb-2016				30.47	3811.43
	6-Nov-2015				30.54	3811.36
	6-Aug-2015				30.47	3811.43
	7-May-2015				30.29	3811.61
	6-Feb-2015				29.83	3812.07
	10-Nov-2014				29.50	3812.40
	13-Aug-2014				28.63	3813.27
	13-May-2014				29.68	3812.22
12-Feb-2014	29.02	3812.88				
7-Nov-2013	28.44	3813.46				
7-Aug-2013	28.25	3813.65				
8-May-2013	28.15	3813.75				
8-Feb-2013	27.31	3814.59				
25-Oct-2012	26.62	3815.28				
30-Jul-2012	25.85	3816.05				
24-Apr-2012	26.07	3815.83				
25-Jan-2012	26.10	3815.80				
8-Dec-2011	26.30	3815.60				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-15	3-May-2022	402001.22	1523552.04	3897.61	96.38	3801.23
	10-Feb-2022				96.11	3801.50
	2-Nov-2021				96.30	3801.31
	5-Aug-2021				Not Gauged - Inaccessible	
	5-May-2021				96.24	3801.37
	11-Feb-2021				95.91	3801.70
	4-Nov-2020				96.25	3801.36
	12-Aug-2020				95.73	3801.88
	12-May-2020				96.39	3801.22
	6-Feb-2020				95.22	3802.39
	25-Nov-2019				96.40	3801.21
	5-Aug-2019				96.30	3801.31
	9-May-2019				96.00	3801.61
	21-Feb-2019				95.71	3801.90
	13-Nov-2018				96.05	3801.56
	7-Aug-2018				95.74	3801.87
	17-May-2018				95.65	3801.96
	6-Feb-2018				95.62	3801.99
	7-Nov-2017				95.86	3801.75
	15-Aug-2017				96.41	3801.20
	16-May-2017				96.18	3801.43
	16-Feb-2017				95.81	3801.80
	8-Nov-2016				96.21	3801.40
	16-Aug-2016				96.38	3801.23
	17-May-2016				96.32	3801.29
	10-Feb-2016				96.00	3801.61
	6-Nov-2015				96.08	3801.53
	6-Aug-2015				96.05	3801.56
	7-May-2015				96.05	3801.56
	6-Feb-2015				95.65	3801.96
	6-Nov-2014				95.11	3802.50
	14-Aug-2014				95.50	3802.11
	13-May-2014				95.47	3802.14
12-Feb-2014	94.81	3802.80				
7-Nov-2013	95.08	3802.53				
7-Aug-2013	95.31	3802.30				
8-May-2013	94.35	3803.26				
8-Feb-2013	94.01	3803.60				
29-Oct-2012	93.78	3803.83				



**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-16	4-May-2022	400628.77	1519350.74	3819.28	19.39	3799.89
	8-Feb-2022				18.65	3800.63
	3-Nov-2021				19.13	3800.15
	6-Aug-2021				20.01	3799.27
	5-May-2021				16.57	3802.71
	11-Feb-2021				17.32	3801.96
	3-Nov-2020				17.76	3801.52
	11-Aug-2020				18.04	3801.24
	12-May-2020				18.40	3800.88
	6-Feb-2020				17.25	3802.03
	8-Nov-2019				18.44	3800.84
	5-Aug-2019				19.03	3800.25
	9-May-2019				19.25	3800.03
	20-Feb-2019				17.45	3801.83
	13-Nov-2018				17.90	3801.38
	7-Aug-2018				18.00	3801.28
	17-May-2018				18.45	3800.83
	6-Feb-2018				16.39	3802.89
	7-Nov-2017				16.26	3803.02
	9-Aug-2017				16.60	3802.68
	16-May-2017				19.34	3799.94
	7-Feb-2017				17.16	3802.12
	8-Nov-2016				17.73	3801.55
	16-Aug-2016				17.70	3801.58
	17-May-2016				20.22	3799.06
	10-Feb-2016				18.46	3800.82
	6-Nov-2015				19.24	3800.04
	6-Aug-2015				19.46	3799.82
	7-May-2015				20.45	3798.83
	6-Feb-2015				18.45	3800.83
	10-Nov-2014				18.94	3800.34
	13-Aug-2014				19.45	3799.83
	13-May-2014				20.31	3798.97
13-Feb-2014	18.45	3800.83				
7-Nov-2013	18.94	3800.34				
7-Aug-2013	19.06	3800.22				
8-May-2013	18.49	3800.79				
8-Feb-2013	17.20	3802.08				
29-Oct-2012	17.23	3802.05				
31-Jul-2012	18.58	3800.70				
24-Apr-2012	17.64	3801.64				
25-Jan-2012	16.50	3802.78				
8-Dec-2011	16.58	3802.70				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-17	4-May-2022	393991.97	1520267.94	3817.75	20.87	3796.88
	9-Feb-2022				20.02	3797.73
	3-Nov-2021				20.26	3797.49
	6-Aug-2021				20.99	3796.76
	5-May-2021				19.91	3797.84
	12-Feb-2021				19.05	3798.70
	4-Nov-2020				19.00	3798.75
	12-Aug-2020				19.03	3798.72
	12-May-2020				19.97	3797.78
	6-Feb-2020				18.87	3798.88
	8-Nov-2019				18.18	3799.57
	2-Aug-2019				19.31	3798.44
	9-May-2019				20.17	3797.58
	19-Feb-2019				19.20	3798.55
	13-Nov-2018				19.35	3798.40
	7-Aug-2018				18.72	3799.03
	14-May-2018				21.04	3796.71
	6-Feb-2018				18.61	3799.14
	7-Nov-2017				18.41	3799.34
	9-Aug-2017				18.07	3799.68
	16-May-2017				20.56	3797.19
	7-Feb-2017				19.47	3798.28
	8-Nov-2016				20.18	3797.57
	16-Aug-2016				20.17	3797.58
	17-May-2016				22.97	3794.78
	10-Feb-2016				21.22	3796.53
	6-Nov-2015				22.95	3794.80
	13-Aug-2015				21.95	3795.80
	7-May-2015				22.59	3795.16
	6-Feb-2015				21.00	3796.75
	10-Nov-2014				21.76	3795.99
	13-Aug-2014				20.32	3797.43
	13-May-2014				23.32	3794.43
12-Feb-2014	20.05	3797.70				
7-Nov-2013	20.21	3797.54				
7-Aug-2013	19.75	3798.00				
13-May-2013	19.37	3798.38				
8-Feb-2013	18.55	3799.20				
29-Oct-2012	19.18	3798.57				
2-Aug-2012	19.07	3798.68				
24-Apr-2012	21.01	3796.74				
25-Jan-2012	17.74	3800.01				
9-Dec-2011	19.21	3798.54				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-18 Vertical Delineation	4-May-2022	395714.14	1520588.96	3821.59	24.18	3797.41
	9-Feb-2022				23.41	3798.18
	3-Nov-2021				24.06	3797.53
	6-Aug-2021				23.70	3797.89
	5-May-2021				23.11	3798.48
	12-Feb-2021				22.02	3799.57
	4-Nov-2020				21.24	3800.35
	12-Aug-2020				20.65	3800.94
	12-May-2020				21.28	3800.31
	6-Feb-2020				20.19	3801.40
	8-Nov-2019				20.00	3801.59
	2-Aug-2019				21.26	3800.33
	9-May-2019				23.49	3798.10
	20-Feb-2019				22.24	3799.35
	13-Nov-2018				22.43	3799.16
	7-Aug-2018				21.95	3799.64
	14-May-2018				23.58	3798.01
	6-Feb-2018				22.00	3799.59
	7-Nov-2017				22.41	3799.18
	7-Aug-2017				21.97	3799.62
	16-May-2017				24.19	3797.40
	7-Feb-2017				23.25	3798.34
	8-Nov-2016				23.55	3798.04
	16-Aug-2016				22.10	3799.49
	17-May-2016				25.39	3796.20
	10-Feb-2016				23.81	3797.78
	6-Nov-2015				24.35	3797.24
	13-Aug-2015				23.37	3798.22
	7-May-2015				25.84	3795.75
	6-Feb-2015				23.73	3797.86
	10-Nov-2014				24.90	3796.69
	12-Aug-2014				22.93	3798.66
	13-May-2014				25.33	3796.26
17-Feb-2014	23.03	3798.56				
7-Nov-2013	23.25	3798.34				
7-Aug-2013	24.23	3797.36				
13-May-2013	22.97	3798.62				
8-Feb-2013	22.04	3799.55				
29-Oct-2012	22.40	3799.19				
1-Aug-2012	22.43	3799.16				
24-Apr-2012	22.20	3799.39				
25-Jan-2012	21.33	3800.26				
6-Dec-2011	21.43	3800.16				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-19 Vertical Delineation	4-May-2022	400164.47	1522027.92	3864.50	64.58	3799.92
	9-Feb-2022				63.66	3800.84
	3-Nov-2021				64.50	3800.00
	6-Aug-2021				64.90	3799.60
	5-May-2021				64.38	3800.12
	12-Feb-2021				63.43	3801.07
	4-Nov-2020				63.62	3800.88
	11-Aug-2020				63.89	3800.61
	12-May-2020				64.57	3799.93
	6-Feb-2020				63.98	3800.52
	7-Nov-2019				64.59	3799.91
	2-Aug-2019				64.79	3799.71
	9-May-2019				64.35	3800.15
	20-Feb-2019				63.40	3801.10
	13-Nov-2018				64.06	3800.44
	7-Aug-2018				63.95	3800.55
	14-May-2018				63.38	3801.12
	6-Feb-2018				62.67	3801.83
	7-Nov-2017				62.88	3801.62
	9-Aug-2017				63.71	3800.79
	16-May-2017				64.53	3799.97
	7-Feb-2017				63.57	3800.93
	8-Nov-2016				64.00	3800.50
	16-Aug-2016				64.54	3799.96
	17-May-2016				64.73	3799.77
	10-Feb-2016				64.50	3800.00
	6-Nov-2015				64.78	3799.72
	6-Aug-2015				65.35	3799.15
	7-May-2015				65.56	3798.94
	6-Feb-2015				64.38	3800.12
	10-Nov-2014				64.50	3800.00
	12-Aug-2014				65.29	3799.21
13-May-2014	65.26	3799.24				
12-Feb-2014	63.99	3800.51				
7-Nov-2013	64.11	3800.39				
7-Aug-2013	64.46	3800.04				
14-May-2013	63.75	3800.75				
8-Feb-2013	62.95	3801.55				
29-Oct-2012	62.30	3802.20				
1-Aug-2012	63.70	3800.80				
24-Apr-2012	63.31	3801.19				
25-Jan-2012	62.25	3802.25				
6-Dec-2011	62.29	3802.21				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-20	4-May-2022	371751.45	1531188.19	3833.27	56.81	3776.46
	10-Feb-2022				56.20	3777.07
	3-Nov-2021				56.68	3776.59
	6-Aug-2021				56.51	3776.76
	5-May-2021				56.08	3777.19
	12-Feb-2021				55.47	3777.80
	4-Nov-2020				55.60	3777.67
	12-Aug-2020				55.26	3778.01
	12-May-2020				54.88	3778.39
	6-Feb-2020				53.54	3779.73
	7-Nov-2019				53.55	3779.72
	5-Aug-2019				54.55	3778.72
	9-May-2019				54.98	3778.29
	20-Feb-2019				54.60	3778.67
	13-Nov-2018				54.60	3778.67
	7-Aug-2018				54.80	3778.47
	14-May-2018				54.96	3778.31
	6-Feb-2018				54.27	3779.00
	6-Nov-2017				54.41	3778.86
	9-Aug-2017				54.71	3778.56
	16-May-2017				55.10	3778.17
	16-Feb-2017				54.55	3778.72
	8-Nov-2016				54.84	3778.43
	16-Aug-2016				54.97	3778.30
	17-May-2016				54.94	3778.33
	10-Feb-2016				54.50	3778.77
	6-Nov-2015				54.41	3778.86
	6-Aug-2015				54.32	3778.95
	7-May-2015				54.40	3778.87
	6-Feb-2015				54.26	3779.01
	6-Nov-2014				54.44	3778.83
	12-Aug-2014				54.26	3779.01
	13-May-2014				54.20	3779.07
	13-Feb-2014				53.54	3779.73
	7-Nov-2013				53.70	3779.57
	7-Aug-2013				53.43	3779.84
	8-May-2013				52.88	3780.39
	8-Feb-2013				52.29	3780.98
	7-Nov-2012				52.18	3781.09
	29-Oct-2012				Obstruction in Well	
2-Aug-2012	Obstruction in Well					
25-Apr-2012	Obstruction in Well					
25-Jan-2012	50.65	3782.62				
6-Dec-2011	50.66	3782.61				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-21	4-May-2022	374013.39	1530983.98	3839.62	55.70	3783.92
	10-Feb-2022				54.81	3784.81
	3-Nov-2021				55.25	3784.37
	6-Aug-2021				56.12	3783.50
	5-May-2021				55.97	3783.65
	12-Feb-2021				55.90	3783.72
	4-Nov-2020				56.12	3783.50
	12-Aug-2020				56.25	3783.37
	12-May-2020				56.33	3783.29
	6-Feb-2020				57.02	3782.60
	8-Nov-2019				56.12	3783.50
	2-Aug-2019				57.76	3781.86
	9-May-2019				57.58	3782.04
	20-Feb-2019				58.62	3781.00
	13-Nov-2018				58.85	3780.77
	7-Aug-2018				58.79	3780.83
	17-May-2018				58.82	3780.80
	6-Feb-2018				58.65	3780.97
	6-Nov-2017				58.61	3781.01
	9-Aug-2017				59.28	3780.34
	16-May-2017				59.13	3780.49
	7-Feb-2017				59.02	3780.60
	8-Nov-2016				58.95	3780.67
	16-Aug-2016				58.79	3780.83
	17-May-2016				58.54	3781.08
	10-Feb-2016				58.48	3781.14
	6-Nov-2015				58.13	3781.49
	6-Aug-2015				57.83	3781.79
	7-May-2015				57.56	3782.06
	6-Feb-2015				57.16	3782.46
	6-Nov-2014				56.97	3782.65
	12-Aug-2014				56.82	3782.80
	13-May-2014				56.42	3783.20
17-Feb-2014	55.97	3783.65				
7-Nov-2013	55.89	3783.73				
7-Aug-2013	55.81	3783.81				
7-May-2013	55.43	3784.19				
8-Feb-2013	55.10	3784.52				
29-Oct-2012	54.60	3785.02				
2-Aug-2012	54.31	3785.31				
24-Apr-2012	53.61	3786.01				
30-Jan-2012	53.44	3786.18				
6-Dec-2011	53.24	3786.38				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-22	4-May-2022	373029.62	1530352.69	3827.14	46.70	3780.44
	10-Feb-2022				46.22	3780.92
	3-Nov-2021				46.53	3780.61
	6-Aug-2021				46.76	3780.38
	5-May-2021				46.46	3780.68
	12-Feb-2021				46.79	3780.35
	4-Nov-2020				47.33	3779.81
	12-Aug-2020				46.72	3780.42
	12-May-2020				46.62	3780.52
	6-Feb-2020				46.29	3780.85
	8-Nov-2019				46.03	3781.11
	2-Aug-2019				47.00	3780.14
	9-May-2019				47.33	3779.81
	20-Feb-2019				47.31	3779.83
	13-Nov-2018				47.30	3779.84
	7-Aug-2018				47.81	3779.33
	17-May-2018				47.77	3779.37
	6-Feb-2018				47.80	3779.34
	7-Nov-2017				48.11	3779.03
	9-Aug-2017				48.62	3778.52
	16-May-2017				48.57	3778.57
	7-Feb-2017				48.20	3778.94
	8-Nov-2016				48.30	3778.84
	16-Aug-2016				48.17	3778.97
	17-May-2016				47.91	3779.23
	10-Feb-2016				47.57	3779.57
	6-Nov-2015				47.64	3779.50
	6-Aug-2015				47.65	3779.49
	7-May-2015				47.54	3779.60
	6-Feb-2015				47.30	3779.84
	6-Nov-2014				47.14	3780.00
	12-Aug-2014				46.98	3780.16
	13-May-2014				46.56	3780.58
	17-Feb-2014				46.18	3780.96
	7-Nov-2013				45.73	3781.41
	7-Aug-2013				45.77	3781.37
14-May-2013	44.09	3783.05				
8-Feb-2013	44.08	3783.06				
29-Oct-2012	44.51	3782.63				
2-Aug-2012	44.23	3782.91				
25-Apr-2012	43.86	3783.28				
25-Jan-2012	43.22	3783.92				
13-Dec-2011	43.27	3783.87				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-23	3-May-2022	413958.29	1515697.17	3855.46	45.30	3810.16
	8-Feb-2022				44.80	3810.66
	2-Nov-2021				45.08	3810.38
	5-Aug-2021				44.81	3810.65
	4-May-2021				44.70	3810.76
	11-Feb-2021				43.75	3811.71
	3-Nov-2020				44.15	3811.31
	11-Aug-2020				44.61	3810.85
	12-May-2020				44.45	3811.01
	5-Feb-2020				43.86	3811.60
	8-Nov-2019				43.33	3812.13
	1-Aug-2019				44.85	3810.61
	8-May-2019				44.23	3811.23
	19-Feb-2019				43.75	3811.71
	12-Nov-2018				43.94	3811.52
	6-Aug-2018				44.18	3811.28
	17-May-2018				44.00	3811.46
	6-Feb-2018				43.24	3812.22
	6-Nov-2017				43.72	3811.74
	9-Aug-2017				44.55	3810.91
	16-May-2017				44.84	3810.62
	7-Feb-2017				44.32	3811.14
	8-Nov-2016				44.85	3810.61
17-Aug-2016	45.38	3810.08				
17-May-2016	45.52	3809.94				
11-Feb-2016	45.37	3810.09				



**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-24 Vertical Delineation	4-May-2022	400183.23	1522052.57	3864.91	67.77	3797.14
	9-Feb-2022				66.86	3798.05
	3-Nov-2021				67.68	3797.23
	6-Aug-2021				68.00	3796.91
	5-May-2021				67.20	3797.71
	12-Feb-2021				66.60	3798.31
	4-Nov-2020				66.92	3797.99
	11-Aug-2020				67.28	3797.63
	12-May-2020				67.66	3797.25
	6-Feb-2020				67.10	3797.81
	7-Nov-2019				68.27	3796.64
	2-Aug-2019				67.44	3797.47
	9-May-2019				67.45	3797.46
	20-Feb-2019				64.52	3800.39
	13-Nov-2018				64.92	3799.99
	7-Aug-2018				66.86	3798.05
	14-May-2018				66.88	3798.03
	6-Feb-2018				64.40	3800.51
	7-Nov-2017				64.70	3800.21
	9-Aug-2017				64.75	3800.16
	16-May-2017				66.80	3798.11
	7-Feb-2017				66.04	3798.87
	8-Nov-2016				65.95	3798.96
16-Aug-2016	65.60	3799.31				
17-May-2016	67.91	3797.00				
11-Feb-2016	67.85	3797.06				
DAD-25	4-May-2022	394560.83	1524599.12	3870.63	66.73	3803.90
	9-Feb-2022				67.55	3803.08
	3-Nov-2021				68.01	3802.62
	6-Aug-2021				68.70	3801.93
	5-May-2021				69.09	3801.54
	12-Feb-2021				68.38	3802.25
	4-Nov-2020				68.29	3802.34
	12-Aug-2020				67.66	3802.97
	12-May-2020				68.17	3802.46
	6-Feb-2020				67.03	3803.60
	8-Nov-2019				66.11	3804.52
	2-Aug-2019				67.81	3802.82
	9-May-2019				67.73	3802.90
	20-Feb-2019				67.65	3802.98
	13-Nov-2018				67.49	3803.14
	7-Aug-2018				67.20	3803.43
	14-May-2018				66.90	3803.73
	6-Feb-2018				66.49	3804.14
	7-Nov-2017				64.82	3805.81
	9-Aug-2017				65.00	3805.63
	16-May-2017				66.21	3804.42
	7-Feb-2017				65.72	3804.91
	8-Nov-2016				65.31	3805.32
16-Aug-2016	64.84	3805.79				
17-May-2016	64.55	3806.08				
11-Feb-2016	64.11	3806.52				

**TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	Northing <sup>a</sup>	Easting <sup>a</sup>	Casing Elevation <sup>b</sup>	Depth to Water <sup>c</sup>	Ground Water Elevation <sup>b</sup>
DAD-26	4-May-2022	372513.58	1530789.76	3829.31	49.79	3779.52
	10-Feb-2022				49.30	3780.01
	3-Nov-2021				49.75	3779.56
	6-Aug-2021				49.51	3779.80
	5-May-2021				49.35	3779.96
	12-Feb-2021				49.25	3780.06
	4-Nov-2020				49.50	3779.81
	12-Aug-2020				49.40	3779.91
	12-May-2020				49.00	3780.31
	6-Feb-2020				48.00	3781.31
	8-Nov-2019				47.83	3781.48
	2-Aug-2019				48.45	3780.86
	9-May-2019				49.18	3780.13
	20-Feb-2019				50.12	3779.19
	13-Nov-2018				50.66	3778.65
	7-Aug-2018				50.75	3778.56
	17-May-2018				50.69	3778.62
	6-Feb-2018				50.35	3778.96
	6-Nov-2017				50.66	3778.65
	9-Aug-2017				51.10	3778.21
16-May-2017	51.11	3778.20				
7-Feb-2017	50.70	3778.61				
8-Nov-2016	51.07	3778.24				
17-Aug-2016	50.97	3778.34				
17-May-2016	50.55	3778.76				
11-Feb-2016	50.30	3779.01				

Notes:

<sup>a</sup> Horizontal control to NM State Plane Coordinates Central NAD83 Grid Coordinates (in feet)

<sup>b</sup> Vertical Control to NAVD88 Datum in feet above mean sea level

<sup>c</sup> Measured in feet below the top of casing at survey point on north side of well

<sup>d</sup> Measured in feet

Gauging data from current quarter.

Wells were gauged on a different date by Magee and Associates Inc.

Wells were gauged on a different date by EnviroCompliance Inc.

Groundwater elevation is anomalous.

Measured data were suspect and corrected to reflect appropriate trends in accordance with surrounding wells

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
<b>NORTHERN AREA</b>						
<b>Northern Land Application Area</b>						
70-03	9-May-2022	7.19	6,729	22.1	2.35	149
	15-Feb-2022	7.20	6,560	20.6	2.91	159
	5-Nov-2021	7.24	6,943	21.3	2.70	269
	10-Aug-2021	7.61	7,280	21.9	2.38	54
	10-May-2021	7.18	7,423	21.4	2.09	191
	16-Feb-2021	7.36	7,008	19.5	1.81	126
	11-Nov-2020	7.38	7,493	20.8	2.38	100
	14-Aug-2020	7.43	8,430	22.6	2.20	145
	13-May-2020	7.42	9,512	22.6	2.33	104
	7-Feb-2020	7.66	8,733	20.4	8.37	64
	15-Nov-2019	6.52	9,236	20.7	2.08	131
	6-Aug-2019	6.86	10,460	21.7	NM	162
	16-May-2019	7.25	10,470	21.9	4.22	35
	26-Feb-2019	6.57	6,164	20.7	1.29	176
	15-Nov-2018	6.68	11,020	19.8	1.74	180
	15-Aug-2018	7.08	11,530	22.6	1.34	140
	21-May-2018	6.58	11,570	21.30	NM	110
	13-Feb-2018	7.11	11,890	20.30	2.12	147
	9-Nov-2017	6.71	11,700	18.90	3.07	135
	14-Aug-2017	7.09	12,340	21.70	4.50	37
	19-May-2017	6.91	11,880	20.76	2.61	226.7
	20-Feb-2017	7.54	10,832	20.68	3.78	181.6
	22-Nov-2016	7.12	11,539	20.12	3.93	95.5
	18-Aug-2016	6.92	11,818	21.34	2.26	29.4
	24-May-2016	6.95	10,486	20.41	2.90	46.2
	16-Feb-2016	6.50	9,366	19.76	3.00	253.4
	12-Nov-2015	7.16	9,359	20.21	1.32	206.1
	19-Aug-2015	6.96	11,433	25.28	NM	209.7
70/86/340-01	5-May-2022	7.19	8,781	20.4	2.90	156
	14-Feb-2022	7.17	7,999	19.0	2.80	152
	4-Nov-2021	7.20	5,509	19.7	2.93	286
	9-Aug-2021	7.75	4,712	21.4	2.91	89
	6-May-2021	7.47	5,732	21.6	2.48	183
	15-Feb-2021	7.63	7,190	18.9	2.90	76
	11-Nov-2020	7.26	6,479	19.6	1.39	134
	13-Aug-2020	7.40	6,967	22.0	2.03	158
	18-May-2020	7.48	6,891	21.9	2.42	153
	7-Feb-2020	7.63	6,896	20.3	13.97	58
	15-Nov-2019	6.54	6,880	20.3	0.78	192
	7-Aug-2019	6.95	7,219	20.9	NM	145
	16-May-2019	7.73	7,135	21.4	2.81	72
	25-Feb-2019	7.17	5,654	20.3	2.07	143
	16-Nov-2018	6.97	6,977	19.7	2.94	165
	14-Aug-2018	7.16	7,121	22.2	3.17	125
	21-May-2018	6.66	7,060	21.40	3.51	109
	12-Feb-2018	7.21	7,190	18.80	4.19	129
	9-Nov-2017	6.93	6,928	18.50	3.12	121
	11-Aug-2017	7.25	7,974	25.00	3.57	143
	18-May-2017	6.94	7,521	20.20	2.12	183.5
	16-Feb-2017	7.27	6,420	20.36	6.36	226.7
	10-Nov-2016	7.17	7,573	20.99	3.88	133.6
	23-Aug-2016	6.90	7,584	20.69	1.24	34.1
	19-May-2016	7.09	6,422	20.36	2.88	78.0
	15-Feb-2016	6.07	6,451	18.64	3.83	223.4
	10-Nov-2015	7.21	6,827	18.52	1.91	174.5
	20-Aug-2015	6.90	6,824	21.36	NM	277.1

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
86/340-01	5-May-2022	7.17	3,065	19.7	2.31	139
	14-Feb-2022	7.55	3,157	18.8	2.37	142
	4-Nov-2021	7.24	3,214	19.1	2.55	264
	9-Aug-2021	7.70	3,112	21.9	2.31	170
	6-May-2021	7.21	3,065	21.9	2.29	155
	15-Feb-2021	7.19	2,982	17.4	2.31	95
	11-Nov-2020	7.13	2,958	19.3	2.38	217
	13-Aug-2020	7.60	2,955	21.6	1.95	166
	18-May-2020	7.46	2,987	21.4	2.27	265
	7-Feb-2020	7.75	2,732	18.6	7.27	42
	15-Nov-2019	6.87	2,788	18.9	1.54	318
	7-Aug-2019	7.41	3,016	20.7	NM	197
	16-May-2019	7.68	2,775	20.5	3.09	97
	25-Feb-2019	6.68	2,769	18.8	2.63	153
	16-Nov-2018	7.13	2,828	18.9	2.35	161
	14-Aug-2018	7.01	2,692	22.2	2.74	162
	21-May-2018	7.16	2,782	20.10	2.29	79
	12-Feb-2018	7.54	2,829	19.30	2.54	128
	9-Nov-2017	7.64	2,929	18.20	2.23	86
	11-Aug-2017	7.59	3,064	21.60	4.01	173
	18-May-2017	7.36	3,341	20.17	4.31	235.5
	16-Feb-2017	7.50	3,143	20.23	11.17	344.6
	10-Nov-2016	7.39	3,080	19.78	1.81	158.2
	22-Aug-2016	7.31	3,150	20.35	1.84	29.6
	19-May-2016	7.41	2,925	20.15	1.97	71.4
	15-Feb-2016	5.16	2,992	19.24	1.84	237.2
10-Nov-2015	7.55	2,951	17.52	1.74	153.4	
20-Aug-2015	7.29	2,970	20.60	NM	267.0	
<b>Organ Dairy (Formerly known as Del Norte Dairy and Daybreak Dairy)</b>						
126-04	5-May-2022	7.16	5,230	22.6	3.4	190
	24-Feb-2022	7.35	4,680	18.9	2.7	207
	9-Nov-2021	7.32	4,700	18.9	2.6	185
	11-Aug-2021	7.22	2,930	23.9	3.5	252
	4-May-2021	7.25	4,240	20.1	3.4	304
	9-Feb-2021	7.30	4,180	20.4	3.7	222
	10-Nov-2020	7.13	4,580	20.3	NM	NM
	12-Aug-2020	6.99	4,530	21.4	NM	NM
	13-May-2020	7.60	3,968	23.5	1.99	121
	10-Feb-2020	7.26	3,860	20.2	10.17	75
	12-Nov-2019	6.89	3,731	20.5	3.04	138
	5-Aug-2019	7.09	3,799	22.7	NM	195
	14-May-2019	6.84	3,648	21.8	1.39	144
	22-Feb-2019	7.19	3,631	21.6	1.79	154
	14-Nov-2018	6.80	3,841	20.6	2.61	136
	15-Aug-2018	7.44	3,602	22.1	2.35	78
	18-May-2018	6.91	3,685	21.10	2.88	68
	9-Feb-2018	7.56	3,808	21.60	3.11	136
	8-Nov-2017	7.29	3,959	21.30	3.54	214
	10-Aug-2017	7.20	3,730	24.20	5.93	179
	17-May-2017	7.08	3,613	21.33	3.82	147.9
	17-Feb-2017	7.18	3,864	20.85	4.48	203.1
	9-Nov-2016	7.46	3,697	21.17	5.25	60.9
	17-Aug-2016	7.42	3,893	24.18	5.51	25.0
	18-May-2016	7.04	3,371	21.24	3.27	76.2
	15-Feb-2016	5.37	3,470	21.39	3.54	201.4
9-Nov-2015	7.11	3,558	21.29	2.40	38.5	
17-Aug-2015	6.84	3,626	22.52	NM	277.8	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
126-05	5-May-2022	NM	NM	NM	NM	NM
	24-Feb-2022	7.60	5,020	17.6	3.4	130
	9-Nov-2021	7.65	4,990	21.3	3.0	220
	11-Aug-2021	NM	NM	NM	NM	NM
	4-May-2021	7.49	5,060	21.3	3.5	262
	9-Feb-2021	7.44	5,320	20.3	3.2	260
	10-Nov-2020	7.41	5,880	20.0	NM	NM
	12-Aug-2020	NM	NM	NM	NM	NM
	13-May-2020	7.67	5,430	23.7	2.19	99
	10-Feb-2020	7.40	5,362	20.3	4.99	83
	12-Nov-2019	6.84	5,678	19.2	2.88	119
	5-Aug-2019	7.12	5,341	23.2	NM	185
	14-May-2019	7.66	5,250	21.2	1.70	79
	22-Feb-2019	7.41	5,677	20.5	1.51	150
	14-Nov-2018	7.05	5,925	19.9	1.29	140
	15-Aug-2018	7.78	5,495	22.3	1.44	108
	18-May-2018	7.04	5,785	21.20	1.17	107
	9-Feb-2018	7.38	5,767	21.70	1.12	60.0
	8-Nov-2017	7.69	5,571	21.00	1.27	154.0
	10-Aug-2017	7.36	5,397	25.50	3.91	156.0
	17-May-2017	7.43	5,384	22.69	3.03	162.5
	17-Feb-2017	7.42	5,274	19.48	5.78	218.3
	9-Nov-2016	7.66	4,974	21.23	2.52	40.0
	17-Aug-2016	7.56	4,761	23.55	2.86	-78.3
	18-May-2016	7.23	4,409	20.60	3.35	73.7
	15-Feb-2016	6.41	4,654	21.64	4.57	165.0
9-Nov-2015	7.39	4,174	19.96	2.15	186.6	
17-Aug-2015	Insufficient Water-Parameters Not Collected					
126-07	5-May-2022	7.02	5,820	23.0	3.1	230
	24-Feb-2022	7.29	5,200	17.5	3.1	158
	9-Nov-2021	7.22	5,080	23.5	2.3	229
	11-Aug-2021	7.33	4,780	21.7	3.1	233
	4-May-2021	7.02	4,840	20.6	3.0	296
	9-Feb-2021	6.95	4,830	21.1	3.3	287
	10-Nov-2020	7.00	4,920	20.4	NM	NM
	12-Aug-2020	6.77	5,000	23.1	NM	NM
	13-May-2020	7.39	4,896	23.5	1.96	133
	7-Feb-2020	6.67	4,455	21.2	7.68	91
	12-Nov-2019	6.35	4,522	20.0	4.83	132
	5-Aug-2019	6.80	4,715	23.5	NM	205
	14-May-2019	7.16	4,588	22.8	1.28	86
	22-Feb-2019	7.00	4,271	21.1	1.54	161
	14-Nov-2018	6.66	4,422	21.0	2.24	140
	15-Aug-2018	7.01	4,333	21.2	1.94	136
	18-May-2018	7.68	4,250	21.90	2.19	121
	9-Feb-2018	6.80	4,114	22.50	2.37	177
	8-Nov-2017	6.78	4,094	21.70	2.21	194
	10-Aug-2017	6.93	4,018	24.40	3.92	173
	17-May-2017	6.85	3,862	22.43	2.35	167.8
	17-Feb-2017	6.96	3,918	22.40	1.49	157.1
	9-Nov-2016	7.23	3,603	21.93	3.89	57.7
	17-Aug-2016	7.03	3,798	23.70	2.42	41.1
	18-May-2016	6.71	3,439	22.08	1.75	94.3
	15-Feb-2016	4.87	3,440	21.28	1.41	208.1
9-Nov-2015	6.84	3,338	21.02	1.84	185.7	
17-Aug-2015	6.80	3,658	24.41	NM	234.8	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
126-09	5-May-2022	NM	NM	NM	NM	NM
	24-Feb-2022	7.76	1,618	15.6	6.2	189
	9-Nov-2021	NM	NM	NM	NM	NM
	11-Aug-2021	NM	NM	NM	NM	NM
	4-May-2021	NM	NM	NM	NM	NM
	9-Feb-2021	NM	NM	NM	NM	NM
	9-Sep-2020	NM	NM	NM	NM	NM
	10-Nov-2020	NM	NM	NM	NM	NM
	12-Aug-2020	NM	NM	NM	NM	NM
	14-May-2020	7.88	2,288	22.9	1.59	108
	7-Feb-2020	7.56	1,219	22.3	7.46	16
	12-Nov-2019	7.53	1,238	19.3	5.21	28
	5-Aug-2019	6.91	1,397	NM	NM	255
	14-May-2019	7.83	1,293	23.2	1.99	66
	22-Feb-2019	6.73	1,429	20.6	2.29	170
	14-Nov-2018	6.75	1,259	21.0	2.16	122
	15-Aug-2018	7.73	1,054	24.7	2.51	125
	18-May-2018	7.83	1,154	21.70	2.23	131
	9-Feb-2018	7.69	1,086	20.20	2.64	150
	8-Nov-2017	7.42	942.1	21.10	5.04	250
	10-Aug-2017	7.37	892.7	27.00	4.64	60
	17-May-2017	7.87	793	22.46	3.48	132.6
	20-Feb-2017	7.85	919	18.64	8.37	190.8
	9-Nov-2016	7.42	3,774	21.09	5.63	55.3
	17-Aug-2016	7.74	4,045	23.20	5.85	3.9
	18-May-2016	7.07	3,845	23.15	4.13	66.5
	15-Feb-2016	6.34	3,926	22.52	3.30	184.2
9-Nov-2015	6.79	3,888	22.27	4.75	193.2	
17-Aug-2015	Insufficient Water-Parameters Not Collected					
126-12	5-May-2022	7.33	3,620	21.7	1.6	185
	24-Feb-2022	7.61	3,380	17.0	3.0	208
	9-Nov-2021	7.66	3,210	20.0	1.9	208
	11-Aug-2021	7.33	3,340	20.9	1.6	223
	4-May-2021	7.46	3,320	20.6	2.2	243
	9-Feb-2021	7.40	3,220	20.5	1.8	205
	10-Nov-2020	7.29	3,590	18.9	NM	NM
	12-Aug-2020	7.19	3,570	23.1	NM	NM
	14-May-2020	7.66	3,400	20.7	1.89	90
	10-Feb-2020	7.46	3,070	19.5	4.80	20
	12-Nov-2019	6.76	3,181	18.5	1.14	106
	5-Aug-2019	7.10	3,415	21.7	NM	158
	14-May-2019	7.41	3,259	19.3	1.44	123
	22-Feb-2019	7.33	3,316	19.6	1.17	115
	14-Nov-2018	7.01	3,512	19.5	1.33	125
	15-Aug-2018	7.18	3,732	20.8	1.06	140
	7-Jun-2018	6.89	3,624	20.8	1.21	102
	9-Feb-2018	7.69	3,716	20.6	1.09	89
	8-Nov-2017	7.59	3,920	20.3	-88	-170
	10-Aug-2017	7.20	4,125	22.4	2.96	141
	17-May-2017	6.94	3,377	19.54	2.71	167.8
	20-Feb-2017	7.40	3,494	20.01	5.76	206.0
	9-Nov-2016	7.43	3,321	19.66	4.18	67.2
	17-Aug-2016	7.29	3,696	22.16	2.40	22.8
	18-May-2016	7.12	3,103	19.36	2.26	77.4
	15-Feb-2016	6.30	3,291	21.09	1.88	175.2
	9-Nov-2015	7.24	3,276	19.76	2.37	-145.5
17-Aug-2015	7.21	1,843	20.97	NM	-177.9	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
126-13	5-May-2022	7.13	5,570	21.9	1.9	171
	24-Feb-2022	7.36	5,020	18.7	2.6	214
	9-Nov-2021	7.42	4,830	20.4	2.1	123
	11-Aug-2021	7.32	4,750	22.0	2.3	47
	4-May-2021	7.32	4,910	20.1	3.5	127
	9-Feb-2021	7.28	4,990	18.9	2.4	148
	10-Nov-2020	7.21	4,970	19.6	NM	NM
	12-Aug-2020	6.98	5,180	23.1	NM	NM
	13-May-2020	7.47	5,320	23.2	1.33	56
	7-Feb-2020	7.21	5,039	20.6	9.59	103
	12-Nov-2019	6.61	5,106	20.1	4.62	37
	5-Aug-2019	6.79	5,480	22.8	NM	220
	14-May-2019	6.89	5,297	22.0	1.37	101
	22-Feb-2019	6.62	4,711	20.7	1.29	173
	14-Nov-2018	6.58	5,374	20.8	1.40	146
	15-Aug-2018	7.06	5,136	22.9	1.17	135
	18-May-2018	7.40	5,144	21.20	1.49	60
	9-Feb-2018	7.00	4,810	21.20	1.78	136
	8-Nov-2017	6.96	4,568	21.00	1.13	148
	10-Aug-2017	6.97	4,505	23.30	4.90	128
	17-May-2017	6.99	4,253	21.21	1.87	185.8
	17-Feb-2017	7.06	4,611	20.98	4.72	128.5
	9-Nov-2016	7.31	4,361	21.40	3.84	41.8
	17-Aug-2016	7.24	4,447	21.89	2.13	34.0
	18-May-2016	6.86	4,132	20.69	3.01	73.5
	15-Feb-2016	6.38	4,392	21.01	2.18	220.8
9-Nov-2015	6.96	4,208	21.49	4.32	114.8	
17-Aug-2015	6.81	4,521	22.40	NM	167.3	
<b>Mountain View Dairy</b>						
70-01	9-May-2022	7.29	4,923	22.9	2.81	147
	15-Feb-2022	7.41	4,550	21.4	2.46	117
	5-Nov-2021	7.61	4,817	23.3	2.91	87
	10-Aug-2021	7.78	4,480	23.0	2.92	74
	10-May-2021	7.34	4,639	22.6	1.33	141
	16-Feb-2021	7.40	4,570	19.3	2.00	99
	12-Nov-2020	7.39	4,401	21.4	2.63	59
	14-Aug-2020	7.57	5,021	26.3	1.38	143
	13-May-2020	7.39	4,522	24.6	2.03	96
	10-Feb-2020	7.26	4,429	21.4	1.06	69
	15-Nov-2019	6.75	4,766	22.0	2.62	136
	7-Aug-2019	7.01	5,108	22.7	NM	192
	16-May-2019	6.49	4,229	23.6	3.47	88
	26-Feb-2019	7.11	4,577	21.5	2.13	145
	15-Nov-2018	7.01	4,448	20.9	2.61	151
	15-Aug-2018	7.28	5,081	23.7	2.29	186
	21-May-2018	6.77	5,065	22.6	2.52	108
	13-Feb-2018	7.09	4,570	22.7	1.48	181
	9-Nov-2017	6.79	4,166	20.8	2.76	133
	14-Aug-2017	7.08	4,321	23.0	3.10	145
	19-May-2017	6.96	3,831	23.21	1.90	173.4
	20-Feb-2017	7.53	3,953	21.11	4.94	116.9
	22-Nov-2016	7.16	4,160	21.91	1.96	32.6
	19-Aug-2016	7.35	3,982	21.67	1.30	61.9
	24-May-2016	7.14	3,734	21.64	2.85	37.7
	16-Feb-2016	6.66	3,771	21.03	2.20	191.9
12-Nov-2015	7.15	3,774	20.91	1.70	171.1	
19-Aug-2015	7.08	3,830	22.50	NM	187.0	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)	
70-02	9-May-2022	7.51	4,738	23.4	2.01	102	
	15-Feb-2022	7.70	4,663	22.4	2.60	107	
	5-Nov-2021	7.72	4,637	23.0	2.53	146	
	10-Aug-2021	7.88	4,722	24.0	2.77	71	
	10-May-2021	7.64	4,743	23.0	2.66	117	
	16-Feb-2021	7.61	4,525	20.1	2.29	102	
	12-Nov-2020	7.43	4,518	22.6	2.88	94	
	14-Aug-2020	7.69	4,801	23.8	2.63	1.47	
	13-May-2020	7.60	4,813	24.1	1.70	86	
	10-Feb-2020	7.52	4,540	21.9	0.83	112	
	12-Nov-2019	7.16	4,522	21.1	1.33	157	
	6-Aug-2019	7.17	4,872	24.7	NM	212	
	16-May-2019	7.84	4,765	23.6	5.72	80	
	26-Feb-2019	7.29	4,665	22.2	1.86	147	
	14-Nov-2018	7.11	4,789	21.3	4.15	137	
	15-Aug-2018	7.53	4,744	24.4	3.84	175	
	21-May-2018	7.10	4,802	23.4	4.80	111	
	13-Feb-2018	7.54	4,790	22.3	1.92	150	
	9-Nov-2017	7.11	4,818	21.7	5.60	128	
	14-Aug-2017	7.77	4,890	25.3	3.23	149	
	19-May-2017	7.23	4,716	22.71	3.27	157.8	
	20-Feb-2017	7.81	4,939	22.23	5.27	201.6	
	22-Nov-2016	7.79	4,906	22.01	4.21	65.7	
	18-Aug-2016	Insufficient Water-Parameters Not Collected					
	23-May-2016	7.49	4,846	24.22	2.01	40.2	
	16-Feb-2016	6.90	4,816	22.31	2.57	192.5	
	12-Nov-2015	7.64	4,737	21.94	NM	174.1	
19-Aug-2015	7.43	4,816	25.90	NM	179.5		
70-04	9-May-2022	7.58	4,428	23.4	2.33	100	
	15-Feb-2022	7.83	4,460	22.2	2.66	83	
	5-Nov-2021	7.60	4,408	22.3	2.62	158	
	10-Aug-2021	7.54	4,402	23.2	2.38	54	
	10-May-2021	7.50	4,463	23.7	3.35	91	
	16-Feb-2021	7.66	4,326	20.9	2.40	97	
	12-Nov-2020	7.29	4,344	22.8	2.03	87	
	14-Aug-2020	7.24	4,391	27.6	2.05	144	
	13-May-2020	7.68	4,406	23.7	1.93	113	
	10-Feb-2020	7.25	4,400	22.3	1.19	97	
	12-Nov-2019	6.61	4,309	21.4	1.18	113	
	6-Aug-2019	6.74	4,564	23.7	NM	236	
	16-May-2019	6.27	4,521	22.9	3.84	97	
	26-Feb-2019	7.09	4,513	22.4	2.34	145	
	14-Nov-2018	6.75	4,532	21.8	2.58	133	
	15-Aug-2018	7.17	4,401	24.2	2.28	135	
	21-May-2018	7.38	4,612	23.0	2.11	95	
	13-Feb-2018	7.27	4,433	22.6	1.06	138	
	9-Nov-2017	6.68	4,292	21.9	2.47	129	
	14-Aug-2017	7.14	4,229	23.2	5.66	131	
	19-May-2017	6.97	4,077	22.33	3.11	197.8	
	20-Feb-2017	7.42	4,232	22.17	1.24	85.2	
	22-Nov-2016	7.20	4,028	20.35	3.28	87.0	
	18-Aug-2016	7.06	4,147	23.11	1.81	29.1	
	23-May-2016	6.99	3,916	22.93	1.77	66.5	
	16-Feb-2016	6.63	3,930	21.57	1.36	205.3	
	12-Nov-2015	7.08	3,939	21.76	1.17	195.5	
19-Aug-2015	7.01	4,047	22.49	NM	183.3		



**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
<b>Buena Vista Dairy I</b>						
86-01	Jan-2011	Not Sampled Since January 2011				
86-02	Jan-2011	Not Sampled Since January 2011				
<b>Bright Star Dairy</b>						
340-01	5-May-2022	7.40	4,496	22.0	2.84	157
	14-Feb-2022	7.52	4,411	21.8	2.34	92
	4-Nov-2021	7.30	4,389	21.5	2.64	180
	9-Aug-2021	7.57	4,447	24.7	2.95	83
	6-May-2021	7.43	4,433	23.0	2.93	199
	15-Feb-2021	7.49	4,283	19.6	2.83	50
	11-Nov-2020	7.22	4,254	22.0	2.81	161
	13-Aug-2020	7.59	4,420	23.7	1.93	164
	14-May-2020	7.49	4,430	22.9	2.91	118
	7-Feb-2020	7.45	4,201	21.2	10.22	64
	12-Nov-2019	6.86	4,254	20.7	1.27	142
	6-Aug-2019	7.02	4,458	23.5	NM	158
	14-May-2019	7.12	4,360	22.5	2.23	87
	25-Feb-2019	7.13	4,345	21.1	2.45	129
	15-Nov-2018	7.17	4,455	21.3	2.70	147
	14-Aug-2018	7.19	4,321	23.6	1.60	128
	21-May-2018	6.68	4,484	23.4	1.03	105
	12-Feb-2018	7.32	4,409	21.2	1.09	124
	8-Nov-2017	7.56	4,342	21.1	2.47	113
	11-Aug-2017	7.29	4,350	23.0	1.93	157.2
	18-May-2017	7.08	4,140	21.83	2.61	181.2
	16-Feb-2017	7.27	4,299	20.79	3.68	173.1
	10-Nov-2016	7.45	4,244	20.80	2.67	106.8
	23-Aug-2016	7.07	4,391	21.95	1.27	30.4
18-May-2016	7.09	4,122	22.25	1.76	61.3	
11-Feb-2016	7.36	4,093	21.35	3.07	207.3	
9-Nov-2015	7.25	4,052	21.27	1.34	115.1	
20-Aug-2015	7.26	3,382	22.21	NM	259.1	
340-02	5-May-2022	7.47	4,860	27.8	2.73	100
	14-Feb-2022	7.44	4,781	22.8	2.73	74
	4-Nov-2021	7.66	4,869	22.5	2.77	144
	9-Aug-2021	7.79	4,828	23.4	2.77	72
	6-May-2021	7.52	4,947	24.0	2.33	189
	15-Feb-2021	7.55	4,946	19.5	2.57	88
	11-Nov-2020	7.20	4,923	23.3	2.90	121
	14-Aug-2020	7.35	4,910	24.6	2.11	128
	14-May-2020	7.70	4,888	23.9	2.73	80
	7-Feb-2020	7.21	4,706	22.1	3.96	66
	12-Nov-2019	6.97	4,783	20.7	3.41	174
	6-Aug-2019	6.98	4,770	25.6	NM	189
	14-May-2019	7.37	4,700	24.5	1.59	66
	25-Feb-2019	7.08	4,714	22.1	1.20	124
	15-Nov-2018	6.93	4,863	21.9	1.41	161
	14-Aug-2018	7.22	4,827	24.4	2.94	131
	21-May-2018	6.86	4,883	23.1	3.01	121
	12-Feb-2018	7.34	4,899	22.2	3.90	123
	8-Nov-2017	6.19	5,022	22.4	3.80	36
	11-Aug-2017	7.75	4,950	26.6	5.91	189
	18-May-2017	7.28	4,948	23.0	2.97	187.6
	16-Feb-2017	7.35	5,096	21.65	8.01	200.5
	10-Nov-2016	7.55	4,904	20.96	7.16	113.8
	23-Aug-2016	Insufficient Water-Parameters Not Collected				
18-May-2016	Insufficient Water-Parameters Not Collected					
11-Feb-2016	7.30	4,890	22.59	5.44	217.5	
9-Nov-2015	7.10	4,755	22.34	4.09	148.9	
20-Aug-2015	Insufficient Water-Parameters Not Collected					

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
<b>Dominguez 2 (Former D&amp;J Dairy)</b>						
42-02*	11-May-2022	7.31	3,990	21.1	2.69	185
	16-Feb-2022	7.61	4,144	19.9	2.12	131
	9-Nov-2021	7.11	3,982	19.6	2.37	206
	11-Aug-2021	7.70	3,866	21.5	2.95	112
	11-May-2021	7.36	3,951	20.4	2.90	204
	18-Feb-2021	7.65	4,047	18.4	1.79	249
	16-Nov-2020	7.43	3,915	19.9	2.37	260
	18-Aug-2020	7.63	3,591	20.9	2.55	235
	22-May-2020	7.32	3,781	20.2	2.91	116
	11-Feb-2020	7.60	3,705	18.0	2.08	71
	22-Nov-2019	6.80	3,672	19.8	6.50	177
	16-Aug-2019	6.94	3,606	20.4	6.35	44
	29-May-2019	6.96	3,866	20.8	4.23	256
	6-Mar-2019	6.86	3,731	19.1	4.67	167
	4-Dec-2018	6.88	3,558	17.8	4.77	173
	22-Aug-2018	7.01	3,749	21.0	4.38	165
	29-May-2018	6.84	4,326	20.1	5.45	142
	21-Feb-2018	7.12	4,248	18.8	7.30	167
	1-Dec-2017	7.06	4,086	19.4	8.58	189
	22-Aug-2017	7.20	3,877	20.8	6.28	73
	2-Jun-2017	7.02	3,769	20.18	4.25	135.5
	6-Mar-2017	7.28	3,729	19.44	4.76	221.2
	28-Nov-2016	7.08	3,698	19.07	3.76	110.2
	31-Aug-2016	7.09	3,787	21.70	4.38	70.7
	1-Jun-2016	7.07	3,399	20.65	7.02	48.4
	23-Feb-2016	6.71	3,376	19.57	5.18	208.7
	1-Dec-2015	7.32	3,424	19.70	7.41	262.0
	26-Aug-2015	7.03	3,432	21.70	NM	238.8
42-03*	10-May-2022	7.28	5,123	25.9	2.46	178
	16-Feb-2022	7.20	5,009	24.1	1.99	186
	8-Nov-2021	7.20	5,108	26.1	2.90	234
	10-Aug-2021	7.63	5,103	26.9	2.78	64
	11-May-2021	7.22	5,103	26.0	2.96	142
	17-Feb-2021	7.73	4,953	23.7	2.93	131
	16-Nov-2020	7.19	5,048	25.5	2.04	152
	18-Aug-2020	7.37	5,263	26.0	2.83	197
	20-May-2020	7.22	5,220	26.0	2.08	152
	11-Feb-2020	7.75	5,015	22.9	1.58	99
	22-Nov-2019	6.38	5,054	24.6	2.75	88
	16-Aug-2019	6.83	5,376	27.0	2.36	72
	30-May-2019	6.53	5,218	24.9	5.28	208
	6-Mar-2019	7.22	4,511	24.9	5.54	151
	4-Dec-2018	6.90	5,211	23.3	5.39	180
	22-Aug-2018	7.01	5,352	27.1	5.81	88
	29-May-2018	6.64	5,528	25.7	6.21	120
	21-Feb-2018	7.12	5,486	22.6	6.37	147
	1-Dec-2017	7.11	5,502	24.6	7.28	147
	23-Aug-2017	7.14	5,500	26.0	4.27	127
	2-Jun-2017	7.01	5,809	25.36	5.21	118.7
	6-Mar-2017	7.25	5,975	24.20	3.73	202.6
	28-Nov-2016	6.59	5,902	24.49	7.23	116.1
	31-Aug-2016	6.98	5,556	26.70	6.74	55.4
	1-Jun-2016	6.92	5,322	24.17	4.78	65.8
	23-Feb-2016	6.73	5,403	22.87	4.17	204.4
	1-Dec-2015	7.21	4,736	20.46	5.68	149.8
	26-Aug-2015	6.97	5,861	25.81	NM	236.5

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
42-06*	10-May-2022	7.43	4,799	22.2	2.11	138
	17-Feb-2022	7.40	4,982	20.1	2.39	191
	8-Nov-2021	7.48	5,003	21.6	2.86	139
	11-Aug-2021	7.80	4,934	22.6	2.77	105
	11-May-2021	7.72	5,282	21.8	2.97	-41
	18-Feb-2021	7.85	5,265	21.0	2.49	118
	16-Nov-2020	7.77	4,600	21.5	2.85	246
	22-May-2020	7.40	4,422	21.6	2.90	103
	12-Feb-2020	7.87	4,036	20.1	2.13	104
	22-Nov-2019	7.18	3,830	20.2	5.70	112
	16-Aug-2019	7.31	4,144	21.4	3.45	45
	30-May-2019	7.17	3,631	21.3	4.11	206
	6-Mar-2019	7.32	4,071	21.4	4.30	146
	4-Dec-2018	7.11	4,010	19.3	4.50	182
	22-Aug-2018	7.04	4,029	21.5	4.11	189
	29-May-2018	7.14	4,490	21.0	3.76	132
	21-Feb-2018	7.66	4,349	20.1	4.28	160
	1-Dec-2017	7.31	4,034	21.1	7.12	152
	22-Aug-2017	7.70	4,448	22.1	5.06	74
	2-Jun-2017	7.11	3,441	21.47	123.4	94.8
	6-Mar-2017	7.71	3,171	21.41	5.29	208.9
	28-Nov-2016	7.12	2,947	20.63	8.32	200.7
	31-Aug-2016	7.42	2,932	22.70	6.96	33.5
	1-Jun-2016	7.41	2,996	21.17	6.10	44.5
	23-Feb-2016	7.52	3,092	18.97	2.45	95.4
	1-Dec-2015	7.68	3,042	18.65	6.21	188.1
26-Aug-2015	7.39	3,551	23.21	NM	232.7	
42-07*	10-Nov-2020	Plugged and Abandoned				
	19-Aug-2020	Dry				
	22-May-2020	Dry				
	11-Feb-2020	Dry				
	16-Aug-2019	Dry				
	16-Aug-2019	Dry				
	29-May-2019	Dry				
	6-Mar-2019	Dry				
	4-Dec-2018	Dry				
	22-Aug-2018	Dry				
	29-May-2018	Dry				
	21-Feb-2018	Dry				
	1-Dec-2017	Dry				
	22-Aug-2017	Dry				
	2-Jun-2017	Dry				
	6-Mar-2017	Dry				
28-Nov-2016	Dry					
31-Aug-2016	Dry					
1-Jun-2016	Dry					
23-Feb-2016	Dry					
1-Dec-2015	Dry					
26-Aug-2015	Dry					

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)	
42-08*	11-May-2022	7.31	2,823	21.3	2.00	181	
	17-Feb-2022	7.30	2,869	20.7	2.06	181	
	9-Nov-2021	7.25	3,141	23.9	2.23	208	
	11-Aug-2021	7.81	3,191	22.1	2.16	117	
	11-May-2021	7.75	3,077	21.6	1.68	238	
	18-Feb-2021	7.81	2,630	19.6	2.02	148	
	16-Nov-2020	7.65	2,775	21.9	2.55	282	
	18-Aug-2020	7.82	3,477	23.3	2.40	-225	
	22-May-2020	7.57	2,681	23.5	2.14	140	
	12-Feb-2020	8.03	2,586	16.3	4.93	79	
	22-Nov-2019	7.27	2,751	21.7	6.39	135	
	16-Aug-2019	7.39	2,675	21.2	2.11	39	
	29-May-2019	7.58	2,106	21.1	4.09	192	
	6-Mar-2019	7.54	1,944	20.5	3.81	147	
	4-Dec-2018	7.36	1,881	19.9	4.08	155	
	22-Aug-2018	7.65	2,490	21.5	3.94	198	
	29-May-2018	7.32	1,857	21.3	3.70	131	
	21-Feb-2018	7.90	1,962	20.3	3.91	150	
	1-Dec-2017	7.98	2,082	21.0	3.83	162	
	22-Aug-2017	7.61	2,410	21.6	3.91	89	
	2-Jun-2017	7.55	1,691	21.45	4.36	93.6	
	6-Mar-2017	7.85	1,626	20.48	2.72	195.1	
	28-Nov-2016	7.94	1,684	18.10	6.11	47.50	
	31-Aug-2016	Dry					
	1-Jun-2016	Dry					
	23-Feb-2016	Dry					
	1-Dec-2015	Dry					
26-Aug-2015	7.74	2,245	22.68	NM	206.6		
42-09*	10-Nov-2020	Plugged and Abandoned					
	1-Dec-2015	Destroyed					
	26-Aug-2015	7.12	4,773	24.28	NM	245.8	
42-10*	11-May-2022	7.43	2,607	27.8	1.91	148	
	17-Feb-2022	7.20	2,496	23.8	1.75	155	
	9-Nov-2021	7.19	2,508	27.7	1.85	149	
	12-Aug-2021	7.53	2,451	28.4	1.78	83	
	12-May-2021	7.52	2,446	26.9	1.79	164	
	17-Feb-2021	7.68	2,355	25.9	1.75	119	
	13-Nov-2020	7.44	2,324	27.4	1.73	217	
	19-Aug-2020	7.14	2,431	28.2	1.78	165	
	22-May-2020	7.50	2,455	28.2	1.75	156	
	12-Feb-2020	7.31	2,389	25.8	4.85	118	
	25-Nov-2019	6.66	2,433	26.9	6.21	199	
	19-Aug-2019	6.83	2,488	27.5	6.25	138	
	30-May-2019	6.71	2,390	27.1	4.64	131	
	6-Mar-2019	7.14	2,391	26.9	5.28	131	
	4-Dec-2018	6.82	2,304	22.9	5.63	190	
	22-Aug-2018	7.29	2,294	27.9	6.23	151	
	30-May-2018	6.65	2,308	27.0	7.30	157	
	19-Feb-2018	7.29	2,291	24.9	7.71	136	
	4-Dec-2017	7.52	2,250	24.7	7.84	171	
	23-Aug-2017	7.33	2,256	26.1	5.61	132	
	2-Jun-2017	7.18	2,381	27.3	5.36	119.4	
	6-Mar-2017	7.26	2,450	25.77	6.32	195.8	
	29-Nov-2016	6.96	2,473	24.61	11.24	113.6	
	1-Sep-2016	6.96	2,300	27.70	6.63	NM	
	1-Jun-2016	7.10	2,300	26.84	5.27	72.3	
	23-Feb-2016	7.38	2,072	18.76	3.27	201.8	
	1-Dec-2015	7.46	2,222	22.17	7.39	167.4	
25-Aug-2015	7.20	2,565	27.01	NM	220.5		

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
42-11*	11-May-2022	7.36	2,340	31.2	1.66	251
	17-Feb-2022	7.63	2,315	26.9	1.62	168
	9-Nov-2021	7.38	2,281	30.2	1.62	8
	12-Aug-2021	7.24	2,260	29.2	1.65	109
	12-May-2021	7.19	2,246	29.7	1.54	146
	17-Feb-2021	7.19	2,178	28.5	1.48	194
	13-Nov-2020	7.33	2,079	28.0	1.48	256
	19-Aug-2020	7.33	2,071	29.0	1.39	225
	22-May-2020	7.31	2,028	28.5	1.48	152
	12-Feb-2020	7.62	1,903	26.0	1.88	143
	25-Nov-2019	6.63	1,890	28.5	7.49	265
	19-Aug-2019	7.18	1,933	25.8	4.00	134
	30-May-2019	7.13	1,857	24.9	5.56	247
	6-Mar-2019	7.30	1,949	25.8	5.94	130
	4-Dec-2018	7.56	1,918	23.8	6.18	156
	22-Aug-2018	7.78	1,915	27.1	7.15	67
	30-May-2018	6.89	1,921	27.7	6.91	173
	19-Feb-2018	7.31	1,997	26.9	7.60	135
	4-Dec-2017	7.26	1,864	25.4	7.49	170
	23-Aug-2017	7.23	1,888	23.2	6.11	70
	2-Jun-2017	7.20	1,974	27.4	5.74	112.3
	3-Mar-2017	7.20	2,118	26.55	3.61	251.2
	29-Nov-2016	7.16	1,926	22.94	8.17	182.8
	1-Sep-2016	7.22	1,940	25.70	7.01	NM
	1-Jun-2016	7.29	1,868	24.19	6.63	46.6
	23-Feb-2016	7.37	1,732	17.26	6.38	182.1
1-Dec-2015	7.49	1,892	24.59	5.89	140.5	
25-Aug-2015	7.37	2,112	28.24	NM	172.7	
42-12*	11-May-2022	7.56	1,822	31.0	1.31	154
	17-Feb-2022	7.51	1,820	28.6	1.31	144
	9-Nov-2021	7.41	1,826	30.2	1.31	217
	12-Aug-2021	7.38	1,826	31.4	1.28	97
	12-May-2021	7.43	1,837	29.2	1.32	144
	17-Feb-2021	7.39	1,819	28.6	1.29	72
	13-Nov-2020	7.55	1,830	26.8	1.34	259
	19-Aug-2020	7.58	1,910	30.7	1.35	191
	22-May-2020	7.39	1,918	30.5	1.38	173
	12-Feb-2020	7.65	1,850	27.7	5.06	138
	25-Nov-2019	7.21	1,866	28.4	7.58	184
	19-Aug-2019	7.47	1,940	25.1	5.14	136
	30-May-2019	7.38	1,940	25.7	6.10	270
	6-Mar-2019	7.23	1,988	28.7	6.57	127
	4-Dec-2018	7.25	1,972	22.8	6.61	183
	22-Aug-2018	7.50	1,945	26.9	6.39	182
	30-May-2018	7.23	2,034	28.5	6.75	163
	19-Feb-2018	7.31	2,046	25.8	7.02	149
	4-Dec-2017	8.25	1,900	27.1	7.24	159
	23-Aug-2017	7.50	1,888	26.4	5.48	111
	2-Jun-2017	7.31	2,164	29.07	6.05	115.4
	6-Mar-2017	7.45	2,239	27.71	4.58	240.2
	29-Nov-2016	7.19	2,148	24.24	11.03	226.7
	1-Sep-2016	7.15	2,060	25.70	6.83	NM
	1-Jun-2016	7.24	2,039	27.54	5.66	78.6
	23-Feb-2016	7.13	1,980	23.55	7.13	212.0
1-Dec-2015	7.73	1,893	22.11	7.43	149.0	
25-Aug-2015	7.33	2,204	28.36	NM	201.8	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)	
42-13*	10-May-2022	7.22	5,340	27.0	2.78	150	
	16-Feb-2022	7.29	5,211	23.1	1.25	161	
	8-Nov-2021	7.41	5,080	23.1	2.35	232	
	11-Aug-2021	7.14	5,186	23.5	2.32	115	
	11-May-2021	7.51	5,254	23.0	2.11	125	
	17-Feb-2021	7.63	5,399	21.6	2.33	107	
	16-Nov-2020	7.38	5,398	22.9	1.44	89	
	18-Aug-2020	7.15	5,591	22.9	1.19	185	
	22-May-2020	7.61	5,551	21.8	1.88	193	
	11-Feb-2020	7.63	5,220	21.2	1.65	172	
	22-Nov-2019	6.47	5,257	22.4	3.59	224	
	16-Aug-2019	Dry/Water Level Below Pump					
	29-May-2019	Dry/Water Level Below Pump					
	6-Mar-2019	7.32	4,217	20.0	4.43	156	
	4-Dec-2018	Dry/Water Level Below Pump					
	22-Aug-2018	7.27	5,419	25.2	5.38	10.0	
	29-May-2018	7.12	5,395	22.2	5.29	151	
	21-Feb-2018	7.47	5,452	21.1	5.65	156	
	1-Dec-2017	7.14	5,320	21.1	2.65	176	
	23-Aug-2017	Pump Not Operational					
	2-Jun-2017	Pump Not Operational					
	6-Mar-2017	7.71	5,085	20.57	5.42	286.3	
	28-Nov-2016	7.11	4,947	19.98	NM	163.7	
	31-Aug-2016	Pump Not Operational					
	1-Jun-2016	Pump Not Operational					
	23-Feb-2016	Dry/Water Level Below Pump					
1-Dec-2015	Dry/Water Level Below Pump						
26-Aug-2015	7.09	5,190	25.31	NM	221.7		
<b>Dominguez Dairy</b>							
624-01	12-May-2022	7.41	4,117	21.2	1.35	217	
	18-Feb-2022	7.54	3,690	22.0	2.65	170	
	10-Nov-2021	7.71	3,540	22.2	2.60	153	
	13-Aug-2021	7.80	4,030	22.1	2.89	116	
	14-May-2021	7.58	3,184	22.0	2.39	161	
	18-Feb-2021	7.70	3,015	21.8	2.31	141	
	13-Nov-2020	7.19	3,126	20.6	2.39	212	
	17-Aug-2020	7.43	3,129	22.6	2.36	197	
	15-May-2020	7.03	3,468	22.2	NM	162	
	12-Feb-2020	7.35	3,009	19.3	2.20	101	
	15-Nov-2019	6.68	3,415	21.1	2.44	149	
	13-Aug-2019	7.00	3,849	22.1	2.84	83	
	20-May-2019	6.48	4,521	21.1	3.48	162	
	28-Feb-2019	7.09	4,459	20.7	2.40	167	
	20-Nov-2018	7.20	3,459	21.3	2.74	116	
	29-Aug-2018	6.96	4,521	21.4	1.60	191	
	22-May-2018	6.68	5,126	20.2	2.11	132	
	14-Feb-2018	7.15	4,830	20.8	4.37	161	
	14-Nov-2017	6.90	4,923	19.9	5.64	59	
	15-Aug-2017	7.13	5,031	22.4	5.61	162	
	23-May-2017	6.78	4,965	21.07	2.76	169	
	22-Feb-2017	7.11	4,816	21.23	6.17	224.3	
	14-Nov-2016	7.27	4,854	20.71	4.96	158.3	
	19-Aug-2016	7.15	4,500	20.81	4.57	34.7	
	19-May-2016	6.92	4,002	21.11	5.50	86.6	
	16-Feb-2016	6.64	3,664	21.47	5.88	184.6	
10-Nov-2015	7.20	4,741	20.20	3.83	181.7		
7-Aug-2015	6.96	4,585	21.49	2.59	3.8		

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
624-02	12-May-2022	7.40	5,113	20.3	2.40	202
	18-Feb-2022	7.48	4,811	19.5	2.73	162
	11-Nov-2021	7.76	3,640	20.3	2.69	168
	13-Aug-2021	7.77	3,655	21.2	2.63	116
	14-May-2021	7.90	3,605	20.9	2.74	199
	19-Feb-2021	7.50	3,668	19.5	2.82	130
	12-Nov-2020	7.67	3,335	21.8	2.76	129
	17-Aug-2020	7.45	3,620	22.3	2.09	155
	15-May-2020	7.37	3,500	20.9	2.08	161
	12-Feb-2020	7.36	3,206	19.8	3.12	126
	15-Nov-2019	6.52	3,629	20.0	1.70	134
	13-Aug-2019	6.81	4,463	20.6	1.33	118
	20-May-2019	6.35	4,262	20.2	4.11	153
	28-Feb-2019	6.90	4,017	19.8	2.58	172
	20-Nov-2018	7.04	4,619	19.3	2.66	131
	28-Aug-2018	6.99	4,248	21.8	1.34	178
	22-May-2018	6.76	4,955	20.0	1.67	105
	14-Feb-2018	7.06	4,335	20.8	2.31	149
	14-Nov-2017	6.74	4,248	19.9	2.80	102
	15-Aug-2017	7.08	4,563	20.4	2.95	138
	23-May-2017	6.61	4,368	20.39	2.41	149.1
	22-Feb-2017	7.03	4,238	19.96	4.31	223.1
	14-Nov-2016	7.28	4,135	20.04	1.86	89.4
	19-Aug-2016	7.15	3,695	19.11	1.37	32.5
	19-May-2016	6.81	4,410	19.92	2.07	73.1
	16-Feb-2016	6.34	3,845	20.28	1.52	189.2
10-Nov-2015	7.20	3,548	18.15	1.69	90.4	
7-Aug-2015	7.07	4,158	22.03	1.94	74.8	
624-04	28-Jan-2020	Plugged and Abandoned				
	15-Nov-2019	Dry				
	13-Aug-2019	Dry				
	20-May-2019	Dry				
	28-Feb-2019	Dry				
	20-Nov-2018	Dry				
	29-Aug-2018	Dry				
	22-May-2018	Dry				
	14-Feb-2018	Dry				
	14-Nov-2017	Dry				
	15-Aug-2017	Dry				
	23-May-2017	Dry				
	22-Feb-2017	Dry				
	14-Nov-2016	Dry				
	19-Aug-2016	Dry				
	19-May-2016	Dry				
16-Feb-2016	Dry					
10-Nov-2015	Dry					
7-Aug-2015	Dry					

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
624-05	28-Jan-2020	Plugged and Abandoned				
	15-Nov-2019	6.85	2,962	21.2	3.12	137
	13-Aug-2019	7.45	3,044	24.4	2.96	97
	16-May-2019	7.66	2,901	21.5	3.07	83
	28-Feb-2019	7.80	2,931	18.5	3.45	158
	20-Nov-2018	Dry				
	29-Aug-2018	Dry				
	22-May-2018	Dry				
	14-Feb-2018	Dry				
	14-Nov-2017	Dry				
	15-Aug-2017	Dry				
	23-May-2017	Dry				
	22-Feb-2017	Dry				
	14-Nov-2016	Dry				
	19-Aug-2016	Dry				
	19-May-2016	Dry				
	16-Feb-2016	Dry				
	10-Nov-2015	Dry				
	7-Aug-2015	Dry				
	624-06	28-Jan-2020	Plugged and Abandoned			
15-Nov-2019		Dry				
13-Aug-2019		Dry				
20-May-2019		Dry				
28-Feb-2019		Dry				
20-Nov-2018		Dry				
29-Aug-2018		Dry				
22-May-2018		Dry				
14-Feb-2018		Dry				
14-Nov-2017		Dry				
15-Aug-2017		Dry				
23-May-2017		Dry				
22-Feb-2017		Dry				
14-Nov-2016		Dry				
19-Aug-2016		Dry				
19-May-2016		Dry				
16-Feb-2016		Dry				
10-Nov-2015		Dry				
7-Aug-2015		Dry				
624-07		28-Jan-2020	Plugged and Abandoned			
	15-Nov-2019	Dry				
	13-Aug-2019	Dry				
	20-May-2019	Dry				
	28-Feb-2019	Dry				
	20-Nov-2018	Dry				
	29-Aug-2018	Dry				
	22-May-2018	Dry				
	14-Feb-2018	Dry				
	14-Nov-2017	Dry				
	15-Aug-2017	Insufficient Water-Parameters Not Collected				
	23-May-2017	Insufficient Water-Parameters Not Collected				
	22-Feb-2017	Insufficient Water-Parameters Not Collected				
	14-Nov-2016	Insufficient Water-Parameters Not Collected				
	19-Aug-2016	Insufficient Water-Parameters Not Collected				
	19-May-2016	Insufficient Water-Parameters Not Collected				
	16-Feb-2016	Dry				
	10-Nov-2015	Insufficient Water-Parameters Not Collected				
	7-Aug-2015	Insufficient Water-Parameters Not Collected				



**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
624-08	28-Jan-2020	Plugged and Abandoned				
	15-Nov-2019	Dry				
	13-Aug-2019	Dry				
	16-May-2019	Dry				
	28-Feb-2019	Dry				
	20-Nov-2018	Dry				
	29-Aug-2018	Dry				
	22-May-2018	Dry				
	14-Feb-2018	Dry				
	14-Nov-2017	Dry				
	15-Aug-2017	Dry				
	23-May-2017	Dry				
	22-Feb-2017	Dry				
	14-Nov-2016	Dry				
	19-Aug-2016	Dry				
	19-May-2016	Dry				
	16-Feb-2016	Dry				
	10-Nov-2015	Dry				
	7-Aug-2015	Dry				
624-09	13-May-2022	7.25	2,744	20.5	2.22	197
	18-Feb-2022	7.79	2,804	19.9	2.16	116
	10-Nov-2021	7.18	3,050	20.1	2.44	253
	12-Aug-2021	7.75	3,110	22.9	2.27	115
	12-May-2021	7.67	3,562	20.8	2.89	138
	19-Feb-2021	7.82	4,212	20.1	2.54	128
	13-Nov-2020	7.41	2,315	21.2	1.66	169
	17-Aug-2020	7.66	2,935	23.9	2.15	155
	14-May-2020	7.63	2,829	21.9	2.91	103
	13-Feb-2020	7.70	3,180	19.3	2.93	183
624-10	12-May-2022	7.69	3,577	19.6	2.70	152
	18-Feb-2022	7.61	3,296	19.7	2.51	142
	10-Nov-2021	7.62	3,398	18.9	2.56	197
	12-Aug-2021	7.83	3,111	21.3	2.14	106
	12-May-2021	7.47	3,300	19.9	2.44	162
	19-Feb-2021	7.64	4,022	18.9	2.92	128
	13-Nov-2020	7.20	3,573	19.5	2.56	179
	17-Aug-2020	7.64	3,500	23.5	2.40	138
	14-May-2020	7.89	3,883	21.3	2.85	93
	13-Feb-2020	8.03	3,913	18.4	2.66	102
624-11	12-May-2022	7.19	5,246	21.1	1.74	193
	18-Feb-2022	7.18	5,195	20.6	1.54	202
	11-Nov-2021	7.66	5,245	21.3	2.10	238
	13-Aug-2021	7.73	5,233	22.3	1.79	87
	14-May-2021	7.42	5,386	22.3	2.31	203
	19-Feb-2021	7.27	5,296	19.7	2.50	200
	12-Nov-2020	7.52	5,160	21.5	1.94	119
	17-Aug-2020	7.72	5,404	22.9	2.21	205
	15-May-2020	7.59	5,467	22.2	2.12	195
	13-Feb-2020	7.49	4,506	20.3	1.69	102

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
<b>Gonzalez Dairy</b>						
177-01	13-Feb-2020	7.43	6,345	19.5	1.81	121
	19-Nov-2019	6.68	6,420	19.7	1.25	140
	7-Aug-2019	7.00	6,771	20.4	NM	212
	20-May-2019	6.38	6,638	19.1	2.36	154
	27-Feb-2019	7.09	6,752	19.7	2.52	154
	15-Nov-2018	7.02	6,711	20.9	2.29	168
	21-Aug-2018	7.28	6,633	21.7	2.11	158
	22-May-2018	6.83	6,675	19.4	1.87	124
	14-Feb-2018	7.33	6,700	20.7	2.19	146
	10-Nov-2017	6.88	6,663	21.1	1.23	108
	14-Aug-2017	7.21	6,694	21.3	4.55	91
	22-May-2017	6.73	5,875	19.44	1.96	180.2
	22-Feb-2017	7.26	6,219	20.08	3.20	127.7
	10-Nov-2016	7.40	6,333	20.48	1.88	137.7
	23-Aug-2016	7.08	6,380	20.41	0.91	34.7
	20-May-2016	7.15	5,537	19.13	2.48	69.6
	11-Feb-2016	7.33	5,715	19.50	2.90	264.0
11-Nov-2015	7.32	5,790	20.81	1.56	188.9	
21-Aug-2015	7.05	6,118	20.90	NM	242.7	
177-02	13-Feb-2020	7.87	3,271	19.7	2.20	100
	19-Nov-2019	7.05	3,204	19.8	0.79	104
	7-Aug-2019	7.55	2,142	20.7	NM	212
	20-May-2019	6.90	2,317	18.3	1.89	103
	27-Feb-2019	7.63	2,151	19.6	2.22	125
	15-Nov-2018	7.22	2,221	21.2	1.93	144
	21-Aug-2018	7.56	2,966	22.6	2.29	150
	22-May-2018	7.29	2,271	21.8	2.66	115
	14-Feb-2018	7.58	2,460	20.6	3.14	146
	10-Nov-2017	7.49	2,502	21.6	5.05	80
	14-Aug-2017	7.34	4,958	22.3	5.82	135
	22-May-2017	6.94	4,402	19.77	3.23	153.1
	22-Feb-2017	7.35	4,425	20.32	6.18	220.9
	10-Nov-2016	7.50	4,378	21.41	2.38	122.6
	23-Aug-2016	7.16	4,406	21.91	3.99	33.8
	20-May-2016	7.21	3,605	19.22	6.30	86.5
	11-Feb-2016	7.40	4,032	19.78	5.57	227.6
11-Nov-2015	7.36	3,964	21.15	3.82	109.3	
21-Aug-2015	7.11	4,229	21.80	NM	254.6	
177-03A	13-Feb-2020	7.34	3,645	21.7	2.45	109
	19-Nov-2019	6.40	3,577	21.7	0.76	178
	13-Aug-2019	7.00	4,324	22.3	1.80	192
	20-May-2019	6.45	3,895	21.6	1.45	114
	27-Feb-2019	6.86	3,989	21.9	2.13	153
	20-Nov-2018	6.91	4,114	22.5	2.75	130
	21-Aug-2018	7.60	2,728	26.0	1.64	186
	22-May-2018	6.66	3,879	23.6	1.74	105
	15-Feb-2018	7.17	2,854	23.5	1.91	148
	10-Nov-2017	7.07	2,853	21.3	3.35	91
	15-Aug-2017	7.32	3,534	22.7	4.16	106
	22-May-2017	6.86	3,511	21.94	2.90	151.3
	23-Feb-2017	7.27	3,927	21.19	5.41	172.5
	11-Nov-2016	7.39	3,899	21.50	4.63	125.1
	24-Aug-2016	6.95	5,686	21.47	1.31	26.0
	20-May-2016	7.21	3,127	21.65	3.55	74.0
	11-Feb-2016	7.14	6,048	21.69	3.47	277.7
11-Nov-2015	7.27	3,964	20.69	1.89	218.1	
21-Aug-2015	7.08	3,100	22.50	NM	227.6	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
177-04	13-Feb-2020	7.62	4,610	21.3	1.52	122
	19-Nov-2019	6.74	4,632	21.4	2.86	180
	13-Aug-2019	7.01	4,987	22.0	1.50	159
	20-May-2019	6.61	4,952	21.6	4.11	232
	27-Feb-2019	6.98	5,164	22.2	2.61	154
	20-Nov-2018	6.99	5,291	19.9	2.09	130
	21-Aug-2018	7.58	5,135	23.8	1.88	166
	22-May-2018	7.01	5,439	23.0	1.48	127
	15-Feb-2018	7.35	5,528	21.3	1.65	150
	10-Nov-2017	7.10	5,622	21.2	2.19	69
	16-Aug-2017	7.11	5,919	21.6	4.68	162
	22-May-2017	6.69	5,762	21.69	2.82	162.5
	23-Feb-2017	7.24	5,668	20.82	2.29	183.4
	10-Nov-2016	7.40	6,333	20.48	1.88	137.7
	24-Aug-2016	7.02	6,238	21.68	1.02	31.1
	23-May-2016	7.21	5,536	21.48	4.08	62.3
	11-Feb-2016	7.13	6,020	21.01	3.80	210.9
	11-Nov-2015	7.39	5,889	26.93	1.61	227.1
21-Aug-2015	6.96	6,091	21.70	NM	226.8	
177-05	13-Feb-2020	7.35	5,688	20.9	1.73	131
	19-Nov-2019	6.71	5,904	22.2	6.32	246
	13-Aug-2019	7.01	6,519	22.3	1.12	67
	20-May-2019	6.76	6,249	22.0	4.25	247
	27-Feb-2019	7.07	6,088	21.6	2.09	164
	20-Nov-2018	6.96	6,217	21.4	2.50	133
	21-Aug-2018	7.51	6,361	24.2	2.17	157
	22-May-2018	7.01	6,496	22.0	1.88	116
	15-Feb-2018	7.23	6,687	21.5	3.17	139
	10-Nov-2017	6.89	6,601	21.5	3.01	110
	15-Aug-2017	7.12	6,859	21.9	5.42	143
	22-May-2017	6.70	6,302	21.06	2.27	161.5
	23-Feb-2017	7.44	5,640	21.14	4.19	208.8
	11-Nov-2016	7.24	5,833	21.20	3.99	109.0
	24-Aug-2016	7.02	5,759	20.89	2.90	35.1
	20-May-2016	7.09	5,411	20.88	3.46	98.7
	11-Feb-2016	7.27	4,910	20.54	3.48	202.9
	11-Nov-2015	7.45	5,241	18.92	3.84	151.4
21-Aug-2015	7.17	5,662	21.50	NM	219.1	
177-06	13-Feb-2020	Dry				
	19-Nov-2019	Dry				
	13-Aug-2019	Dry				
	20-May-2019	Dry				
	27-Feb-2019	Dry				
	20-Nov-2018	Dry				
	21-Aug-2018	Dry				
	22-May-2018	Dry				
	15-Feb-2018	Dry				
	10-Nov-2017	Dry				
	14-Aug-2017	Dry				
	22-May-2017	Dry				
	23-Feb-2017	Dry				
	11-Nov-2016	Dry				
	24-Aug-2016	Dry				
	23-May-2016	Dry				
	11-Feb-2016	Dry				
	11-Nov-2015	Dry				
21-Aug-2015	Dry					

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
177-07R	13-Feb-2020	7.58	4,327	21.0	1.22	107
	19-Nov-2019	6.73	4,360	21.4	1.47	193
	7-Aug-2019	7.11	4,709	22.8	NM	234
	20-May-2019	6.66	4,663	22.0	3.19	314
	27-Feb-2019	7.24	4,760	21.6	1.66	150
	20-Nov-2018	7.03	4,938	20.5	1.86	128
	21-Aug-2018	7.39	5,116	23.2	1.34	152
	22-May-2018	6.64	5,311	21.7	1.54	125
	14-Feb-2018	7.19	5,452	22.3	1.86	153
	10-Nov-2017	6.87	5,582	21.6	2.94	125
	14-Aug-2017	7.33	5,720	22.5	4.20	180
	22-May-2017	6.95	5,436	21.25	3.76	153.4
	23-Feb-2017	7.59	5,310	20.16	5.08	209.2
	11-Nov-2016	7.58	5,319	20.93	6.56	157.2
	23-Aug-2016	7.24	5,416	21.69	2.41	33.9
	23-May-2016	7.21	5,036	21.90	2.41	62.8
	11-Feb-2016	7.34	5,032	20.87	3.30	236.8
	11-Nov-2015	7.32	5,017	20.61	3.47	201.4
21-Aug-2015	7.07	5,710	23.11	NM	250.2	
<b>CENTRAL AREA</b>						
<b>Buena Vista Dairy II</b>						
74-01	13-May-2022	7.43	4,548	22.7	2.80	156
	22-Feb-2022	7.60	4,515	23.5	2.84	132
	12-Nov-2021	7.20	4,776	22.4	2.04	62
	19-Aug-2021	7.39	5,141	26.2	2.38	103
	17-May-2021	7.29	5,475	23.1	2.90	-181
	22-Feb-2021	7.52	6,000	22.1	2.69	-214
	17-Nov-2020	7.29	9,629	22.3	1.15	98
	21-Aug-2020	7.28	4,543	23.2	1.43	206
	18-May-2020	7.34	5,599	23.8	2.35	114
	14-Feb-2020	7.85	5,729	19.8	2.13	127
	19-Nov-2019	6.71	6,110	22.9	5.08	192
	14-Aug-2019	7.34	4,632	22.4	1.10	171
	21-May-2019	6.60	4,802	22.0	2.08	304
	28-Feb-2019	7.36	4,943	22.2	1.34	162
	16-Nov-2018	7.15	6,129	21.4	1.11	172
	29-Aug-2018	7.21	5,860	22.3	1.49	197
	23-May-2018	6.97	4,912	22.9	1.66	138
	19-Feb-2018	7.59	5,408	21.4	2.10	154
	14-Nov-2017	7.05	5,148	21.9	2.31	135
	16-Aug-2017	7.46	5,622	22.6	2.91	182
	26-May-2017	6.76	4,253	21.77	2.40	144.9
	24-Feb-2017	7.46	4,517	20.58	1.94	187.8
	14-Nov-2016	7.48	5,369	21.87	1.43	141.5
	24-Aug-2016	7.22	5,633	21.78	1.92	30.9
	25-May-2016	7.20	4,355	21.89	2.02	106.5
	18-Feb-2016	7.28	4,147	21.21	1.64	365.1
12-Nov-2015	7.26	3,836	20.15	1.06	210.6	
24-Aug-2015	7.37	4,959	22.17	NM	243.2	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
74-02	13-May-2022	7.38	3,766	21.5	2.92	132
	22-Feb-2022	7.22	3,814	20.1	2.95	125
	11-Nov-2021	7.56	3,871	22.1	2.95	-116
	19-Aug-2021	7.68	4,036	24.4	2.08	-16
	14-May-2021	7.33	5,162	23.0	2.70	148
	22-Feb-2021	7.22	8,153	20.7	2.18	-253
	17-Nov-2020	7.20	1,364	22.8	0.96	175
	21-Aug-2020	7.48	3,876	23.2	2.09	255
	15-May-2020	7.43	3,795	24.0	NM	137
	14-Feb-2020	7.43	3,780	20.0	3.14	126
	19-Nov-2019	6.82	4,182	22.5	8.73	223
	14-Aug-2019	7.10	3,666	22.2	1.36	271
	21-May-2019	6.90	3,723	20.2	2.19	313
	28-Feb-2019	7.36	3,730	20.9	1.81	158
	15-Nov-2018	7.19	3,611	22.5	2.13	167
	23-Aug-2018	7.80	3,478	22.9	1.98	118
	23-May-2018	6.97	3,709	21.2	3.17	129
	15-Feb-2018	7.66	3,569	20.6	3.62	136
	14-Nov-2017	6.97	3,517	22.4	2.27	132
	15-Aug-2017	7.32	3,427	22.3	5.21	122
	25-May-2017	6.85	3,630	21.72	3.06	133.3
	24-Feb-2017	7.43	3,688	20.88	6.47	216.4
	14-Nov-2016	7.54	3,788	22.07	3.76	92.6
	24-Aug-2016	7.10	3,884	21.90	1.83	30.9
	25-May-2016	7.20	3,408	20.47	2.39	92.2
	18-Feb-2016	7.60	3,995	21.01	3.82	398.5
11-Nov-2015	7.32	3,315	21.76	0.90	194.9	
24-Aug-2015	7.22	3,377	21.48	NM	252.2	
74-03	13-May-2022	7.33	2,064	21.2	1.53	196
	22-Feb-2022	7.20	2,187	21.3	1.59	174
	11-Nov-2021	7.84	2,271	23.0	1.69	109
	13-Aug-2021	7.70	2,265	23.9	1.67	97
	14-May-2021	7.80	2,299	22.4	1.77	81
	22-Feb-2021	7.90	2,323	21.3	1.76	149
	19-Aug-2020	7.72	2,451	26.4	1.77	91
	15-May-2020	7.51	2,429	23.9	1.77	139
	14-Feb-2020	7.71	2,221	19.3	3.89	138
	19-Nov-2019	7.02	2,260	23.5	10.10	232
	14-Aug-2019	7.45	2,331	22.4	1.18	192
	21-May-2019	7.08	2,335	20.4	2.50	288
	28-Feb-2019	7.54	2,309	21.4	2.31	148
	15-Nov-2018	7.40	2,636	23.2	2.66	150
	23-Aug-2018	7.35	2,883	23.4	3.11	129
	23-May-2018	7.61	3,186	21.4	3.84	136
	15-Feb-2018	7.61	3,316	20.9	4.13	141
	14-Nov-2017	7.48	3,464	23.5	3.76	139
	15-Aug-2017	7.54	3,447	23.5	3.91	148
	25-May-2017	6.84	3,826	21.27	1.92	142.5
	24-Feb-2017	7.59	3,770	20.67	4.64	134.8
	14-Nov-2016	7.60	3,886	23.01	2.64	96.4
	24-Aug-2016	7.19	4,189	22.91	1.02	27.2
	25-May-2016	7.21	3,828	20.39	3.47	100.9
	18-Feb-2016	7.38	4,067	20.10	2.79	597.0
	12-Nov-2015	7.36	4,868	20.28	1.11	233.4
24-Aug-2015	7.24	5,541	22.39	NM	263.7	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
74-04	16-May-2022	7.18	3,433	21.9	2.29	221
	23-Feb-2022	7.28	3,637	20.4	2.88	186
	12-Nov-2021	7.68	3,587	22.9	2.77	109
	19-Aug-2021	7.42	4,083	23.3	2.36	99
	17-May-2021	7.82	3,530	23.2	2.68	-175
	22-Feb-2021	7.84	3,387	21.8	2.66	-16
	17-Nov-2020	7.33	4,207	23.2	2.36	8
	21-Aug-2020	7.48	3,513	23.1	2.61	160
	18-May-2020	7.32	3,202	23.3	2.32	96
	14-Feb-2020	7.46	3,235	21.6	2.12	118
	20-Nov-2019	6.84	3,375	21.2	6.28	207
	14-Aug-2019	7.01	3,600	22.8	1.30	163
	21-May-2019	6.61	2,882	21.3	2.30	276
	1-Mar-2019	6.84	3,426	20.7	1.51	166
	16-Nov-2018	7.02	3,437	21.8	1.55	146
	31-Aug-2018	7.11	3,329	22.5	1.83	265
	23-May-2018	6.84	3,068	22.8	2.27	125
	19-Feb-2018	7.53	3,139	20.4	2.05	129
	14-Nov-2017	7.37	3,128	22.1	3.54	142
	16-Aug-2017	7.32	3,229	23.5	4.24	130
	26-May-2017	6.96	2,980	22.2	2.76	144.7
	24-Feb-2017	7.46	2,973	19.48	2.60	224.5
	15-Nov-2016	7.62	3,099	21.20	3.28	85.0
	24-Aug-2016	6.82	3,243	21.16	2.50	103.4
	25-May-2016	7.09	3,131	22.67	2.22	114.3
	18-Feb-2016	7.35	2,978	21.11	2.85	328.1
12-Nov-2015	7.32	2,868	17.58	3.06	197.2	
24-Aug-2015	7.41	3,134	22.42	NM	182.8	
74-05	16-May-2022	7.58	3,491	23.9	2.64	249
	23-Feb-2022	7.66	3,458	22.4	2.62	164
	15-Nov-2021	7.20	3,464	23.1	2.64	185
	31-Aug-2021	7.65	3,522	25.3	2.61	161
	17-May-2021	7.79	3,582	24.6	2.68	18
	23-Feb-2021	7.83	3,496	22.6	2.66	-4
	17-Nov-2020	7.65	4,343	22.5	2.78	-25
	21-Aug-2020	7.70	3,493	22.9	2.57	135
	18-May-2020	7.33	3,440	23.1	2.54	188
	14-Feb-2020	7.20	3,231	21.5	4.91	81
	20-Nov-2019	6.80	3,216	21.4	6.01	67
	13-Aug-2019	7.03	3,353	22.7	0.71	-16
	21-May-2019	6.46	3,256	21.2	2.24	272
	1-Mar-2019	6.97	3,331	21.5	1.79	154
	16-Nov-2018	7.06	3,373	22.0	2.28	144
	29-Aug-2018	6.96	3,353	22.8	2.91	184
	23-May-2018	6.83	3,380	22.2	2.54	129
	19-Feb-2018	7.25	3,337	21.3	1.46	137
	14-Nov-2017	7.09	3,151	21.9	0.94	111
	16-Aug-2017	7.34	3,211	22.6	3.36	146
	26-May-2017	7.02	3,214	22.09	3.70	154.2
	24-Feb-2017	7.39	3,122	19.58	3.26	155.2
	15-Nov-2016	7.30	3,141	21.77	1.07	97.4
	25-Aug-2016	6.82	3,197	21.52	1.76	48.2
	25-May-2016	7.12	2,946	22.09	2.01	97.3
	18-Feb-2016	7.18	2,933	20.38	2.33	302.7
12-Nov-2015	7.20	2,923	20.12	1.23	214.2	
24-Aug-2015	7.11	3,179	24.11	NM	240.7	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)	
<b>River Valley Dairy</b>							
167-01A	15-Nov-2017	7.71	2,966	20.20	2.16	48.0	
	16-Aug-2017	7.47	3,611	20.70	4.62	195.0	
	23-May-2017	6.80	3,601	19.30	1.84	111.9	
	27-Feb-2017	7.37	3,610	19.07	5.06	154.2	
	15-Nov-2016	7.89	3,725	20.38	2.78	85.7	
	30-Aug-2016	7.35	3,621	20.60	2.61	59.1	
	24-May-2016	7.36	3,576	18.60	3.24	43.4	
	17-Feb-2016	6.92	3,973	18.55	1.96	79.6	
	16-Nov-2015	7.34	4,001	19.50	1.41	221.2	
	24-Aug-2015	7.47	4,361	27.51	NM	77.5	
167-02	15-Nov-2017	7.20	3,960	20.30	3.40	79.0	
	16-Aug-2017	7.11	3,807	20.50	3.96	191.0	
	23-May-2017	6.76	3,244	20.77	2.10	135.8	
	27-Feb-2017	7.15	3,244	19.39	7.10	219.2	
	15-Nov-2016	7.59	2,934	20.29	3.92	99.6	
	30-Aug-2016	7.39	2,497	21.40	2.71	72.2	
	24-May-2016	7.17	2,452	20.20	4.11	56.6	
	17-Feb-2016	6.92	2,312	20.00	6.49	155.5	
	16-Nov-2015	Dry					
	24-Aug-2015	Insufficient Water-Parameters Not Collected					
167-03	15-Nov-2017	7.34	2,960	21.80	1.90	81.0	
	17-Aug-2017	7.33	2,947	22.50	3.31	155.0	
	25-May-2017	6.96	2,851	22.55	2.56	172.5	
	27-Feb-2017	7.26	2,839	21.87	3.18	218.6	
	15-Nov-2016	7.77	2,911	22.56	1.07	-108.6	
	31-Aug-2016	7.44	2,964	23.20	1.96	36.7	
	25-May-2016	7.06	2,836	21.69	2.41	117.5	
	17-Feb-2016	6.93	2,803	21.72	2.94	196.6	
	16-Nov-2015	7.34	2,998	21.43	1.46	246.1	
	25-Aug-2015	7.29	3,054	21.90	NM	198.2	
167-04	15-Nov-2017	7.52	5,469	21.30	2.64	42.0	
	17-Aug-2017	7.53	5,446	21.50	6.11	52.0	
	25-May-2017	7.05	5,234	21.16	2.13	180.0	
	27-Feb-2017	7.42	5,216	20.62	3.46	203.8	
	15-Nov-2016	7.72	5,388	20.93	3.48	83.8	
	30-Aug-2016	7.31	5,342	21.80	4.21	34.1	
	24-May-2016	7.43	5,088	21.54	1.76	39.8	
	17-Feb-2016	6.74	4,856	20.05	3.37	209.0	
	16-Nov-2015	7.50	4,234	20.07	NM	223.0	
	25-Aug-2015	7.35	4,944	21.43	NM	171.1	
167-05	15-Nov-2017	7.00	4,945	20.80	2.45	163.0	
	17-Aug-2017	7.21	4,818	20.20	4.84	198.0	
	25-May-2017	6.47	4,277	19.64	2.47	148.5	
	28-Feb-2017	7.29	4,459	19.03	1.78	216.8	
	16-Nov-2016	7.65	4,456	19.72	3.17	67.8	
	30-Aug-2016	7.17	4,229	21.50	2.19	70.9	
	26-May-2016	7.27	3,995	18.67	3.11	57.4	
	17-Feb-2016	6.80	4,183	20.42	2.16	147.7	
	13-Nov-2015	7.25	4,146	19.81	1.11	142.6	
	25-Aug-2015	7.20	4,308	20.69	NM	223.5	
167-06	15-Nov-2017	7.31	3,611	21.80	2.76	160	
	17-Aug-2017	7.25	3,591	22.00	4.88	18.0	
	25-May-2017	6.91	3,600	22.49	2.12	136.6	
	27-Feb-2017	7.16	3,590	21.93	2.51	188.3	
	15-Nov-2016	7.68	3,588	21.80	1.86	76.7	
	30-Aug-2016	7.17	3,557	22.70	2.76	57.3	
	24-May-2016	7.22	3,450	21.69	2.71	35.7	
	17-Feb-2016	6.45	3,497	21.21	2.01	276.0	
	13-Nov-2015	7.26	3,612	20.60	1.02	171.1	
	24-Aug-2015	7.13	3,782	22.71	NM	252.5	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
167-07	15-Nov-2017	8.02	1,733	20.40	1.86	62.0
	17-Aug-2017	7.62	1,866	20.10	5.34	46.0
	23-May-2017	7.98	1,685	19.46	2.40	138.3
	27-Feb-2017	7.68	1,460	19.29	1.59	197.6
	15-Nov-2016	8.12	1,415	20.13	1.78	20.2
	30-Aug-2016	7.54	1,771	20.70	1.70	16.2
	24-May-2016	7.65	1,330	19.47	0.75	-17.1
	17-Feb-2016	6.91	1,648	19.77	1.31	-76.3
	13-Nov-2015	7.64	1,825	18.72	1.12	-114.1
	24-Aug-2015	7.29	4,621	20.89	NM	72.4
167-08	15-Nov-2017	7.19	5,859	18.90	2.52	62.0
	17-Aug-2017	7.17	5,651	20.40	4.11	149.0
	25-May-2017	6.89	5,064	19.19	2.83	152.8
	28-Feb-2017	7.22	5,174	18.33	1.08	198.6
	16-Nov-2016	7.90	5,083	18.99	1.67	82.8
	31-Aug-2016	7.06	4,725	19.80	2.17	54.1
	25-May-2016	7.14	3,874	18.39	1.76	92.8
	17-Feb-2016	6.90	4,601	20.11	2.26	75.6
	23-Nov-2015	7.38	3,463	17.09	1.27	32.8
	25-Aug-2015	Bailer Stuck in Well-Parameters Not Collected				
167-09	15-Nov-2017	7.00	4,927	20.00	3.33	146.0
	17-Aug-2017	7.16	4,573	20.00	4.22	102.0
	25-May-2017	6.70	3,718	19.06	2.56	137.2
	27-Feb-2017	7.18	3,604	18.71	4.08	225.4
	15-Nov-2016	7.63	3,662	19.61	2.21	179.6
	30-Aug-2016	7.14	3,500	20.60	1.67	64.3
	24-May-2016	7.27	3,366	18.23	2.54	40.3
	17-Feb-2016	7.00	3,328	17.96	1.78	109.9
	13-Nov-2015	7.25	3,381	18.69	1.06	0.5
	25-Aug-2015	7.21	3,352	19.37	NM	226.5



**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
<b>Big Sky Dairy</b>						
833-01	5-Aug-2017	Plugged and Abandoned				
	31-May-2017	Dry				
	1-Mar-2017	Dry				
	17-Nov-2016	Dry				
	29-Aug-2016	Dry				
	27-May-2016	Dry				
	22-Feb-2016	Dry				
	18-Nov-2015	Dry				
	27-Aug-2015	Dry				
833-02	18-May-2022	7.24	6,273	19.5	2.08	186
	24-Feb-2022	7.67	5,532	16.8	2.59	201
	16-Nov-2021	7.19	6,064	19.5	2.83	205
	17-Aug-2021	7.73	5,666	20.6	2.88	97
	18-May-2021	7.77	6,551	20.5	2.15	136
	24-Feb-2021	7.73	5,908	18.9	2.59	110
	18-Nov-2020	7.64	5,770	19.6	1.11	108
	24-Aug-2020	7.72	5,044	22.2	2.11	167
	20-May-2020	7.43	4,981	21.2	2.75	244
	17-Feb-2020	7.97	5,542	20.1	2.37	95
	21-Nov-2019	7.72	4,903	19.6	3.14	212
	14-Aug-2019	7.23	6,553	22.2	1.82	117
	22-May-2019	6.98	6,354	20.9	1.88	281
	4-Mar-2019	7.11	4,796	18.7	2.11	154
	26-Nov-2018	7.23	6,466	19.8	2.36	143
	31-Aug-2018	7.34	6,321	20.4	2.61	178
	29-May-2018	6.98	6,471	19.7	2.11	144
	21-Feb-2018	7.66	6,511	20.9	3.36	164
	16-Nov-2017	7.30	6,625	20.4	3.63	155
	1-Sep-2017	7.71	5,105	19.5	4.67	190
	30-May-2017	7.09	6,119	19.8	2.53	178.4
	28-Feb-2017	7.24	6,231	20.29	2.08	178.6
	18-Nov-2016	7.48	6,309	20.07	4.65	62.0
	29-Aug-2016	7.12	6,158	23.70	2.06	73.6
31-May-2016	7.37	6,169	20.14	5.43	39.3	
22-Feb-2016	7.18	3,622	19.53	3.76	232.3	
18-Nov-2015	7.58	5,996	19.69	2.45	210.1	
27-Aug-2015	8.17	3,718	24.36	NM	176.1	
833-03	5-Aug-2017	Plugged and Abandoned				
	1-Sep-2017	Dry				
	30-May-2017	Dry				
	1-Mar-2017	Dry				
	17-Nov-2016	Dry				
	29-Aug-2016	Dry				
	27-May-2016	Dry				
	18-Feb-2016	Dry				
	18-Nov-2015	Dry				
27-Aug-2015	Dry					

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
833-04	16-May-2022	7.52	4,587	23.0	2.68	164
	24-Feb-2022	7.20	4,236	18.2	2.46	203
	15-Nov-2021	7.69	4,420	22.1	2.91	116
	17-Aug-2021	7.31	4,365	22.2	2.39	115
	17-May-2021	7.64	3,505	21.6	2.45	137
	23-Feb-2021	7.78	3,720	21.3	2.62	82
	18-Nov-2020	7.44	3,882	19.9	2.47	112
	24-Aug-2020	7.45	3,577	22.7	2.60	140
	20-May-2020	7.75	3,571	22.3	2.92	225
	17-Feb-2020	7.71	3,778	20.8	2.30	89
	20-Nov-2019	7.00	4,257	21.0	10.93	278
	15-Aug-2019	7.04	5,007	21.3	0.97	114
	23-May-2019	6.44	4,367	21.3	1.64	292
	4-Mar-2019	7.31	3,873	20.7	1.34	137
	26-Nov-2018	7.40	5,024	20.7	1.74	134
	4-Sep-2018	7.22	4,860	21.5	1.75	104
	24-May-2018	7.05	4,739	21.1	1.96	112
	20-Feb-2018	7.71	3,795	20.5	3.84	152
	20-Nov-2017	7.41	4,752	20.6	3.08	125
	8-Sep-2017	7.30	4,281	22.0	4.18	158
	31-Aug-2017	7.27	4,487	20.8	2.40	209
	30-May-2017	7.09	4,351	20.84	3.24	236.1
	1-Mar-2017	7.46	4,517	20.52	1.41	244.1
	17-Nov-2016	7.33	4,861	21.10	5.71	137.9
	29-Aug-2016	7.20	4,658	23.70	1.21	50.5
	27-May-2016	7.38	3,299	20.54	4.18	60.3
	22-Feb-2016	7.27	3,279	19.95	3.49	256.5
19-Nov-2015	7.69	3,169	19.07	4.15	218.6	
27-Aug-2015	7.52	3,656	22.15	NM	190.9	
833-05	18-May-2022	7.44	5,415	24.0	2.84	188
	10-Mar-2022	7.30	5,440	22.0	2.73	189
	16-Nov-2021	7.49	5,523	23.2	2.30	188
	17-Aug-2021	7.64	5,289	24.6	2.41	91
	19-May-2021	7.51	5,335	23.0	2.64	98
	25-Feb-2021	7.50	5,363	22.2	2.84	148
	19-Nov-2020	7.27	5,270	24.1	2.08	128
	25-Aug-2020	7.57	5,548	24.0	1.35	198
	19-May-2020	7.13	5,225	23.5	1.89	148
	17-Feb-2020	7.23	5,277	22.5	1.65	171
	20-Nov-2019	6.56	5,309	23.0	6.96	259
	15-Aug-2019	6.75	5,580	23.4	1.58	125
	22-May-2019	6.52	5,324	23.4	2.31	290
	5-Mar-2019	6.54	3,394	22.2	NM	159
	26-Nov-2018	6.85	5,411	22.8	1.88	128
	31-Aug-2018	6.79	5,389	23.6	2.68	144
	24-May-2018	6.54	5,271	23.0	2.34	138
	22-Feb-2018	7.39	5,475	22.1	2.81	155
	17-Nov-2017	6.73	5,481	22.1	3.01	97
	31-Aug-2017	6.70	5,659	22.9	2.56	220
	31-May-2017	6.92	5,273	22.69	2.94	199.6
	1-Mar-2017	7.30	5,302	21.26	1.64	249.9
	17-Nov-2016	7.03	5,663	23.59	3.85	128.7
	29-Aug-2016	6.78	5,179	25.10	1.34	4.86
	26-May-2016	6.96	4,643	23.52	3.41	58.9
	19-Feb-2016	7.41	4,745	22.59	3.27	208.8
	18-Nov-2015	6.98	4,260	23.40	3.44	190.2
27-Aug-2015	6.93	3,979	23.52	NM	232.1	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
833-06	16-May-2022	7.36	4,350	23.0	2.94	232
	23-Feb-2022	7.62	4,013	21.2	2.91	118
	15-Nov-2021	7.55	4,410	21.8	2.90	118
	17-Aug-2021	7.19	4,234	21.0	2.07	137
	18-May-2021	7.83	4,348	20.3	2.38	118
	23-Feb-2021	7.63	4,029	20.6	1.23	39
	18-Nov-2020	7.55	4,241	21.2	2.30	140
	24-Aug-2020	7.46	4,603	22.9	1.38	190
	19-May-2020	7.49	4,365	21.9	2.90	247
	17-Feb-2020	7.30	4,057	20.3	2.76	93
	20-Nov-2019	7.90	4,032	20.5	1.62	257
	15-Aug-2019	6.97	4,289	22.0	3.45	120
	23-May-2019	6.29	4,151	21.2	1.59	297
	5-Mar-2019	7.17	2,935	20.3	NM	142
	27-Nov-2018	6.86	4,141	20.0	2.39	164
	4-Sep-2018	7.08	3,542	22.0	1.24	137
	29-May-2018	6.81	3,582	22.2	2.59	102
	22-Feb-2018	7.11	3,935	20.8	3.51	164
	16-Nov-2017	6.82	4,046	22.0	4.39	147
	1-Sep-2017	6.85	4,170	21.0	3.54	160
	31-May-2017	6.84	3,880	21.9	2.31	152.3
	1-Mar-2017	7.38	4,105	21.31	1.36	242.1
	17-Nov-2016	7.29	4,150	21.72	6.35	142.4
	26-Aug-2016	6.65	3,851	21.95	1.87	36.3
	27-May-2016	7.07	3,388	20.75	5.74	66.4
	22-Feb-2016	7.75	3,246	20.21	5.36	263.2
19-Nov-2015	7.32	3,564	19.59	5.36	221.7	
27-Aug-2015	7.26	3,677	23.01	NM	199.7	
833-07	18-May-2022	7.51	6,171	22.5	2.90	179
	10-Mar-2022	7.38	5,522	21.5	2.44	156
	16-Nov-2021	7.58	5,817	22.1	2.47	182
	18-Aug-2021	7.66	5,538	22.4	2.14	100
	18-May-2021	7.49	5,500	22.8	2.92	169
	24-Feb-2021	7.72	5,320	21.5	2.24	87
	19-Nov-2020	7.15	5,379	22.2	2.94	215
	25-Aug-2020	7.26	5,661	23.5	2.00	185
	19-May-2020	7.38	5,758	22.7	2.78	180
	17-Feb-2020	7.27	5,366	21.5	2.23	124
	20-Nov-2019	6.78	5,340	21.2	7.61	254
	15-Aug-2019	6.91	5,534	22.1	1.23	105
	22-May-2019	6.71	5,492	22.3	1.75	304
	4-Mar-2019	7.04	4,127	20.8	2.09	139
	26-Nov-2018	7.22	5,491	20.5	2.09	133
	31-Aug-2018	7.01	5,586	22.3	1.94	174
	24-May-2018	6.71	5,580	21.7	2.21	140
	22-Feb-2018	7.12	5,608	21.8	2.71	160
	17-Nov-2017	6.88	5,652	21.5	2.17	111
	31-Aug-2017	7.02	5,894	22.3	1.81	240
	30-May-2017	6.86	5,704	21.79	2.25	146.8
	1-Mar-2017	7.44	5,908	21.42	1.69	255.8
	17-Nov-2016	7.21	6,202	22.30	3.52	168.1
	29-Aug-2016	7.02	6,312	25.10	1.87	62.2
	27-May-2016	7.03	6,250	22.08	2.19	57.1
	18-Feb-2016	6.68	6,525	24.07	2.30	266.4
18-Nov-2015	7.01	5,810	21.86	2.02	222.2	
27-Aug-2015	7.07	6,630	22.51	NM	232.2	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
833-08	18-May-2022	7.36	5,713	22.2	2.74	172
	10-Mar-2022	7.24	6,395	20.7	2.55	177
	16-Nov-2021	7.41	5,543	22.0	2.84	172
	18-Aug-2021	7.88	3,683	24.5	2.67	118
	18-May-2021	7.85	5,590	23.0	2.45	130
	24-Feb-2021	7.77	5,438	21.1	2.90	103
	18-Nov-2020	7.20	4,853	21.9	2.14	108
	24-Aug-2020	7.45	4,169	23.8	1.29	138
	19-May-2020	7.27	4,600	24.0	2.61	156
	17-Feb-2020	7.60	4,602	22.1	2.12	115
	20-Nov-2019	6.70	4,451	22.2	2.49	250
	14-Aug-2019	6.93	4,719	23.3	1.40	136
	23-May-2019	6.29	4,567	22.2	2.12	273
	5-Mar-2019	6.98	3,190	20.6	NM	148
	27-Nov-2018	6.89	4,561	20.6	2.71	167
	4-Sep-2018	7.10	4,366	22.7	1.07	140
	24-May-2018	6.54	4,524	23.2	3.17	100
	22-Feb-2018	7.44	4,723	22.2	3.88	148
	17-Nov-2017	7.28	4,892	22.2	4.12	121
	1-Sep-2017	7.02	5,284	21.8	3.03	127
	31-May-2017	6.83	4,910	22.6	2.02	163.4
	1-Mar-2017	7.27	4,896	21.37	2.69	228.6
	17-Nov-2016	7.02	5,660	22.79	6.85	139.1
	29-Aug-2016	7.05	4,300	25.90	2.08	55.3
	27-May-2016	7.02	3,480	22.11	5.99	61.6
	19-Feb-2016	6.79	3,422	22.54	3.67	225.3
	18-Nov-2015	7.17	3,067	20.30	5.05	158.7
27-Aug-2015	7.13	3,599	22.17	NM	222.4	
833-09	19-May-2022	7.23	6,610	21.6	2.55	202
	10-Mar-2022	7.56	6,018	21.3	1.89	208
	17-Nov-2021	7.30	5,953	20.3	2.80	230
	18-Aug-2021	7.81	6,211	22.0	2.93	116
	19-May-2021	7.70	4,274	21.8	2.69	130
	25-Feb-2021	7.45	4,242	20.6	2.85	103
	19-Nov-2020	7.45	4,292	21.4	2.90	121
	25-Aug-2020	7.77	4,626	25.7	2.03	224
	19-May-2020	7.34	4,651	22.0	2.73	144
	18-Feb-2020	7.45	4,521	20.9	2.83	107
	21-Nov-2019	7.00	4,527	20.0	4.56	283
	14-Aug-2019	7.11	4,764	21.6	0.71	89
	22-May-2019	7.21	4,511	21.0	2.40	297
	4-Mar-2019	7.40	4,259	19.5	2.29	140
	26-Nov-2018	7.02	4,839	20.4	2.61	135
	4-Sep-2018	7.02	4,801	21.0	1.66	182
	24-May-2018	6.85	4,846	21.2	2.58	157
	21-Feb-2018	7.41	4,896	21.8	2.26	151
	16-Nov-2017	7.23	4,685	20.6	2.86	158
	31-Aug-2017	7.11	4,997	20.5	1.43	161
	30-May-2017	7.00	4,859	21.06	2.84	141.2
	28-Feb-2017	7.40	5,026	20.37	1.48	172.5
	17-Nov-2016	7.35	5,118	21.06	2.53	121.1
	26-Aug-2016	7.00	5,060	24.20	1.37	41.1
	26-May-2016	7.26	4,718	20.61	1.70	41.6
	19-Feb-2016	8.02	5,601	19.84	1.83	219.5
	18-Nov-2015	7.26	5,356	20.04	1.91	217.2
27-Aug-2015	7.39	5,341	22.71	NM	214.8	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
833-10	19-May-2022	7.32	4,340	19.8	2.66	176
	28-Feb-2022	7.23	4,356	18.0	2.38	207
	17-Nov-2021	7.76	4,301	18.4	2.38	178
	18-Aug-2021	7.81	4,248	19.8	2.76	101
	19-May-2021	7.37	4,181	20.0	2.49	161
	25-Feb-2021	7.63	4,047	19.0	1.83	108
	19-Nov-2020	7.39	4,071	20.8	1.57	128
	25-Aug-2020	7.30	4,142	21.0	1.43	198
	20-May-2020	7.22	4,180	21.5	2.63	162
	18-Feb-2020	7.51	3,974	19.2	1.89	122
	21-Nov-2019	6.50	3,921	19.7	5.82	235
	14-Aug-2019	7.31	4,002	20.2	0.63	125
	22-May-2019	6.74	3,907	19.3	2.28	307
	4-Mar-2019	7.03	3,406	17.9	2.40	127
	26-Nov-2018	6.92	3,903	18.1	2.24	148
	31-Aug-2018	7.30	3,841	19.1	2.55	169
	24-May-2018	7.41	3,927	19.3	2.89	123
	22-Feb-2018	7.57	3,878	18.6	2.77	150
	16-Nov-2017	7.04	3,899	18.5	3.27	156
	31-Aug-2017	6.98	3,992	19.7	2.36	212
	30-May-2017	6.72	3,623	19.07	1.81	182.8
	1-Mar-2017	7.40	3,988	18.19	1.47	248.6
	17-Nov-2016	7.15	3,764	18.50	0.62	129.9
	26-Aug-2016	7.00	3,856	20.10	1.77	55.6
	26-May-2016	7.16	3,609	19.39	2.94	46.7
	19-Feb-2016	7.93	3,617	19.11	2.71	220.8
18-Nov-2015	7.21	3,600	19.11	2.08	210.6	
27-Aug-2015	7.14	3,861	19.66	NM	231.7	
<b>Sunset/Desert Land Dairy</b>						
257-01	19-May-2022	7.20	5,520	20.3	1.97	259
	28-Feb-2022	7.48	5,522	19.8	2.15	195
	17-Nov-2021	7.80	5,521	20.8	2.74	226
	19-Aug-2021	7.92	5,476	21.8	2.51	46
	20-May-2021	7.73	5,508	20.1	2.58	150
	25-Feb-2021	7.78	5,377	20.0	2.64	97
	20-Nov-2020	7.70	5,505	21.1	1.73	131
	25-Aug-2020	7.41	5,740	21.0	2.08	182
	26-May-2020	7.76	5,705	20.1	2.34	231
	18-Feb-2020	7.81	5,375	19.5	1.80	135
	21-Nov-2019	6.77	5,461	20.7	1.78	226
	6-Aug-2019	7.16	5,844	20.8	NM	174
	21-May-2019	6.71	5,643	18.7	1.30	292
	1-Mar-2019	7.27	4,790	19.7	1.17	181
	27-Nov-2018	7.52	5,784	20.2	1.76	168
	23-Aug-2018	7.58	5,739	21.2	2.25	146
	23-May-2018	7.14	5,797	19.0	2.36	101
	20-Feb-2018	7.56	5,809	19.9	2.84	146
	16-Nov-2017	7.37	5,800	20.3	2.59	156
	18-Aug-2017	7.58	5,774	20.2	3.49	176
	31-May-2017	6.65	5,255	19.9	1.74	121.4
	2-Mar-2017	7.62	5,357	19.24	1.46	183.3
	16-Nov-2016	7.76	5,484	20.63	2.10	36.7
	25-Aug-2016	7.08	5,297	20.04	3.23	26.1
	26-May-2016	7.42	4,809	18.91	3.47	17.2
	22-Feb-2016	7.46	4,942	19.56	2.51	171.8
19-Nov-2015	7.48	4,943	20.16	2.27	184.9	
28-Aug-2015	7.47	5,032	21.14	NM	189.4	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
257-02	19-May-2022	7.50	4,233	19.8	2.18	150
	28-Feb-2022	7.62	3,607	18.3	2.72	147
	18-Nov-2021	7.80	5,215	20.4	1.73	123
	20-Aug-2021	7.83	3,610	21.1	2.79	184
	19-May-2021	7.63	4,545	23.6	2.90	182
	26-Feb-2021	7.65	4,422	17.7	2.55	126
	20-Nov-2020	7.58	4,431	21.9	2.18	187
	26-Aug-2020	7.58	4,473	21.5	1.51	173
	26-May-2020	7.28	4,560	20.2	2.96	177
	18-Feb-2020	7.43	3,981	19.5	2.94	150
	21-Nov-2019	6.86	3,928	20.8	4.14	246
	6-Aug-2019	7.16	4,009	21.2	NM	198
	21-May-2019	6.49	3,844	17.7	1.19	294
	1-Mar-2019	6.99	3,707	19.0	2.11	169
	27-Nov-2018	7.37	4,017	20.3	2.46	155
	23-Aug-2018	7.29	3,996	21.3	2.46	123
	23-May-2018	6.99	3,969	18.8	2.91	122
	20-Feb-2018	7.48	3,943	18.8	4.23	155
	16-Nov-2017	7.20	3,991	20.9	3.29	117
	18-Aug-2017	7.36	4,326	20.9	4.86	150
	31-May-2017	6.65	3,585	19.37	1.87	151.5
	2-Mar-2017	7.72	3,828	18.45	1.67	231.1
	16-Nov-2016	7.74	4,378	21.28	4.37	85.1
	25-Aug-2016	6.94	3,244	21.03	5.64	42.9
	26-May-2016	7.24	3,183	18.32	3.78	84.3
	22-Feb-2016	7.75	2,582	20.01	3.44	142.7
	19-Nov-2015	7.41	4,064	21.09	3.38	204.7
	28-Aug-2015	7.27	3,912	21.30	NM	243.8
257-03	19-May-2022	Unknown Blockage in Well -Parameters Not Collected				
	28-Feb-2022	Unknown Blockage in Well -Parameters Not Collected				
	18-Nov-2021	Unknown Blockage in Well -Parameters Not Collected				
	20-Aug-2021	7.26	4,124	23.0	2.99	102
	20-May-2021	Insufficient Water-Parameters Not Collected				
	26-Feb-2021	7.48	4,189	17.1	2.87	144
	20-Nov-2020	7.20	4,196	21.4	2.93	190
	26-Aug-2020	7.23	4,444	22.4	1.30	165
	26-May-2020	Dry				
	18-Feb-2020	7.22	4,041	17.8	2.38	121
	21-Nov-2019	6.51	3,901	19.6	3.30	244
	6-Aug-2019	6.80	4,514	23.8	NM	272
	21-May-2019	Dry				
	1-Mar-2019	7.17	4,021	18.9	2.28	153
	27-Nov-2018	7.13	3,954	19.7	2.08	160
	23-Aug-2018	7.14	4,200	22.2	1.89	158
	23-May-2018	7.72	3,323	20.1	2.08	64
	20-Feb-2018	7.18	3,755	17.0	1.89	131
	16-Nov-2017	7.14	3,182	20.2	3.11	141
	18-Aug-2017	7.09	3,943	20.6	2.61	247
	31-May-2017	6.48	3,569	20.51	1.68	130
	2-Mar-2017	7.28	3,164	16.57	1.98	251.7
	16-Nov-2016	7.42	2,952	21.12	3.66	90.8
	25-Aug-2016	6.81	2,786	22.39	1.03	27.2
	26-May-2016	Dry				
	22-Feb-2016	Insufficient Water-Parameters Not Collected				
	19-Nov-2015	Dry				
	28-Aug-2015	7.34	3,520	24.08	NM	241.6

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
257/260-01	20-Feb-2018	Plugged and Abandoned				
	16-Nov-2017	Could Not Access				
	18-Aug-2017	7.55	4,786	20.60	3.03	-217.0
	31-May-2017	10.01	3,974	20.41	3.65	-194.9
	2-Mar-2017	7.97	3,961	18.11	-0.10	-282.3
	16-Nov-2016	8.95	3,111	20.01	4.10	-172.7
	9-Sep-2016	7.36	2,580	23.10	1.78	NM
	26-May-2016	7.70	3,141	17.96	0.81	-180.0
	22-Feb-2016	7.61	3,755	18.22	0.00	-312.4
	19-Nov-2015	7.90	3,217	19.97	0.98	-97.6
	28-Aug-2015	7.66	1,840	21.64	NM	194.4
<b>Las Cruces Community Farms (Former McAnally Enterprises)</b>						
MW-4	20-May-2022	7.18	6,393	22.0	2.05	196
	28-Feb-2022	7.38	6,399	21.6	2.30	162
	18-Nov-2021	7.57	5,852	21.1	2.87	121
	20-Aug-2021	7.71	6,360	22.8	2.55	87
	20-May-2021	7.68	6,189	22.2	2.93	106
	26-Feb-2021	7.20	6,790	21.4	2.95	104
	20-Nov-2020	7.58	6,914	22.3	2.83	159
	26-Aug-2020	7.24	7,221	22.4	1.93	144
	26-May-2020	7.33	6,976	22.4	2.91	172
	6-Mar-2020	7.52	7,037	21.7	1.45	179
	26-Nov-2019	6.61	7,084	21.1	3.87	71
<b>SOUTHERN AREA</b>						
<b>Del Oro Dairy</b>						
692-01	24-Feb-2016	Plugged and Abandoned				
	2-Dec-2015	6.95	3,550	20.70	1.43	157.5
	31-Aug-2015	Pump Not Operational-Parameters Not Collected				
692-02	20-May-2022	7.66	1,785	23.7	1.31	186
	1-Mar-2022	7.20	1,782	22.0	1.32	215
	19-Nov-2021	7.10	1,589	22.7	1.20	256
	23-Aug-2021	7.22	1,566	24.6	1.15	99
	20-May-2021	7.79	1,536	25.0	1.97	137
	9-Mar-2021	7.89	1,498	23.1	1.08	214
	23-Nov-2020	7.31	1,499	24.1	1.09	237
	26-Aug-2020	7.51	1,539	25.4	1.10	200
	26-May-2020	7.56	1,561	25.8	1.18	150
	19-Feb-2020	7.70	1,463	23.6	2.71	161
	2-Dec-2019	7.64	1,444	24.4	2.28	207
	15-Aug-2019	7.20	2,001	27.2	2.28	96
	29-May-2019	7.05	1,588	23.4	3.02	231
	7-Mar-2019	6.72	2,692	21.8	2.70	141
	27-Nov-2018	6.60	3,697	21.8	3.11	173
	23-Aug-2018	6.70	3,937	22.8	3.76	125
	30-May-2018	6.29	4,040	21.8	4.28	134
	23-Feb-2018	7.06	4,371	21.7	5.17	160
	30-Nov-2017	6.84	3,882	20.4	6.88	169
	23-Aug-2017	6.83	3,617	22.9	3.10	154
	5-Jun-2017	6.70	2,612	22.06	3.72	179.9
	2-Mar-2017	7.00	3,418	21.09	2.04	233.5
	30-Nov-2016	6.43	4,957	22.45	0.50	151.1
6-Sep-2016	6.99	4,980	22.50	2.97	NM	
31-May-2016	6.79	4,861	21.60	1.77	53.2	
24-Feb-2016	6.49	4,818	20.64	1.46	335.4	
2-Dec-2015	6.90	4,801	20.76	1.61	163.4	
31-Aug-2015	6.72	5,119	22.51	NM	198.1	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
692-04	20-May-2022	7.30	4,133	23.2	2.00	198
	1-Mar-2022	7.18	3,530	21.0	2.67	221
	19-Nov-2021	7.12	3,390	20.0	2.59	195
	20-Aug-2021	7.81	3,483	24.5	2.61	74
	20-May-2021	Insufficient Water-Parameters Not Collected				
	9-Mar-2021	7.41	3,104	22.0	2.36	154
	23-Nov-2020	7.52	3,442	21.7	2.49	175
	26-Aug-2020	7.66	3,580	25.2	2.66	193
	26-May-2020	7.63	4,815	24.2	2.91	177
	19-Feb-2020	7.15	3,736	20.1	2.50	202
	2-Dec-2019	6.30	3,423	20.0	1.76	248
	15-Aug-2019	6.78	3,564	22.7	2.03	108
	29-May-2019	Dry				
	7-Mar-2019	Dry				
	27-Nov-2018	Dry				
	23-Aug-2018	Dry				
	30-May-2018	Dry				
	23-Feb-2018	Dry				
	30-Nov-2017	Dry				
	23-Aug-2017	Dry				
	5-Jun-2017	Dry				
	2-Mar-2017	Dry				
	30-Nov-2016	Dry				
	2-Sep-2016	Dry				
	31-May-2016	Dry				
	24-Feb-2016	Dry				
	2-Dec-2015	Dry				
31-Aug-2015	Dry					
692-05*	20-May-2022	7.38	2,453	24.6	1.82	237
	2-Mar-2022	7.19	2,444	20.3	1.88	214
	19-Nov-2021	7.30	2,531	22.0	1.90	185
	23-Aug-2021	7.13	2,473	24.4	1.79	136
	21-May-2021	7.66	2,467	23.0	1.85	116
	9-Mar-2021	7.43	2,429	21.9	1.80	132
	23-Nov-2020	7.30	2,382	22.4	1.81	221
	27-Aug-2020	7.36	2,491	23.0	1.88	203
	27-May-2020	7.18	2,488	23.1	1.80	187
	19-Feb-2020	7.68	2,349	19.8	2.33	181
	2-Dec-2019	6.55	2,350	20.2	0.79	205
	16-Aug-2019	7.03	2,442	23.7	1.04	90
	29-May-2019	6.80	2,429	23.9	4.24	254
	14-Mar-2019	6.96	1,787	21.6	4.11	191
	4-Dec-2018	Pump Not Operational-Parameters Not Collected				
	23-Aug-2018	6.97	2,430	24.3	4.11	166
	30-May-2018	Pump Not Operational-Parameters Not Collected				
	23-Feb-2018	Pump Not Operational-Parameters Not Collected				
	30-Nov-2017	7.64	2,457	21.1	5.99	164
	22-Aug-2017	7.40	2,429	23.8	6.00	88
	5-Jun-2017	7.19	2,341	22.41	5.29	187.3
	3-Mar-2017	7.67	2,309	20.53	2.48	202.4
	29-Nov-2016	7.53	2,265	20.70	7.88	104.4
	2-Sep-2016	7.22	2,510	23.20	7.09	NM
	31-May-2016	7.54	2,216	21.44	5.74	63.6
	24-Feb-2016	7.01	2,199	20.55	6.20	196.9
	2-Dec-2015	7.58	2,127	18.67	13.45	242.9
31-Aug-2015	7.92	2,713	31.25	NM	124.7	



**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
692-06	23-May-2022	7.22	2,276	22.4	1.71	185
	2-Mar-2022	7.21	2,288	21.5	1.74	213
	22-Nov-2021	7.30	2,326	21.2	1.76	247
	24-Aug-2021	7.73	2,305	25.3	1.73	52
	21-May-2021	7.65	2,322	21.9	1.71	177
	11-Mar-2021	7.84	2,199	22.1	1.69	171
	24-Nov-2020	7.67	2,276	21.2	1.71	104
	27-Aug-2020	7.50	2,350	23.8	1.73	244
	27-May-2020	7.42	2,431	26.4	1.72	126
	18-Feb-2020	7.60	2,186	23.0	2.60	123
	26-Nov-2019	6.91	2,230	19.7	9.98	184
	15-Aug-2019	7.15	2,311	23.7	2.27	166
	29-May-2019	6.71	2,230	23.6	4.37	293
	7-Mar-2019	6.90	2,260	22.0	4.10	115
	4-Dec-2018	7.07	1,734	18.1	3.81	130
	23-Aug-2018	6.74	2,294	22.4	4.61	202
	30-May-2018	6.64	2,305	23.2	5.11	69
	27-Feb-2018	7.60	2,297	22.6	3.62	113
	30-Nov-2017	7.30	2,319	20.7	4.01	185
	23-Aug-2017	7.17	2,351	22.6	4.27	139
	5-Jun-2017	7.09	2,258	22.45	3.74	123.8
	2-Mar-2017	7.30	2,295	21.69	2.82	251.2
	30-Nov-2016	6.86	2,297	22.49	6.12	242.1
	6-Sep-2016	7.72	2,410	22.00	5.24	NM
	31-May-2016	7.29	2,085	21.69	4.84	79.0
	24-Feb-2016	7.16	2,147	20.61	3.78	167.3
	1-Dec-2015	7.31	2,147	20.76	2.17	95.2
31-Aug-2015	7.44	2,420	25.12	NM	119.7	
692-07*	23-May-2022	7.26	2,505	22.1	1.88	169
	2-Mar-2022	7.30	2,492	20.9	1.88	198
	22-Nov-2021	7.36	2,529	22.1	1.88	110
	24-Aug-2021	7.60	2,571	24.6	1.87	80
	21-May-2021	7.73	2,575	23.5	1.92	170
	11-Mar-2021	7.33	2,450	21.4	1.87	244
	24-Nov-2020	7.52	4,503	21.6	1.44	226
	27-Aug-2020	7.10	2,632	22.5	1.92	194
	27-May-2020	7.33	2,644	24.0	1.95	46
	19-Feb-2020	7.89	2,504	17.1	3.45	156
	26-Nov-2019	7.16	2,597	19.5	4.35	227
	16-Aug-2019	7.51	2,625	24.1	3.75	-51
	29-May-2019	6.99	2,553	22.3	4.61	287
	7-Mar-2019	7.00	2,553	20.6	4.39	111
	4-Dec-2018	7.13	2,585	20.0	4.68	115
	23-Aug-2018	7.38	2,563	24.3	6.23	90
	30-May-2018	7.33	2,602	23.2	7.04	35
	23-Feb-2018	7.67	2,623	20.8	7.26	79
	30-Nov-2017	7.56	2,594	20.3	7.11	116
	22-Aug-2017	7.22	2,586	25.3	5.23	89.0
	5-Jun-2017	7.16	2,549	23.27	5.40	226.4
	3-Mar-2017	7.63	2,496	20.38	3.78	259.5
	29-Nov-2016	7.11	2,504	20.48	8.19	87.6
	2-Sep-2016	7.40	2,680	24.80	7.04	NM
	31-May-2016	7.53	2,440	22.55	3.71	42.5
	24-Feb-2016	7.18	2,390	20.66	7.90	165.7
	2-Dec-2015	7.68	2,189	17.55	7.20	245.8
31-Aug-2015	7.37	2,667	25.70	NM	132.9	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
692-08*	23-May-2022	7.27	2,242	31.1	1.60	277
	2-Mar-2022	7.51	2,222	26.1	1.63	26
	22-Nov-2021	7.81	2,251	27.9	1.62	12
	24-Aug-2021	7.65	2,220	30.1	1.60	59
	21-May-2021	7.77	2,189	23.3	1.64	147
	11-Mar-2021	7.43	2,153	24.2	1.60	152
	24-Nov-2020	7.34	2,111	22.0	1.60	231
	27-Aug-2020	7.25	2,195	24.7	1.60	178
	27-May-2020	7.11	2,205	23.8	1.59	248
	18-Feb-2020	7.52	2,196	22.8	1.20	133
	25-Nov-2019	7.14	2,610	19.1	4.10	224
	16-Aug-2019	6.98	2,188	23.5	2.94	184
	29-May-2019	6.69	2,160	21.8	5.38	264
	7-Mar-2019	6.83	2,194	20.4	5.61	159
	4-Dec-2018	6.67	2,217	19.6	5.94	179
	23-Aug-2018	7.31	2,172	23.2	6.74	159
	30-May-2018	6.97	2,200	23.9	6.92	82
	23-Feb-2018	7.54	2,215	21.0	7.13	143
	30-Nov-2017	7.51	2,160	20.6	6.57	198
	22-Aug-2017	7.55	2,191	24.3	5.09	98
	5-Jun-2017	6.62	2,133	22.68	4.78	110.2
	3-Mar-2017	6.88	2,164	21.09	3.56	249.1
	30-Nov-2016	6.90	2,148	21.44	3.63	368.2
	2-Sep-2016	6.92	2,270	22.80	6.89	NM
	31-May-2016	7.12	2,074	22.73	5.11	48.0
	24-Feb-2016	7.27	2,072	21.71	7.27	312.5
1-Dec-2015	7.30	2,009	20.67	8.14	234.2	
31-Aug-2015	7.25	2,385	23.15	NM	134.7	
692-09*	20-May-2022	7.51	2,264	26.5	1.78	180
	1-Mar-2022	7.59	2,281	22.9	1.89	199
	19-Nov-2021	7.40	2,257	23.4	1.60	146
	23-Aug-2021	7.21	2,245	24.3	1.65	111
	20-May-2021	7.44	2,232	23.8	1.59	184
	9-Mar-2021	7.73	2,200	23.4	1.65	124
	23-Nov-2020	7.40	2,156	23.0	1.64	190
	26-Aug-2020	7.26	2,267	24.0	1.62	237
	27-May-2020	7.30	2,240	23.1	1.67	265
	19-Feb-2020	7.75	2,234	17.6	2.84	191
	2-Dec-2019	7.02	2,151	20.1	1.10	182
	16-Aug-2019	7.14	2,241	23.2	2.32	91
	29-May-2019	6.96	2,149	22.9	5.80	232
	7-Mar-2019	7.04	2,211	22.2	5.89	136
	4-Dec-2018	7.52	2,229	20.1	6.11	132
	23-Aug-2018	7.40	2,172	23.1	5.44	111
	30-May-2018	6.91	2,211	23.0	5.21	127
	23-Feb-2018	7.58	2,211	22.1	4.38	143
	30-Nov-2017	7.32	2,196	22.3	5.75	228
	22-Aug-2017	7.25	2,231	24.0	4.28	104
	5-Jun-2017	7.22	2,163	23.19	5.07	156.4
	3-Mar-2017	7.30	2,240	22.24	3.26	257.8
	30-Nov-2016	7.13	2,221	22.09	6.02	103.1
	2-Sep-2016	7.14	2,310	23.50	6.03	NM
	31-May-2016	7.35	2,106	22.81	4.68	62.3
	24-Feb-2016	7.06	2,111	22.18	5.54	208.6
2-Dec-2015	7.65	2,015	18.78	8.02	155.9	
31-Aug-2015	7.57	2,420	27.64	NM	168.5	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
<b>Anthony Waste Water Treatment Plant</b>						
MW-1	Aug-2015	Parameters Not Collected				
MW-2	Aug-2015	Parameters Not Collected				
MW-3	Aug-2015	Parameters Not Collected				
<b>ABATEMENT PLAN MONITOR WELLS</b>						
DAD-01	24-May-2022	7.24	2,507	24.3	1.71	203
	3-Mar-2022	7.19	2,696	24.0	1.85	200
	23-Nov-2021	7.54	2,516	23.9	1.82	118
	25-Aug-2021	7.11	2,330	24.9	1.76	146
	1-Jun-2021	7.19	2,250	24.5	1.71	219
	26-Feb-2021	7.59	2,706	23.5	1.79	132
	30-Nov-2020	7.31	2,401	24.0	1.69	308
	27-Aug-2020	7.43	2,290	25.8	1.56	140
	29-May-2020	7.51	2,149	25.5	1.50	132
	21-Feb-2020	7.08	2,347	23.5	0.21	170
	3-Dec-2019	6.57	2,280	22.5	1.35	193
	19-Aug-2019	7.11	2,146	25.3	2.94	96
	22-May-2019	7.03	2,099	24.8	1.11	288
	5-Mar-2019	7.28	2,352	23.9	1.13	127
	28-Nov-2018	7.11	2,221	23.5	1.31	147
	24-Aug-2018	6.79	2,101	25.3	1.14	222
	31-May-2018	7.20	2,084	24.1	1.36	115
	26-Feb-2018	7.44	2,458	22.8	3.17	129
	20-Nov-2017	7.39	2,414	24.6	5.07	131
	24-Aug-2017	7.30	2,436	25.0	5.57	167
	8-Jun-2017	6.93	2,383	25.27	3.40	206.7
	7-Mar-2017	7.23	2,688	23.27	2.40	217.1
	30-Nov-2016	7.09	2,728	24.10	5.82	239.2
	6-Sep-2016	7.24	2,740	25.30	6.16	NM
2-Jun-2016	7.02	2,521	24.87	6.19	98.6	
25-Feb-2016	6.78	2,785	24.29	3.75	198.6	
23-Nov-2015	7.21	2,636	22.29	4.60	-7.4	
1-Sep-2015	7.28	2,406	24.74	NM	255.7	
DAD-02	25-May-2022	7.60	2,040	24.5	1.57	146
	16-Mar-2022	7.22	1,856	23.3	1.33	179
	30-Nov-2021	7.83	1,821	23.5	1.30	121
	26-Aug-2021	7.71	1,802	25.3	1.36	153
	3-Jun-2021	7.81	1,807	25.1	1.35	182
	2-Mar-2021	7.86	1,678	23.2	1.22	134
	1-Dec-2020	7.47	1,803	17.3	0.94	167
	28-Aug-2020	7.78	1,896	26.0	1.36	132
	29-May-2020	7.41	1,837	25.1	1.35	107
	21-Feb-2020	7.64	1,770	22.3	0.30	135
	4-Dec-2019	6.83	1,711	22.6	2.15	167
	19-Aug-2019	7.38	1,895	24.3	3.17	97
	22-May-2019	7.14	1,862	24.5	1.23	296
	4-Mar-2019	7.32	2,015	23.2	1.31	136
	28-Nov-2018	7.18	2,258	23.2	1.44	156
	24-Aug-2018	7.10	2,325	24.4	1.63	218
	31-May-2018	7.38	2,412	24.1	2.06	111
	26-Feb-2018	7.51	2,652	23.2	2.47	142
	20-Nov-2017	7.30	2,632	23.3	5.75	166
	24-Aug-2017	7.40	2,510	25.1	5.35	73
	8-Jun-2017	6.91	2,606	24.78	4.78	171.8
	7-Mar-2017	7.42	2,727	23.27	2.96	208.2
	30-Nov-2016	7.20	2,535	22.82	6.93	134.3
	6-Sep-2016	7.83	2,570	24.40	6.78	NM
2-Jun-2016	7.20	2,454	24.80	5.21	79.4	
25-Feb-2016	7.22	2,480	22.99	6.08	203.6	
23-Nov-2015	7.31	2,454	22.81	5.28	95.5	
31-Aug-2015	7.48	2,633	25.05	NM	220.6	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
DAD-03	26-May-2022	7.24	2,658	20.2	1.96	194
	16-Mar-2022	7.15	2,780	20.1	2.09	198
	1-Dec-2021	7.54	2,618	22.0	1.98	85
	26-Aug-2021	7.77	2,961	23.6	2.28	-122
	3-Jun-2021	7.58	2,720	20.9	1.97	192
	1-Dec-2020	7.62	2,404	21.7	1.73	-73
	31-Aug-2020	7.70	2,622	22.9	2.22	140
	1-Jun-2020	7.47	2,557	20.7	1.89	157
	21-Feb-2020	7.63	2,461	20.0	0.29	123
	4-Dec-2019	7.13	2,613	21.5	3.49	-40
	19-Aug-2019	7.30	2,731	22.4	1.49	-28
	22-May-2019	7.16	2,839	20.3	2.53	287
	5-Mar-2019	7.34	2,651	19.8	2.60	149
	28-Nov-2018	7.65	2,700	22.1	3.10	152
	24-Aug-2018	7.39	2,953	22.4	2.56	58
	31-May-2018	6.97	3,152	20.3	2.30	83
	26-Feb-2018	7.63	2,952	20.5	2.11	145
	20-Nov-2017	7.25	3,238	22.8	1.48	121
	24-Aug-2017	7.23	3,259	22.4	1.67	-96
	8-Jun-2017	6.79	3,035	21.24	5.23	-13.6
	7-Mar-2017	7.52	3,727	20.11	1.88	216.7
	30-Nov-2016	7.41	3,983	21.72	5.03	-20.9
	6-Sep-2016	7.36	3,750	23.10	2.32	NM
	2-Jun-2016	7.11	3,397	23.72	2.01	61.9
	25-Feb-2016	7.26	3,160	19.80	0.62	-97.8
23-Nov-2015	7.33	3,365	21.04	1.30	-47.3	
1-Sep-2015	7.37	4,085	23.27	NM	225.8	
DAD-04	26-May-2022	7.36	1,935	19.4	1.42	187
	16-Mar-2022	7.26	3,629	18.9	2.80	175
	1-Dec-2021	7.78	3,550	20.6	2.72	111
	31-Aug-2021	7.50	3,580	22.1	2.69	140
	3-Jun-2021	7.80	3,555	19.3	2.65	150
	2-Mar-2021	7.92	3,240	18.4	2.48	102
	2-Dec-2020	7.82	3,071	19.4	2.36	146
	31-Aug-2020	7.10	3,180	22.5	2.32	119
	1-Jun-2020	7.35	3,002	20.1	2.16	130
	21-Feb-2020	7.81	2,752	18.1	0.27	46
	4-Dec-2019	7.08	3,000	19.3	2.45	-39
	19-Aug-2019	7.68	2,692	22.8	1.74	-47
	23-May-2019	6.69	2,739	19.0	1.33	213
	5-Mar-2019	7.66	2,701	18.1	1.58	142
	28-Nov-2018	7.53	2,748	19.7	1.86	121
	24-Aug-2018	7.77	2,583	21.0	1.59	25
	31-May-2018	7.43	2,667	20.7	1.20	60
	26-Feb-2018	7.66	2,270	18.4	1.84	83
	20-Nov-2017	8.45	1,429	20.9	3.79	29
	24-Aug-2017	7.45	2,986	21.2	NM	78
	8-Jun-2017	6.84	2,696	21.48	2.64	209.2
	7-Mar-2017	7.80	2,486	19.56	1.80	214.6
	2-Dec-2016	7.60	2,843	20.58	5.46	216.8
	6-Sep-2016	7.75	3,040	22.10	3.57	NM
	2-Jun-2016	7.16	3,129	20.67	3.12	39.4
25-Feb-2016	7.52	2,191	18.39	3.45	84.7	
23-Nov-2015	7.68	2,587	19.50	1.92	-29.6	
1-Sep-2015	7.76	3,591	22.82	NM	164.8	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
DAD-05	31-May-2022	7.22	2,294	18.2	1.62	31
	17-Mar-2022	7.40	2,377	17.5	1.75	81
	6-Dec-2021	7.20	2,564	19.0	1.84	-79
	2-Sep-2021	7.58	3,147	21.9	2.32	157
	7-Jun-2021	7.64	2,640	19.2	1.32	92
	4-Mar-2021	7.84	2,231	17.1	1.53	156
	2-Dec-2020	7.65	2,210	19.3	1.93	168
	31-Aug-2020	7.68	1,590	23.0	1.15	91
	1-Jun-2020	7.49	2,381	19.9	1.51	106
	21-Feb-2020	7.66	2,603	17.3	0.25	87
	5-Dec-2019	7.31	2,334	19.6	2.50	137
	22-Aug-2019	7.53	2,838	20.2	2.88	85
	23-May-2019	6.84	3,379	17.1	2.06	286
	5-Mar-2019	7.57	2,898	16.8	2.51	147
	29-Nov-2018	7.51	3,911	19.9	1.28	172
	24-Aug-2018	7.45	4,335	20.0	2.91	90
	31-May-2018	7.00	4,244	15.8	3.45	60
	26-Feb-2018	7.23	4,209	16.7	4.67	112
	27-Nov-2017	7.28	4,252	20.1	1.62	138
	25-Aug-2017	7.53	2,517	20.6	3.72	187
	8-Jun-2017	6.53	3,839	17.82	2.77	38.3
	7-Mar-2017	7.41	2,997	17.25	2.27	231.3
	2-Dec-2016	7.09	3,954	19.60	1.81	153.6
	6-Sep-2016	7.20	4,040	19.50	2.53	NM
	2-Jun-2016	7.09	3,542	17.60	2.87	66.2
	25-Feb-2016	7.12	3,494	17.20	1.47	167.5
	23-Nov-2015	7.29	3,106	19.79	1.71	29.8
1-Sep-2015	7.52	2,935	22.60	NM	101.4	
DAD-06	27-May-2022	Dry				
	22-Mar-2022	Dry				
	1-Dec-2021	Dry				
	31-Aug-2021	Dry				
	4-Jun-2021	Dry				
	3-Mar-2021	Dry				
	1-Dec-2020	Dry				
	31-Aug-2020	Dry				
	1-Jun-2020	Dry				
	9-Mar-2020	Dry				
	4-Dec-2019	Dry				
	22-Aug-2019	Dry				
	28-May-2019	Dry				
	14-Mar-2019	Dry				
	4-Dec-2018	Dry				
	31-Aug-2018	Dry				
	4-Jun-2018	Dry				
	28-Feb-2018	Dry				
	28-Nov-2017	Dry				
	29-Aug-2017	Dry				
	12-Jun-2017	Dry				
	13-Mar-2017	Dry				
	6-Dec-2016	Dry				
8-Sep-2016	Dry					
6-Jun-2016	Dry					
25-Feb-2016	Dry					
23-Nov-2015	Dry					
1-Sep-2015	Dry					

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
DAD-07	1-Jun-2022	7.22	2,976	24.5	2.05	184
	22-Mar-2022	7.26	3,086	22.0	2.16	163
	7-Dec-2021	7.28	3,213	24.0	2.25	115
	1-Sep-2021	7.20	5,616	25.2	2.44	120
	4-Jun-2021	7.28	3,539	24.9	2.56	172
	3-Mar-2021	7.31	3,596	24.1	2.76	123
	4-Dec-2020	7.18	3,634	22.8	2.88	203
	3-Sep-2020	7.31	3,773	24.8	2.82	171
	3-Jun-2020	7.50	3,471	25.6	2.63	140
	25-Feb-2020	6.93	3,220	23.0	0.50	181
	5-Dec-2019	6.41	3,142	23.2	1.91	136
	21-Aug-2019	6.84	3,261	25.6	3.19	224
	24-May-2019	6.51	3,153	24.4	2.44	308
	8-Mar-2019	6.71	2,534	24.1	1.34	162
	29-Nov-2018	6.86	3,070	23.9	1.64	148
	27-Aug-2018	6.93	3,138	24.9	2.20	236
	1-Jun-2018	6.75	3,341	25.3	3.11	151
	27-Feb-2018	6.64	3,823	24.2	3.61	156
	28-Nov-2017	7.02	3,636	24.4	4.16	149
	28-Aug-2017	6.86	3,270	24.7	NM	190
	6-Jun-2017	6.73	3,048	24.96	2.80	196.7
	10-Mar-2017	6.92	2,948	24.40	3.24	196.4
	5-Dec-2016	6.93	2,847	23.78	5.11	215.0
	7-Sep-2016	7.12	3,160	24.80	5.78	NM
	8-Jun-2016	6.79	2,985	24.84	4.60	239.2
	1-Mar-2016	7.00	3,037	24.36	4.23	208.7
30-Nov-2015	7.09	3,088	21.59	4.65	257.1	
1-Sep-2015	7.37	3,569	26.31	NM	148.2	
DAD-08	31-May-2022	7.41	7,122	22.5	2.97	116
	18-Mar-2022	7.20	6,936	20.6	2.51	189
	6-Dec-2021	7.49	6,815	21.2	2.75	68
	2-Sep-2021	7.46	6,947	22.8	2.94	208
	7-Jun-2021	7.67	7,471	22.4	2.71	104
	3-Mar-2021	7.68	7,165	21.3	2.00	103
	3-Dec-2020	7.25	6,949	20.8	2.90	182
	2-Sep-2020	7.43	7,396	22.8	2.51	131
	2-Jun-2020	7.18	7,059	23.9	2.48	184
	21-Feb-2020	7.36	7,094	20.4	0.44	81
	4-Dec-2019	6.57	7,007	20.3	6.32	167
	19-Aug-2019	6.98	7,181	22.1	2.93	72
	23-May-2019	6.38	7,905	21.9	2.21	288
	5-Mar-2019	7.25	3,765	20.6	1.84	158
	29-Nov-2018	7.50	6,136	20.8	2.11	159
	24-Aug-2018	6.99	7,829	22.1	3.11	128
	31-May-2018	6.73	7,682	21.1	3.52	109
	26-Feb-2018	6.97	7,135	21.1	3.24	126
	27-Nov-2017	7.27	6,587	21.2	2.87	149
	25-Aug-2017	7.07	6,396	21.9	3.05	243
	8-Jun-2017	6.50	7,029	21.64	3.83	59.4
	7-Mar-2017	7.34	7,737	20.57	2.34	237.7
	2-Dec-2016	7.02	8,153	20.74	4.32	138.9
	6-Sep-2016	7.28	8,410	21.80	4.98	NM
	2-Jun-2016	7.06	7,862	21.51	4.97	78.8
	25-Feb-2016	7.07	7,896	20.38	4.79	177.3
23-Nov-2015	7.20	8,036	26.21	3.73	95.1	
1-Sep-2015	7.54	8,449	23.03	NM	181.8	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
DAD-09	1-Jun-2022	7.20	3,058	24.1	2.30	211
	22-Mar-2022	7.63	2,881	22.0	1.81	159
	7-Dec-2021	7.66	1,938	22.4	887.2	108
	3-Sep-2021	7.58	1,143	24.6	1.81	220
	28-May-2021	7.50	2,988	24.0	2.43	165
	8-Mar-2021	7.38	2,954	21.9	2.33	148
	7-Dec-2020	7.49	2,834	21.8	2.51	181
	3-Sep-2020	7.52	2,205	26.3	1.06	157
	3-Jun-2020	7.41	3,651	24.4	2.53	170
	19-Feb-2020	7.13	2,836	22.1	2.03	171
	6-Dec-2019	6.82	1,262	22.4	1.69	255
	21-Aug-2019	6.84	4,602	23.8	3.43	122
	24-May-2019	6.15	4,669	23.5	1.71	282
	7-Mar-2019	6.91	2,609	23.0	1.56	137
	30-Nov-2018	6.80	3,429	22.0	1.34	151
	27-Aug-2018	6.06	4,046	24.1	1.59	217
	4-Jun-2018	6.23	4,601	22.7	1.34	160
	28-Feb-2018	6.61	3,836	22.2	1.67	183
	28-Nov-2017	6.98	3,372	23.0	2.77	193
	23-Aug-2017	6.92	3,070	23.8	4.98	129
	9-Jun-2017	6.57	3,975	23.74	2.73	65.9
	10-Mar-2017	6.72	3,865	22.49	1.01	197.9
	6-Dec-2016	7.20	3,618	21.40	3.70	326.0
	7-Sep-2016	6.93	3,430	24.40	2.41	NM
	6-Jun-2016	6.64	3,142	23.46	2.49	271.9
	29-Feb-2016	6.90	2,888	22.47	2.55	216.2
	23-Nov-2015	7.01	2,837	21.88	2.08	127.2
2-Sep-2015	7.19	3,006	24.32	NM	243.3	
DAD-10	2-Jun-2022	7.43	2,154	21.9	1.59	198
	23-Mar-2022	7.50	2,162	18.7	1.66	191
	8-Dec-2021	7.43	2,174	20.6	1.63	169
	24-Aug-2021	7.80	2,153	23.3	1.57	99
	28-May-2021	7.15	2,167	21.2	1.73	153
	8-Mar-2021	7.73	2,117	21.2	1.59	164
	24-Nov-2020	7.87	2,127	20.5	1.59	149
	3-Sep-2020	7.58	2,192	22.9	1.57	197
	4-Jun-2020	7.29	2,197	22.0	1.63	254
	19-Feb-2020	7.52	2,444	19.0	2.13	175
	2-Dec-2019	6.79	2,077	19.8	1.85	151
	22-Aug-2019	7.18	2,209	21.3	1.86	196
	24-May-2019	6.71	2,160	21.6	2.36	302
	11-Mar-2019	7.34	2,180	20.8	1.09	154
	30-Nov-2018	6.87	2,318	19.8	1.61	175
	27-Aug-2018	7.24	2,206	22.1	1.31	229
	4-Jun-2018	6.72	2,294	20.8	3.39	138
	28-Feb-2018	7.03	2,415	20.7	3.88	167
	28-Nov-2017	7.35	2,497	21.9	2.77	166
	25-Aug-2017	7.08	2,544	22.5	3.14	197
	9-Jun-2017	6.59	2,411	21.96	4.55	222.6
	8-Mar-2017	7.28	2,414	21.94	2.21	213.2
	6-Dec-2016	7.52	2,404	19.76	2.85	260.7
	7-Sep-2016	7.47	2,620	22.70	2.81	NM
	6-Jun-2016	7.07	2,301	22.38	2.17	269.5
	29-Feb-2016	7.28	2,364	21.64	3.63	229.0
	24-Nov-2015	7.37	2,259	21.32	2.13	81.6
3-Sep-2015	7.27	2,421	22.08	NM	241.2	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
DAD-11 Vertical Delineation	25-May-2022	7.20	4,306	21.1	2.87	208
	15-Mar-2022	7.19	4,333	20.7	2.90	153
	30-Nov-2021	7.60	4,320	22.9	2.88	159
	25-Aug-2021	7.74	4,263	25.2	2.60	201
	1-Jun-2021	7.78	4,292	22.5	2.59	148
	1-Mar-2021	7.68	4,058	21.0	2.93	129
	1-Dec-2020	7.18	4,015	20.2	1.52	168
	28-Aug-2020	7.78	4,212	22.5	1.88	-113
	29-May-2020	7.45	4,231	21.8	2.93	148
	26-Feb-2020	7.67	3,989	20.0	0.47	131
	12-Dec-2019	6.59	3,885	21.0	3.05	255
	20-Aug-2019	7.00	4,409	22.4	2.10	129
	28-May-2019	6.69	4,318	21.5	1.44	291
	11-Mar-2019	7.22	3,059	21.4	1.80	171
	3-Dec-2018	6.76	4,309	21.6	1.80	164
	29-Aug-2018	7.07	4,476	23.1	1.75	265
	31-May-2018	6.59	4,493	23.6	3.41	128
	28-Feb-2018	7.59	3,902	23.0	3.28	151
	29-Nov-2017	7.50	2,972	22.5	3.77	180
	29-Aug-2017	7.04	3,868	21.6	1.68	245
	6-Jun-2017	6.62	4,544	22.51	1.94	197.6
	8-Mar-2017	7.11	5,351	22.03	2.60	227.8
	2-Dec-2016	7.26	4,183	22.13	1.53	126.7
	8-Sep-2016	7.18	6,250	22.40	2.26	NM
	8-Jun-2016	6.60	5,892	22.05	1.24	248.7
	29-Feb-2016	7.19	4,518	20.64	5.13	367.9
	24-Nov-2015	7.22	6,105	22.14	1.25	151.2
	1-Sep-2015	6.94	4,712	23.60	NM	246.7
DAD-12 Vertical Delineation	24-May-2022	7.25	4,961	22.0	2.48	252
	3-Mar-2022	7.30	4,962	22.0	2.91	198
	23-Nov-2021	7.20	5,149	21.3	2.47	143
	25-Aug-2021	7.32	5,436	22.4	2.26	171
	1-Jun-2021	7.28	5,446	22.1	2.85	179
	26-Feb-2021	7.74	5,256	20.8	2.15	140
	30-Nov-2020	7.28	5,275	21.0	2.05	150
	27-Aug-2020	7.77	5,466	25.5	2.31	197
	29-May-2020	7.43	5,572	23.3	2.63	165
	26-Feb-2020	7.35	5,306	21.0	0.22	156
	3-Dec-2019	6.55	5,258	20.4	2.80	163
	20-Aug-2019	6.80	5,755	22.8	1.30	198
	28-May-2019	6.24	5,551	22.7	3.20	256
	11-Mar-2019	7.02	3,117	21.5	2.21	168
	3-Dec-2018	6.58	4,898	22.0	2.35	163
	28-Aug-2018	6.93	5,561	22.8	2.03	211
	1-Jun-2018	6.70	5,726	22.9	4.62	148
	27-Feb-2018	7.07	5,851	23.0	5.17	131
	29-Nov-2017	7.07	5,856	22.3	3.03	172
	28-Aug-2017	6.92	5,429	22.6	3.67	191
	12-Jun-2017	7.17	4,221	22.69	3.62	192.5
	8-Mar-2017	6.90	5,893	22.19	1.77	207.6
	5-Dec-2016	6.94	5,930	23.21	0.75	182.5
	8-Sep-2016	7.20	4,610	22.10	1.69	NM
	8-Jun-2016	6.79	4,216	22.18	1.64	249.1
	29-Feb-2016	6.97	4,222	21.11	1.84	257.0
	24-Nov-2015	7.20	4,205	22.34	1.67	106.3



**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
DAD-13	24-May-2022	7.31	3,656	23.7	2.75	168
	3-Mar-2022	7.25	3,880	23.6	2.93	146
	23-Nov-2021	7.36	3,524	23.1	2.65	149
	25-Aug-2021	7.45	3,333	24.5	2.47	173
	1-Sep-2015	6.99	4,285	22.76	NM	261.4
	1-Jun-2021	7.29	3,303	24.6	2.46	151
	1-Mar-2021	7.20	3,200	22.2	2.46	222
	30-Nov-2020	7.05	2,978	21.7	2.32	167
	28-Aug-2020	7.48	3,538	24.4	2.73	219
	29-May-2020	7.50	3,540	25.0	2.61	125
	26-Feb-2020	7.55	3,100	22.7	0.50	128
	3-Dec-2019	6.48	2,966	20.8	4.82	183
	20-Aug-2019	6.86	3,547	24.5	1.91	148
	23-May-2019	6.54	3,281	23.8	1.28	302
	8-Mar-2019	6.73	2,580	22.2	1.68	168
	28-Nov-2018	7.22	3,061	22.8	2.29	149
	27-Aug-2018	6.89	2,838	23.7	2.06	278
	31-May-2018	6.50	4,023	22.7	1.77	132
	27-Feb-2018	6.99	2,522	22.2	3.11	121
	27-Nov-2017	7.00	2,726	23.0	2.24	197
	24-Aug-2017	6.77	3,593	23.4	3.06	236
	12-Jun-2017	7.37	3,773	23.87	4.76	120.9
	8-Mar-2017	6.86	3,350	23.15	1.95	209.7
	5-Dec-2016	7.09	3,429	20.09	5.61	421.1
	8-Sep-2016	6.88	3,620	24.20	2.80	NM
2-Jun-2016	6.77	3,443	23.46	2.60	88.0	
25-Feb-2016	6.91	3,407	22.77	1.49	210.9	
DAD-14	24-May-2022	7.33	4,185	21.6	2.33	168
	15-Mar-2022	7.60	4,159	21.2	NM	NM
	23-Nov-2021	7.68	4,185	21.4	2.79	149
	26-Aug-2021	7.58	4,295	22.7	2.60	142
	24-Nov-2015	7.01	3,306	22.97	1.54	126.5
	1-Sep-2015	7.31	3,595	24.61	NM	226.0
	3-Jun-2021	7.23	4,231	21.2	2.78	223
	2-Mar-2021	7.79	4,158	20.6	2.33	100
	1-Dec-2020	7.43	4,184	20.7	1.33	155
	28-Aug-2020	7.40	4,530	23.8	2.08	62
	29-May-2020	7.32	4,565	22.9	2.43	127
	26-Feb-2020	7.55	4,463	20.5	0.42	109
	3-Dec-2019	6.86	4,601	20.6	2.60	176
	20-Aug-2019	7.24	4,907	22.3	1.24	159
	24-May-2019	6.76	4,954	21.1	2.88	304
	8-Mar-2019	7.14	3,439	21.1	1.70	162
	28-Nov-2018	7.35	5,061	20.7	2.58	165
	29-Aug-2018	7.36	5,042	21.3	2.27	173
	31-May-2018	7.05	5,198	20.6	2.12	136
	26-Feb-2018	7.59	5,296	20.8	4.07	153
	27-Nov-2017	7.49	5,366	21.4	2.19	183
	28-Aug-2017	7.31	5,459	21.8	4.52	215
	6-Jun-2017	6.61	5,433	21.54	2.11	117.6
	8-Mar-2017	7.45	5,547	20.79	2.59	199.2
	2-Dec-2016	7.34	5,493	20.33	1.77	137.5
8-Sep-2016	7.45	5,850	21.60	2.81	NM	
2-Jun-2016	7.20	5,487	20.75	4.09	85.4	
29-Feb-2016	7.47	5,231	20.00	2.60	265.3	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)	
DAD-15	26-May-2022	7.28	3,920	24.6	2.49	194	
	23-Mar-2022	7.27	3,779	23.4	2.78	187	
	2-Dec-2021	7.60	3,712	22.8	2.71	49	
	31-Aug-2021	7.23	3,565	26.2	2.49	182	
	24-Nov-2015	7.56	5,242	21.02	2.60	139.1	
	1-Sep-2015	7.42	5,006	21.43	NM	247.2	
	4-Jun-2021	7.68	3,274	23.7	2.34	80	
	4-Mar-2021	7.62	3,360	23.3	2.34	198	
	4-Dec-2020	7.34	3,354	23.2	2.53	261	
	3-Sep-2020	7.30	3,294	24.7	2.60	186	
	1-Jun-2020	7.34	3,226	24.8	2.45	117	
	26-Feb-2020	7.44	3,030	23.9	0.93	115	
	5-Dec-2019	6.72	3,019	22.0	1.36	187	
	21-Aug-2019	6.80	3,390	25.0	4.24	214	
	24-May-2019	6.60	3,291	23.4	2.28	275	
	8-Mar-2019	7.09	2,723	23.4	1.04	149	
	30-Nov-2018	7.07	2,820	22.0	2.21	176	
	27-Aug-2018	6.94	3,139	25.5	2.44	245	
	1-Jun-2018	6.85	3,070	24.1	2.25	148	
	27-Feb-2018	7.32	3,015	22.1	2.81	113	
	20-Nov-2017	7.11	2,906	23.9	3.36	129	
	28-Aug-2017	7.03	2,890	24.3	2.72	167	
	9-Jun-2017	6.85	2,869	24.42	3.63	23.7	
	13-Mar-2017	6.99	2,829	22.47	3.01	236.5	
	5-Dec-2016	7.06	2,831	22.56	5.56	186.2	
	7-Sep-2016	7.64	2,830	24.10	4.73	NM	
	8-Jun-2016	6.96	2,762	25.21	2.12	223.8	
	29-Feb-2016	7.07	2,738	22.66	4.68	251.2	
	DAD-16	26-May-2022	7.33	3,466	19.5	2.59	175
		16-Mar-2022	7.47	3,326	18.5	2.55	157
1-Dec-2021		7.84	3,338	18.5	2.55	106	
31-Aug-2021		7.58	3,454	20.1	2.63	126	
24-Nov-2015		7.22	2,630	22.17	3.36	171.1	
3-Sep-2015		7.14	2,702	23.39	NM	240.8	
4-Jun-2021		7.70	3,508	18.1	2.67	163	
3-Mar-2021		7.40	3,139	18.9	2.42	133	
2-Dec-2020		7.70	3,310	17.4	2.59	146	
31-Aug-2020		7.40	3,494	20.1	2.61	97	
1-Jun-2020		7.18	3,313	20.5	2.35	115	
25-Feb-2020		7.34	2,946	17.5	0.19	99	
5-Dec-2019		7.04	3,197	18.7	2.36	150	
20-Aug-2019		7.28	3,297	19.6	0.92	164	
23-May-2019		6.70	3,048	18.3	1.88	255	
8-Mar-2019		7.23	2,760	18.5	1.59	155	
29-Nov-2018		7.28	3,446	18.6	1.30	173	
27-Aug-2018		7.21	3,611	19.8	3.17	237	
1-Jun-2018		7.06	3,721	18.4	2.30	156	
27-Feb-2018		7.36	2,897	20.0	1.96	134	
28-Nov-2017		7.70	3,501	19.3	3.21	88	
28-Aug-2017		7.20	4,416	20.0	3.82	184	
6-Jun-2017		6.67	3,672	18.94	2.86	187.6	
8-Mar-2017		7.43	3,679	19.15	2.27	218.1	
2-Dec-2016		7.42	2,551	19.22	2.29	145.9	
7-Sep-2016		7.36	4,590	19.70	2.40	NM	
6-Jun-2016		6.99	2,448	18.73	2.45	229.3	
29-Feb-2016		7.33	3,106	18.49	2.60	204.9	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)	
DAD-17	31-May-2022	7.25	1,450	20.5	1.05	172	
	17-Mar-2022	7.41	1,345	20.1	1.16	154	
	6-Dec-2021	7.18	1,232	19.7	1.05	168	
	2-Sep-2021	7.20	1,941	22.2	1.06	102	
	30-Nov-2015	7.34	3,424	18.55	2.81	229.8	
	2-Sep-2015	7.35	2,861	20.26	NM	251.4	
	7-Jun-2021	7.77	1,510	20.9	1.07	93	
	4-Mar-2021	7.75	988.7	19.7	1.05	128	
	2-Dec-2020	7.74	919.0	20.1	1.12	156	
	2-Sep-2020	7.29	1,711	22.2	1.09	238	
	2-Jun-2020	7.30	1,207	20.3	1.11	200	
	25-Feb-2020	7.55	1,121	17.8	0.73	145	
	5-Dec-2019	7.09	856.9	21.5	5.21	162	
	21-Aug-2019	7.40	1,196	20.5	2.29	180	
	23-May-2019	7.01	971.4	19.9	2.38	264	
	8-Mar-2019	7.37	1,031	19.4	1.17	138	
	29-Nov-2018	6.88	918.1	20.6	1.06	127	
	24-Aug-2018	7.40	880.4	21.6	3.70	98	
	31-May-2018	7.39	935.7	19.7	2.66	56	
	27-Feb-2018	7.48	863.4	20.3	2.04	113	
	28-Nov-2017	7.71	992.4	21.8	3.51	105	
	25-Aug-2017	7.58	1,146	21.0	2.58	185	
	7-Jun-2007	7.15	1,051	20.05	2.27	82.6	
	13-Mar-2017	7.41	1,145	15.36	2.18	226.5	
	5-Dec-2016	7.42	1,225	20.94	1.09	173.9	
	8-Sep-2016	7.40	1,640	20.80	1.68	NM	
	6-Jun-2016	6.90	1,729	19.60	1.72	270.2	
	1-Mar-2016	7.56	1,550	19.74	1.54	216.9	
	DAD-18 Vertical Delineation	31-May-2022	7.28	3,973	18.5	2.39	84
		18-Mar-2022	7.23	3,896	17.1	2.99	185
6-Dec-2021		7.72	3,919	17.6	2.84	63	
2-Sep-2021		7.41	4,016	19.4	2.37	140	
30-Nov-2015		7.46	1,621	19.06	2.78	226.0	
2-Sep-2015		7.35	2,099	20.55	NM	252.1	
7-Jun-2021		7.32	4,121	20.0	1.93	232	
4-Mar-2021		7.86	4,111	17.7	2.21	151	
3-Dec-2020		7.21	4,082	18.0	2.41	181	
2-Sep-2020		7.41	4,258	19.6	1.74	182	
2-Jun-2020		7.44	4,289	20.4	2.96	187	
25-Feb-2020		7.68	4,070	17.3	1.01	189	
5-Dec-2019		6.74	3,955	18.2	3.58	173	
20-Aug-2019		6.95	4,150	18.8	1.53	157	
28-May-2019		6.61	3,984	18.8	2.08	293	
11-Mar-2019		6.74	2,771	18.0	1.66	177	
29-Nov-2018		7.78	4,066	18.5	1.59	152	
28-Aug-2018		6.91	4,090	19.2	2.46	213	
4-Jun-2018		6.44	4,253	19.0	2.49	150	
28-Feb-2018		6.94	4,289	18.2	2.64	170	
29-Nov-2017		7.31	4,233	17.9	3.03	202	
29-Aug-2017		6.91	4,326	19.2	2.21	260	
12-Jun-2017		7.20	3,957	19.58	4.32	72.8	
8-Mar-2017		7.19	4,011	18.81	1.41	232.4	
5-Dec-2016		7.14	3,914	18.32	2.52	191.4	
9-Sep-2016		7.17	4,290	20.70	1.62	NM	
6-Jun-2016		6.95	3,722	19.15	4.73	273.2	
1-Mar-2016		7.40	3,852	18.76	4.26	329.2	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)	
DAD-19 Vertical Delineation	27-May-2022	7.24	4,655	23.1	1.55	203	
	17-Mar-2022	7.20	4,570	21.7	2.66	188	
	2-Dec-2021	7.53	4,603	23.8	2.67	170	
	1-Sep-2021	7.68	4,673	24.1	2.59	167	
	30-Nov-2015	7.23	3,781	18.11	2.89	239.5	
	2-Sep-2015	7.24	4,009	19.26	NM	252.9	
	4-Jun-2021	7.51	4,389	22.1	2.94	200	
	3-Mar-2021	7.53	4,229	24.3	2.40	129	
	4-Dec-2020	7.17	4,463	22.1	2.19	271	
	3-Sep-2020	7.62	4,546	22.8	1.33	256	
	2-Jun-2020	7.62	4,591	23.6	4.42	187	
	25-Feb-2020	7.36	4,395	18.6	0.60	108	
	4-Dec-2019	6.98	4,506	20.1	3.98	112	
	20-Aug-2019	6.77	4,907	23.0	1.64	129	
	28-May-2019	6.23	4,731	23.3	1.33	274	
	11-Mar-2019	6.78	2,565	21.1	1.28	179	
	30-Nov-2018	6.71	4,376	21.8	1.88	191	
	28-Aug-2018	7.00	4,489	22.5	1.94	186	
	4-Jun-2018	6.36	4,800	23.0	2.06	112	
	28-Feb-2018	6.71	4,742	21.5	2.85	155	
	29-Nov-2017	6.90	4,728	21.7	3.08	192	
	29-Aug-2017	6.83	4,634	22.4	2.02	225	
	12-Jun-2017	7.19	4,383	22.64	4.21	-29.7	
	13-Mar-2017	6.92	4,644	21.94	1.82	320.8	
	6-Dec-2016	7.34	4,573	22.75	1.80	213.7	
	9-Sep-2016	7.08	4,610	23.60	1.84	NM	
	8-Jun-2016	6.75	4,410	22.74	1.85	247.1	
	1-Mar-2016	7.10	4,729	21.91	1.98	290.9	
	DAD-20	2-Jun-2022	7.28	4,104	23.3	1.55	207
		23-Mar-2022	7.29	4,107	21.7	2.78	195
8-Dec-2021		7.28	3,960	22.0	2.30	169	
7-Sep-2021		7.47	3,863	22.8	2.34	142	
30-Nov-2015		7.13	4,730	21.08	3.07	248.2	
2-Sep-2015		7.09	4,900	24.03	NM	238.0	
28-May-2021		7.58	3,954	24.1	2.90	101	
8-Mar-2021		7.87	3,808	22.7	2.82	107	
7-Dec-2020		7.53	3,895	21.5	2.90	208	
8-Sep-2020		7.40	4,452	24.2	1.79	229	
4-Jun-2020		7.11	4,211	24.6	2.39	295	
19-Feb-2020		7.39	3,626	21.8	1.95	151	
2-Dec-2019		6.78	3,752	22.0	2.02	141	
21-Aug-2019		7.03	3,721	23.3	5.51	113	
28-May-2019		6.60	3,838	22.5	1.24	285	
7-Mar-2019		7.11	2,571	22.1	1.20	143	
30-Nov-2018		7.11	3,569	20.2	1.04	174	
28-Aug-2018		7.08	3,829	23.4	1.28	235	
1-Jun-2018		6.79	3,904	23.2	1.62	145	
28-Feb-2018		7.05	3,888	21.7	1.36	186	
28-Nov-2017		7.33	3,726	22.5	5.04	198	
24-Aug-2017		7.14	3,711	23.3	4.53	63	
7-Jun-2017		6.92	3,446	22.41	2.76	175.9	
10-Mar-2017		7.24	3,557	22.46	2.75	235.1	
5-Dec-2016		7.19	3,719	22.19	6.05	176.2	
7-Sep-2016		7.46	3,880	23.40	6.29	NM	
6-Jun-2016		7.02	3,499	22.51	5.70	271.7	
1-Mar-2016		7.42	3,517	21.55	5.29	308.0	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
DAD-21	1-Jun-2022	7.18	4,350	23.3	2.35	170
	22-Mar-2022	7.40	4,255	21.1	2.33	180
	7-Dec-2021	7.30	4,303	22.1	2.43	111
	3-Sep-2021	7.18	4,587	23.1	2.85	160
	28-May-2021	7.31	5,019	22.3	2.98	120
	8-Mar-2021	7.15	4,798	21.6	2.90	251
	7-Dec-2020	7.19	4,736	20.8	2.94	218
	3-Sep-2020	7.40	5,055	24.3	1.77	185
	3-Jun-2020	7.38	5,089	23.4	2.36	179
	19-Feb-2020	7.12	4,493	20.3	2.64	162
	6-Dec-2019	6.42	4,622	21.5	2.43	188
	21-Aug-2019	6.92	4,608	23.4	2.80	141
	24-May-2019	6.34	4,382	22.4	1.30	284
	7-Mar-2019	6.84	2,700	21.4	1.20	144
	30-Nov-2018	7.07	3,601	20.4	1.53	148
	27-Aug-2018	6.77	4,447	23.3	1.74	216
	4-Jun-2018	6.45	4,615	21.8	2.42	164
	28-Feb-2018	7.04	4,649	19.9	2.21	191
	28-Nov-2017	7.09	4,340	21.8	2.68	192
	23-Aug-2017	6.87	3,914	23.4	3.37	150
	9-Jun-2017	6.65	3,822	22.21	2.96	133.2
	10-Mar-2017	6.97	4,354	20.41	2.52	191.6
	6-Dec-2016	7.33	3,969	19.88	6.24	489.8
	7-Sep-2016	6.94	4,920	22.90	2.70	NM
6-Jun-2016	6.66	3,931	22.03	3.98	271.5	
29-Feb-2016	7.00	3,327	21.97	3.68	227.5	
DAD-22	2-Jun-2022	7.17	3,692	23.2	2.84	193
	23-Mar-2022	7.14	3,708	22.4	2.83	196
	8-Dec-2021	7.17	3,712	22.0	2.86	165
	3-Sep-2021	7.54	3,673	25.5	2.11	155
	23-Nov-2015	7.17	3,174	21.19	4.52	122.1
	2-Sep-2015	7.17	3,349	23.03	NM	225.0
	28-May-2021	7.51	3,694	24.2	2.80	142
	8-Mar-2021	7.49	3,621	23.6	2.75	153
	7-Dec-2020	7.52	3,608	21.9	2.80	214
	8-Sep-2020	7.30	5,963	23.1	1.58	204
	3-Jun-2020	7.34	3,810	24.6	2.83	184
	19-Feb-2020	7.54	3,581	22.6	2.14	137
	6-Dec-2019	7.11	3,432	22.1	4.25	137
	21-Aug-2019	7.27	3,752	25.2	2.98	179
	24-May-2019	6.54	3,012	24.1	1.87	274
	7-Mar-2019	7.18	2,879	23.4	2.20	137
	30-Nov-2018	7.64	2,839	21.1	1.98	149
	24-Aug-2018	7.43	3,692	24.7	2.84	133
	1-Jun-2018	7.37	3,831	25.9	1.88	137
	27-Feb-2018	7.31	3,856	22.9	1.70	150
	28-Nov-2017	7.91	3,847	23.6	3.84	191
	23-Aug-2017	7.26	3,812	25.5	3.24	141
	7-Jun-2017	7.12	4,114	27.32	4.63	91.5
	7-Mar-2017	7.70	3,915	22.36	2.29	202.1
5-Dec-2016	7.36	3,808	22.17	4.75	170.5	
6-Sep-2016	7.68	4,060	2.39	3.72	NM	
8-Jun-2016	6.98	3,907	24.86	4.36	230.3	
25-Feb-2016	7.12	3,802	22.15	3.71	192.0	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
DAD-23	25-May-2022	7.30	3,473	23.2	1.79	188
	15-Mar-2022	7.52	3,691	22.2	1.98	138
	1-Dec-2021	7.20	3,175	21.9	1.80	172
	26-Aug-2021	7.88	3,510	23.6	1.71	106
	23-Nov-2015	7.28	2,913	22.16	3.95	126.0
	2-Sep-2015	7.65	4,065	25.17	NM	207.8
	3-Jun-2021	7.37	3,377	23.0	1.58	141
	2-Mar-2021	7.90	3,336	22.4	1.67	122
	1-Dec-2020	7.68	2,113	22.2	1.60	144
	28-Aug-2020	7.57	2,081	24.8	1.54	62
	1-Jun-2020	7.34	2,386	22.6	1.75	161
	26-Feb-2020	7.62	2,043	21.4	0.61	119
	6-Dec-2019	7.34	2,911	21.4	3.70	165
	19-Aug-2019	7.45	2,614	24.2	2.91	103
	24-May-2019	7.03	2,511	22.9	2.71	293
	8-Mar-2019	7.42	2,973	22.5	1.23	164
	28-Nov-2018	7.93	3,168	21.9	1.79	146
	27-Aug-2018	7.54	2,388	23.8	1.23	248
	31-May-2018	7.04	3,050	23.4	3.04	118
	26-Feb-2018	7.82	3,046	22.0	2.21	144
	29-Nov-2017	7.66	3,178	22.6	2.88	179
	24-Aug-2017	7.37	3,565	23.4	2.59	209
	7-Jun-2017	7.29	3,380	23.87	4.96	64.9
	7-Mar-2017	7.55	3,433	21.99	2.54	181.5
5-Dec-2016	7.65	2,354	22.16	2.64	197.4	
7-Sep-2016	7.40	3,580	23.10	2.52	NM	
DAD-24 Vertical Delineation	27-May-2022	7.29	4,135	24.5	1.36	167
	17-Mar-2022	7.24	4,044	22.1	2.63	194
	2-Dec-2021	7.25	4,054	21.8	1.27	116
	1-Sep-2021	7.23	4,050	23.1	2.93	142
	2-Jun-2016	7.54	2,308	23.32	1.64	62.0
	29-Feb-2016	7.60	2,402	22.54	1.10	126.8
	4-Jun-2021	7.12	4,060	22.4	1.29	178
	3-Mar-2021	7.40	4,011	22.3	2.54	116
	4-Dec-2020	7.09	3,944	22.2	1.01	217
	2-Sep-2020	7.74	4,135	24.8	2.09	188
	2-Jun-2020	7.63	4,205	24.3	2.89	191
	25-Feb-2020	7.00	3,770	20.3	0.39	114
	4-Dec-2019	6.47	3,881	21.5	4.21	96
	20-Aug-2019	6.58	4,077	23.4	1.89	114
	28-May-2019	6.42	3,978	22.7	1.71	275
	11-Mar-2019	6.80	2,533	21.2	1.44	153
	30-Nov-2018	6.70	3,797	21.4	1.30	175
	31-Aug-2018	6.60	3,978	22.5	1.29	118
	4-Jun-2018	6.32	4,011	24.3	3.56	106
	28-Feb-2018	6.66	4,091	21.6	3.31	179
	29-Nov-2017	6.64	4,114	21.5	3.11	175
	29-Aug-2007	6.61	4,199	22.7	1.60	224
	12-Jun-2017	6.92	4,221	24.28	2.78	226.3
	13-Mar-2017	6.70	4,248	22.44	1.35	220.8
6-Dec-2016	7.00	4,221	23.71	0.30	-261.3	
9-Sep-2016	7.13	2,860	23.20	1.28	NM	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
DAD-25	1-Jun-2022	7.25	2,251	22.4	1.72	190
	18-Mar-2022	7.61	1,297	22.4	1.02	163
	7-Dec-2021	7.76	1,467	21.2	1.13	101
	3-Sep-2021	7.45	1,221	24.1	1.00	94
	8-Jun-2016	6.97	2,634	22.98	1.86	244.7
	1-Mar-2016	7.20	2,507	22.26	1.89	237.4
	7-Jun-2021	7.19	3,460	23.9	2.84	204
	4-Mar-2021	7.66	3,289	22.1	2.52	132
	3-Dec-2020	7.57	3,204	20.8	2.54	208
	2-Sep-2020	7.33	3,150	25.0	2.32	208
	2-Jun-2020	7.10	3,119	24.8	2.42	165
	26-Feb-2020	7.55	2,840	21.4	0.87	105
	6-Dec-2019	6.67	2,755	20.9	1.84	231
	22-Aug-2019	7.15	2,712	25.0	3.42	262
	28-May-2019	6.79	2,547	22.3	2.47	296
	11-Mar-2019	7.09	2,207	21.3	2.17	142
	29-Nov-2018	7.34	2,521	21.7	1.93	127
	28-Aug-2018	7.53	2,425	22.9	2.41	189
	4-Jun-2018	6.87	2,393	22.5	3.17	125
	27-Feb-2018	7.09	2,300	22.9	3.28	146
	27-Nov-2017	7.51	2,256	22.3	3.29	157
	25-Aug-2017	7.12	2,706	23.0	3.64	232
	8-Jun-2017	6.73	2,663	23.04	4.82	54.7
10-Mar-2017	7.12	4,093	22.57	3.34	247.5	
2-Dec-2016	6.98	4,949	21.57	3.02	131.3	
8-Sep-2016	7.17	5,560	23.10	3.32	NM	

**TABLE 2. SUMMARY OF MONITORING WELL GROUNDWATER FIELD PARAMETERS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Measured	pH	SpC (uS/cm)	Temp (°C)	DO (mg/L)	ORP (mV)
DAD-26	2-Jun-2022	7.24	3,000	23.3	2.24	205
	23-Mar-2022	7.25	2,906	22.3	2.19	193
	8-Dec-2021	7.11	2,587	22.3	1.95	156
	7-Sep-2021	7.18	2,918	23.7	2.14	115
	6-Jun-2016	6.79	3,918	22.59	3.04	268.3
	1-Mar-2016	7.11	5,434	22.49	2.12	297.6
	28-May-2021	7.75	3,390	24.3	2.54	132
	8-Mar-2021	7.59	3,733	23.0	2.90	128
	7-Dec-2020	7.23	3,040	21.8	2.32	245
	8-Sep-2020	7.39	3,558	23.8	2.56	197
	3-Jun-2020	7.75	3,725	23.8	2.79	174
	19-Feb-2020	7.49	2,189	23.0	2.00	191
	6-Dec-2019	7.13	1,659	23.7	4.13	158
	21-Aug-2019	6.92	3,715	24.3	1.17	210
	28-May-2019	6.37	3,735	22.7	2.60	285
	7-Mar-2019	6.71	2,631	22.5	1.44	155
	30-Nov-2018	7.02	3,233	18.3	1.17	160
	28-Aug-2018	7.30	4,386	23.4	1.16	224
	4-Jun-2018	6.31	4,516	22.9	2.84	161
	28-Feb-2018	6.72	4,910	22.1	3.37	187
	28-Nov-2017	6.97	5,006	22.7	2.93	200
	28-Aug-2017	6.71	5,160	23.0	3.12	205
	9-Jun-2017	6.59	5,039	23.4	3.02	37.3
	10-Mar-2017	6.81	5,283	22.37	2.65	310.3
	6-Dec-2016	7.25	5,006	21.07	3.01	285.3
	8-Sep-2016	7.16	4,880	23.60	2.40	NM
6-Jun-2016	6.70	4,273	23.39	1.77	270.3	
1-Mar-2016	7.30	3,959	21.09	1.36	245.7	

NOTES:  
 \* = Well contains a pump; as a result, DO and ORP values are not representative of aquifer conditions.  
 °C = Degrees celsius  
 DO = Dissolved oxygen  
 mg/L = Milligrams per liter  
 mV = Millivolts  
 NM = Not measured  
 NS = Not sampled  
 ORP = Oxidation-reduction potential  
 SpC = Specific conductance  
 Temp = Temperature  
 uS/cm = Microsiemens per centimeter  
 Data from current quarter.  
 Red text indicates suspect result.



**TABLE 3. SUMMARY OF SAMPLE ANALYTICAL METHODS AND SAMPLING REQUIREMENTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Target Analytes	Analytical Method	Sample Container	Preservative	Holding Time
Nitrate as N	EPA 300.0	500 mL HDPE	Cool to <6°C	48 hours
Nitrate + Nitrite as N	EPA 300.0	500 mL HDPE	H <sub>2</sub> SO <sub>4</sub> to pH <2, Cool to <6°C	28 days
Total Kjeldhal Nitrogen	SM 4500 NORG C	500 mL HDPE	H <sub>2</sub> SO <sub>4</sub> to pH <2, Cool to <6°C	28 days
Chloride	EPA 300.0	500 mL HDPE	Cool to <6°C	28 days
Total Dissolved Solids	SM 2540 C MOD	500 mL HDPE	Cool to <6°C	7 days
<p>NOTES:            °C = Degrees Celsius            EPA = U.S. Environmental Protection Agency            H<sub>2</sub>SO<sub>4</sub> = Sulfuric acid            HDPE = High-density polyethylene            mL = milliliter            MOD = Modified            N = Nitrogen            SM = Standard method</p>				

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
<b>Abatement Plan Monitoring Wells</b>						
<b>Northern Portion</b>						
DAD-01	24-May-22	16	<2.0	370	1,530	NA
	3-Mar-22	20	<5.0	420	1,750	NA
	23-Nov-21	18	<2.0	380	819	NA
	25-Aug-21	20	<5.0	350	1,520	NA
	1-Jun-21	19	<2.0	340	1,510	NA
	1-Mar-21	18	<2.0	410	1,660	NA
	30-Nov-20	16	<2.0	430	1,640	NA
	27-Aug-20	16	<2.0	310	1,390	NA
	29-May-20	15	<5.0	310	1,420	NA
	21-Feb-20	13	<1.0	420	1,740	NA
	3-Dec-19	12	<2.0	360	1,500	NA
	19-Aug-19	12	<2.0	290	1,520	NA
	22-May-19	13	<2.0	300	1,420	NA
	5-Mar-19	11	<2.0	350	1,690	NA
	28-Nov-18	12	<2.0	320	1,430	NA
	24-Aug-18	15	<2.0	280	1,350	NA
	31-May-18	15	<2.0	250	1,310	NA
	26-Feb-18	9.5	<1.0	350	1,520	NA
	20-Nov-17	9.46	<0.300	400	1,500	NA
	24-Aug-17	10.4	<0.0500	396	1,560	NA
	8-Jun-17	17.0	<0.100	354	1,600	NA
	7-Mar-17	7.90	<0.300	438	1,620	NA
	30-Nov-16	5.19	<0.300	482	1,690	NA
	6-Sep-16	5.35	<0.937	502	1,580	NA
	2-Jun-16	3.27	<2.24	457	1,730	NA
	25-Feb-16	2.70	7.28	512	1,770	NA
	23-Nov-15	4.17	<1.18	491	1,680	NA
	1-Sep-15	8.52	2.10	420	1,600	NA
	27-May-15	10.9	<1.18	418	1,640	NA
	4-Mar-15	4.70	<1.80	459	1,910	NA
	3-Dec-14	6.53	<1.80	468	1,780	NA
	29-Aug-14	8.28	<1.80	425	1,830	NA
	3-Jun-14	6.13	<1.80	491	2,020	NA
	10-Mar-14	5.76	<1.66	496	1,780	NA
	11-Dec-13	7.61	3.50	471	1,760	NA
	10-Sep-13	4.43	2.80	472	1,920	NA
	16-May-13	10.4	<1.66	408	1,930	NA
	28-Feb-13	10.0	<1.72	469	1,740	NA
	3-Dec-12	10.7	<1.72	348	1,800	NA
	21-Aug-12	9.98	<1.72	373	1,640	NA
	9-May-12	6.88	2.80	401	1,660	NA
31-Jan-12	9.90	2.52	439	1,520	NA	
27-Oct-11	9.56	3.50	436	1,840	256	
20-Jul-11	12.0	2.38	426	1,650	NA	
20-Apr-11	10.3	<2.17	460	1,710	NA	
24-Jan-11	19.8	3.50	408	1,820	NA	
16-Sep-10	7.56	<10.0	439	1,800	NA	
29-Jun-10	8.55	<1.0	491	2,120	NA	
21-Mar-10	6.3	<5.0	500	1,780	NA	
9-Dec-09	7.5	1.5	550	2,010	NA	
NMED Split	9-Dec-09	7.3	2.8	468	356	264
	29-Aug-09	7.3	<5.0	540	1,970	NA
	12-May-09	5.6	<1.0	540	1,800	NA

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-02	25-May-22	9.5	<1.0	310	1,280	NA
	16-Mar-22	8.8	<1.0	300	1,230	NA
	30-Nov-21	9.0	<1.0	270	1,140	NA
	26-Aug-21	8.8	<1.0	250	1,090	NA
	3-Jun-21	8.7	<1.0	230	1,070	NA
	2-Mar-21	9.4	<1.0	240	1,110	NA
	1-Dec-20	9.0	<1.0	250	1,090	NA
	28-Aug-20	8.1	<1.0	250	1,110	NA
	29-May-20	8.5	<2.0	230	1,070	NA
	21-Feb-20	8.9	<1.0	250	1,240	NA
	4-Dec-19	8.9	<2.0	260	1,180	NA
	19-Aug-19	8.3	<1.0	270	1,140	NA
	22-May-19	7.8	<1.0	280	1,220	NA
	5-Mar-19	7.6	<1.0	290	1,350	NA
	28-Nov-18	10	<2.0	350	1,410	NA
	24-Aug-18	11	<2.0	390	1,440	NA
	31-May-18	9.4	<1.0	430	1,570	NA
	26-Feb-18	10	<2.0	490	1,640	NA
	20-Nov-17	11.7	<0.300	534	1,500	NA
	24-Aug-17	11.4	<0.0500	479	1,580	NA
	8-Jun-17	11.3	<0.100	473	1,570	NA
	7-Mar-17	11.5	<0.300	522	1,650	NA
	30-Nov-16	10.1	<0.300	506	1,610	NA
	6-Sep-16	9.10	<0.937	500	1,460	NA
	2-Jun-16	9.45	<2.24	467	1,470	NA
	25-Feb-16	10.7	5.60	520	1,480	NA
	23-Nov-15	10.3	<1.18	493	1,600	NA
	31-Aug-15	10.3	3.50	511	1,760	NA
	27-May-15	10.6	<1.18	465	1,540	NA
	4-Mar-15	9.15	<1.80	440	1,560	NA
	3-Dec-14	8.47	<1.80	542	1,710	NA
	29-Aug-14	7.05	<1.80	451	1,690	NA
	3-Jun-14	5.18	<1.80	506	1,640	NA
	10-Mar-14	7.75	<1.66	463	1,620	NA
	11-Dec-13	7.91	2.80	443	1,540	NA
	9-Sep-13	7.14	<1.66	337	1,900	NA
	16-May-13	9.19	<1.66	393	1,750	NA
	1-Mar-13	8.52	<1.72	357	1,520	NA
	3-Dec-12	8.51	<1.72	345	1,800	NA
	21-Aug-12	4.39	2.10	301	1,570	NA
9-May-12	7.71	<1.72	373	1,830	NA	
31-Jan-12	7.66	<2.17	335	1,720	NA	
27-Oct-11	8.30	2.52	380	1,360	475	
20-Jul-11	7.66	<2.17	374	1,750	NA	
21-Apr-11	7.97	<2.17	434	1,760	NA	
24-Jan-11	6.38	2.80	443	2,240	NA	
16-Sep-10	3.44	<10.0	385	1,790	NA	
29-Jun-10	8.11	<0.5	364	1,870	NA	
21-Mar-10	8.1	<1.0	420	1,970	NA	
9-Dec-09	9.0	<1.0	440	1,920	NA	
NMED Split	9-Dec-09	9	0.39	388	1,970	586
	29-Aug-09	9.9	<2.0	490	1,890	NA
	14-May-09	7.4	<5.0	350	1,700	NA

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-11 Vertical Delineation (formerly 177-03)	25-May-22	12	<2.0	680	2,830	NA
	15-Mar-22	11	<2.0	640	2,850	NA
	30-Nov-21	12	<2.0	640	2,780	NA
	25-Aug-21	12	<2.0	650	2,790	NA
	1-Jun-21	12	2.5	640	2,810	NA
	1-Mar-21	13	<2.0	620	2,730	NA
	1-Dec-20	13	<2.0	630	2,700	NA
	28-Aug-20	11	<2.0	610	2,670	NA
	26-Feb-20	12	<2.0	670	2,690	NA
	12-Dec-19	13	<2.0	610	2,670	NA
	20-Aug-19	13	<2.0	690	2,820	NA
	28-May-19	13	<2.0	690	2,840	NA
	11-Mar-19	13	<2.0	670	2,740	NA
	3-Dec-18	13	<2.0	710	2,840	NA
	29-Aug-18	16	<2.0	730	2,960	NA
	31-May-18	14	<2.0	690	2,930	NA
	26-Feb-18	10	<2.0	590	2,450	NA
	29-Nov-17	3.80	<0.0500	447	1,660	NA
	29-Aug-17	11.5	<0.0500	550	2,350	NA
	6-Jun-17	12.3	0.564	821	3,030	NA
	8-Mar-17	14.0	0.627	983	3,420	NA
	5-Dec-16	7.40	<0.300	691	2,680	NA
	8-Sep-16	15.4	<0.937	1,200	3,960	NA
	8-Jun-16	14.3	<2.24	1,060	4,040	NA
	29-Feb-16	13.5	<1.18	1,060	3,040	NA
	24-Nov-15	17.1	8.40	1,320	4,030	NA
	1-Sep-15	12.4	<1.18	981	3,120	NA
	29-May-15	13.9	<1.18	990	3,070	NA
	5-Mar-15	19.7	<1.80	1,220	3,960	NA
	5-Dec-14	19.9	<1.80	1,230	3,870	NA
	3-Sep-14	11.1	<1.80	717	2,950	NA
	6-Jun-14	1.31	4.90	477	1,860	NA
	17-Mar-14	12.0	<1.66	890	3,230	NA
	16-Dec-13	15.0	2.10	1,170	3,790	NA
	9-Sep-13	13.6	2.80	1,080	3,560	NA
	29-May-13	15.7	<1.66	1,110	3,600	NA
	1-Mar-13	14.6	<1.72	1,190	3,600	NA
	3-Dec-12	13.4	<1.72	1,210	3,870	NA
	21-Aug-12	8.71	<1.72	818	3,020	NA
	14-May-12	0.791	<1.72	359	1,550	NA
1-Feb-12	2.38	<2.17	456	1,700	NA	
27-Oct-11	<0.500	<2.17	434	1,290	215	
2-Aug-11	<0.500	<2.17	427	1,490	NA	
5-May-11	<0.500	<2.17	398	1,360	NA	
25-Jan-11	4.60	<2.05	386	1,500	NA	
21-Sep-10	3.21	<10.0	369	1,520	NA	
29-Jun-10	1.6	<1.0	430	1,610	NA	
28-Apr-10	1.5	<1.0	450	1,600	NA	
20-Jan-10	1.4	<1.0	460	1,600	NA	
21-Oct-09	1.0	<1.0	430	1,600	NA	
7-Jul-09	0.80	<1.0	470	1,500	NA	
6-May-09	0.97	3.5	450	1,600	NA	
22-Jan-09	1.00	<1.0	370	1,600	NA	

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-12 Vertical Delineation	24-May-22	11	<2.0	900	3,230	NA
	3-Mar-22	12	<2.0	950	3,240	NA
	23-Nov-21	12	<2.0	870	3,420	NA
	25-Aug-21	13	<2.0	1,100	3,550	NA
	1-Jun-21	12	<2.0	1,100	3,550	NA
	1-Mar-21	13	<2.0	1,100	3,520	NA
	30-Nov-20	14	<2.0	1,200	3,590	NA
	27-Aug-20	13	2.5	1,100	3,510	NA
	29-May-20	15	1.1	1,100	3,590	NA
	26-Feb-20	15	<2.0	1,200	3,660	NA
	3-Dec-19	20	<5.0	480	1,960	NA
	20-Aug-19	15	<2.0	1,200	3,700	NA
	28-May-19	15	<2.0	1,200	3,690	NA
	11-Mar-19	18	<2.0	1,100	3,630	NA
	3-Dec-18	17	<2.0	1,100	3,650	NA
	28-Aug-18	20	<2.0	1,100	3,710	NA
	1-Jun-18	21	<5.0	1,200	3,740	NA
	27-Feb-18	21	<5.0	1,200	3,820	NA
	29-Nov-17	19.3	<0.0500	1,200	3,430	NA
	28-Aug-17	25.6	<0.0500	1,070	3,580	NA
	12-Jun-17	21.0	<0.100	975	3,330	NA
	8-Mar-17	25.7	<0.0501	1,200	3,690	NA
	5-Dec-16	20.7	<0.300	1,180	3,760	NA
	8-Sep-16	19.2	<0.937	805	2,960	NA
	8-Jun-16	18.2	<2.24	889	2,900	NA
	29-Feb-16	20.7	<1.18	809	2,980	NA
	24-Nov-15	19.8	<1.18	735	2,860	NA
	1-Sep-15	19.8	<1.18	759	2,950	NA
	29-May-15	14.6	<1.18	705	2,860	NA
	6-Mar-15	19.0	<1.80	625	2,860	NA
	4-Dec-14	19.0	<1.80	620	2,760	NA
	3-Sep-14	18.6	<1.80	588	2,700	NA
	9-Jun-14	19.3	<1.80	603	2,750	NA
	17-Mar-14	20.5	<1.66	621	2,890	NA
13-Dec-13	18.5	2.10	638	2,840	NA	
10-Sep-13	18.1	2.80	557	2,950	NA	
29-May-13	18.2	<1.66	686	3,130	NA	
28-Feb-13	22.8	<1.72	688	2,820	NA	
3-Dec-12	16.4	<1.72	689	3,070	NA	
21-Aug-12	17.8	2.10	620	2,990	NA	
14-May-12	23.1	<1.72	561	2,870	NA	
1-Feb-12	20.8	<2.17	614	2,670	NA	
7-Dec-11	18.8	<2.17	597	2,620	616	

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-13	24-May-22	13	<2.0	580	2,250	NA
	3-Mar-22	9.0	<1.0	740	2,500	NA
	23-Nov-21	8.3	<1.0	550	2,240	NA
	25-Aug-21	8.1	<1.0	520	2,180	NA
	1-Jun-21	11	<2.0	500	2,110	NA
	1-Mar-21	15	<2.0	530	2,110	NA
	30-Nov-20	17	<2.0	460	1,920	NA
	28-Aug-20	13	<2.0	600	2,210	NA
	29-May-20	13	<2.0	550	2,130	NA
	26-Feb-20	14	<2.0	580	1,960	NA
	3-Dec-19	16	<2.0	1,100	3,640	NA
	20-Aug-19	11	<2.0	640	2,170	NA
	24-May-19	12	<2.0	590	2,130	NA
	8-Mar-19	10	<1.0	570	2,000	NA
	28-Nov-18	6.6	<1.0	470	1,910	NA
	27-Aug-18	12	<2.0	450	1,800	NA
	31-May-18	16	<2.0	710	2,550	NA
	27-Feb-18	27	<5.0	360	1,740	NA
	27-Nov-17	21.5	<0.0500	418	1,850	NA
	24-Aug-17	16.0	<0.0500	619	2,280	NA
	12-Jun-17	16.0	<0.100	701	2,520	NA
	8-Mar-17	14.0	<0.0501	523	2,020	NA
	5-Dec-16	9.54	<0.300	622	2,240	NA
	8-Sep-16	10.9	<0.937	673	2,300	NA
	2-Jun-16	10.5	<2.24	676	2,310	NA
	25-Feb-16	11.0	<1.18	702	2,200	NA
	24-Nov-15	9.98	<1.18	642	2,280	NA
	1-Sep-15	9.82	<1.18	611	2,300	NA
	29-May-15	11.8	<1.18	666	2,280	NA
	6-Mar-15	6.72	<1.80	553	2,120	NA
	4-Dec-14	9.14	<1.80	581	2,160	NA
	2-Sep-14	6.51	<1.80	386	1,960	NA
	9-Jun-14	5.82	<1.80	507	2,000	NA
17-Mar-14	6.59	<3.32	528	1,960	NA	
13-Dec-13	5.83	<1.66	546	1,940	NA	
9-Sep-13	3.42	2.80	524	1,800	NA	
29-May-13	5.00	<1.66	550	2,020	NA	
28-Feb-13	5.63	<1.72	582	1,970	NA	
3-Dec-12	5.04	<1.72	504	1,810	NA	
21-Aug-12	3.51	<1.72	420	1,900	NA	
10-May-12	8.66	<1.72	514	2,010	NA	
1-Feb-12	7.59	<2.17	537	1,960	NA	
27-Oct-11	7.51	2.52	536	3,700	321	

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-14	24-May-22	18	<2.0	610	2,750	NA
	15-Mar-22	17	<2.0	620	2,670	NA
	23-Nov-21	17	<2.0	590	2,830	NA
	26-Aug-21	16	2.8	630	2,600	NA
	3-Jun-21	15	<2.0	640	2,720	NA
	2-Mar-21	17	<2.0	660	2,640	NA
	1-Dec-20	17	<2.0	660	2,770	NA
	28-Aug-20	18	<2.0	690	2,880	NA
	29-May-20	19	<2.0	720	2,980	NA
	26-Feb-20	20	<2.0	820	3,020	NA
	3-Dec-19	20	<5.0	730	3,060	NA
	20-Aug-19	21	<5.0	820	3,140	NA
	24-May-19	22	<5.0	860	3,260	NA
	8-Mar-19	22	<5.0	830	3,310	NA
	28-Nov-18	21	<5.0	840	3,240	NA
	29-Aug-18	22	<5.0	890	3,180	NA
	31-May-18	21	<5.0	860	3,350	NA
	26-Feb-18	24	<5.0	910	3,210	NA
	27-Nov-17	25.5	0.494	1,010	3,270	NA
	28-Aug-17	28.5	<0.0500	1,010	3,170	NA
	6-Jun-17	32.7	<0.0500	1,060	3,750	NA
	8-Mar-17	39.1	0.0694	1,090	3,780	NA
	2-Dec-16	39.0	<0.300	1,140	3,750	NA
	8-Sep-16	44.5	<0.937	1,170	3,700	NA
	2-Jun-16	40.9	<2.24	1,280	3,700	NA
	29-Feb-16	40.2	<1.18	1,280	3,540	NA
	24-Nov-15	33.9	<1.18	1,220	3,550	NA
	1-Sep-15	32.1	<1.18	1,110	3,260	NA
	29-May-15	32.7	<1.18	1,030	3,320	NA
	5-Mar-15	30.2	<1.80	949	3,280	NA
	4-Dec-14	30.3	<1.80	933	3,200	NA
	2-Sep-14	26.7	2.10	878	3,240	NA
	6-Jun-14	29.6	<1.80	943	3,340	NA
17-Mar-14	41.3	<1.66	1,040	3,620	NA	
13-Dec-13	31.9	<1.66	929	3,160	NA	
9-Sep-13	29.2	3.50	1,010	3,590	NA	
29-May-13	34.6	<1.66	1,030	3,520	NA	
1-Mar-13	42.0	16.8	1,130	3,730	NA	
3-Dec-12	40.3	<1.72	1,150	4,010	NA	
21-Aug-12	33.2	<1.72	919	3,340	NA	
14-May-12	28.8	<1.72	881	3,280	NA	
1-Feb-12	20.3	<2.17	861	2,880	NA	
27-Oct-11	17.2	2.80	835	1,780	447	

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-23	25-May-22	19	<2.0	400	1,700	NA
	15-Mar-22	15	<2.0	620	2,550	NA
	1-Dec-21	16	<2.0	640	2,670	NA
	26-Aug-21	15	<2.0	300	1,420	NA
	3-Jun-21	15	<2.0	540	2,320	NA
	2-Mar-21	15	<2.0	460	2,310	NA
	1-Dec-20	20	<2.0	480	1,890	NA
	28-Aug-20	19	<2.0	280	1,440	NA
	1-Jun-20	21	150	520	1,960	NA
	26-Feb-20	22	<5.0	350	1,570	NA
	6-Dec-19	18	<2.0	540	2,410	NA
	19-Aug-19	17	<2.0	540	2,220	NA
	24-May-19	19	<2.0	390	1,960	NA
	8-Mar-19	17	<2.0	540	2,260	NA
	28-Nov-18	18	<2.0	500	2,090	NA
	27-Aug-18	21	<2.0	580	2,350	NA
	31-May-18	19	<2.0	670	2,500	NA
	26-Feb-18	16	<2.0	490	1,890	NA
	29-Nov-17	18.2	<0.0500	763	2,050	NA
	24-Aug-17	19.5	<0.0500	676	2,500	NA
	7-Jun-17	14.9	<0.100	580	2,300	NA
	7-Mar-17	12.0	<0.300	577	2,230	NA
	5-Dec-16	5.57	<0.300	566	1,940	NA
7-Sep-16	1.86	<0.937	462	1,720	NA	
2-Jun-16	1.10	<2.24	636	2,260	NA	
29-Feb-16	<0.305	<1.18	421	1,680	NA	
21-Dec-15	6.11	<1.18	450	1,860	NA	
<b>NMWQCC Standard</b>		<b>10</b>	<b>NA</b>	<b>250</b>	<b>1,000</b>	<b>600</b>
<b>Existing Conditions - August 2020</b>		<b>NA</b>	<b>NA</b>	<b>1,800</b>	<b>1,598</b>	<b>NA</b>
<b>Existing Conditions - Pre-August 2020*</b>		<b>NA</b>	<b>NA</b>	<b>1,015</b>	<b>3,178</b>	<b>NA</b>



**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)	
<b>Central Portion</b>							
DAD-03	26-May-22	<1.0	<2.0	330	2,330	NA	
	16-Mar-22	<1.0	<1.0	330	2,070	NA	
	1-Dec-21	<1.0	<1.0	340	1,920	NA	
	26-Aug-21	<1.0	2.8	410	1,980	NA	
	3-Jun-21	<1.0	<1.0	310	1,660	NA	
	2-Mar-21	<1.0	<2.0	290	1,560	NA	
	1-Dec-20	<1.0	<1.0	270	1,530	NA	
	31-Aug-20	<1.0	<1.0	300	1,620	NA	
	1-Jun-20	<1.0	4.5	300	1,530	NA	
	21-Feb-20	<1.0	<5.0	300	2,090	NA	
	4-Dec-19	<1.0	<2.0	320	1,880	NA	
	19-Aug-19	<1.0	2.5	330	2,140	NA	
	22-May-19	<1.0	3.6	390	2,050	NA	
	5-Mar-19	<1.0	3.1	330	2,180	NA	
	28-Nov-18	<1.0	2.5	320	2,110	NA	
	24-Aug-18	<1.0	<2.0	350	2,520	NA	
	31-May-18	<1.0	<5.0	370	1,930	NA	
	26-Feb-18	<1.0	<2.0	360	2,220	NA	
	20-Nov-17	0.2220	0.498	446	2,060	NA	
	24-Aug-17	0.0823	<0.0500	440	2,240	NA	
	8-Jun-17	0.150	2.67	454	2,110	NA	
	7-Mar-17	0.251	3.09	589	2,570	NA	
	30-Nov-16	0.874	4.29	647	2,820	NA	
	6-Sep-16	<0.305	<0.937	289	2,520	NA	
	2-Jun-16	<0.305	<2.24	540	2,410	NA	
	25-Feb-16	<0.305	3.92	558	2,340	NA	
	23-Nov-15	<0.194	<1.18	603	2,440	NA	
	1-Sep-15	<0.194	1.40	702	2,720	NA	
	27-May-15	<0.0470	<1.18	738	2,620	NA	
	4-Mar-15	<0.0470	<1.80	609	2,630	NA	
	3-Dec-14	<0.126	<1.80	569	2,560	NA	
	29-Aug-14	<0.126	<1.80	686	2,890	NA	
	9-Jun-14	<0.187	<1.80	838	3,410	NA	
	10-Mar-14	0.906	<1.66	917	3,480	NA	
	11-Dec-13	<0.213	<1.66	932	3,180	NA	
	10-Sep-13	Not Sampled - insufficient water to sample					
	16-May-13	1.07	<1.66	1,400	4,420	NA	
	1-Mar-13	0.721	<1.72	1,220	3,720	NA	
	3-Dec-12	1.1	<1.72	1,150	4,760	NA	
	21-Aug-12	<0.0290	2.80	1,090	3,920	NA	
9-May-12	<0.114	2.66	1,200	4,160	NA		
31-Jan-12	<0.500	4.34	1,340	4,350	NA		
26-Oct-11	<0.500	3.22	1,790	5,420	1,100		
20-Jul-11	<1.00	3.22	1,630	4,720	NA		
21-Apr-11	<0.500	<2.17	1,870	5,600	NA		
24-Jan-11	<0.00955	4.20	1,590	4,660	NA		
16-Sep-10	0.217	<10.0	1,370	4,320	NA		
29-Jun-10	<0.5	6.18	1,570	5,150	NA		
21-Mar-10	<10	<1.0	2,200	5,620	NA		
9-Dec-09	<10	<5.0	2,100	5,590	NA		
NMED Split	9-Dec-09	<0.1	0.88	1,570	5,300	1,160	
	29-Aug-09	<0.10	<5.0	1,400	4,420	NA	
	12-May-09	<10	<5.0	1,200	5,000	NA	

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-04	26-May-22	1.1	1.3	150	1,340	NA
	16-Mar-22	2.3	1.3	500	2,510	NA
	1-Dec-21	2.1	1.1	470	2,190	NA
	31-Aug-21	7.5	1.4	450	2,390	NA
	3-Jun-21	5.0	1.4	380	2,300	NA
	2-Mar-21	1.4	1.1	340	2,270	NA
	2-Dec-20	4.4	1.3	310	2,120	NA
	31-Aug-20	<1.0	1.3	330	2,000	NA
	1-Jun-20	<1.0	8.8	320	1,940	NA
	21-Feb-20	<1.0	<1.0	320	1,950	NA
	4-Dec-19	<1.0	<1.0	330	2,020	NA
	19-Aug-19	<1.0	<1.0	320	1,770	NA
	23-May-19	<1.0	<2.0	330	1,720	NA
	5-Mar-19	<1.0	<1.0	340	1,820	NA
	28-Nov-18	<1.0	<1.0	350	1,770	NA
	24-Aug-18	<1.0	<1.0	300	1,700	NA
	31-May-18	<1.0	<1.0	280	1,710	NA
	26-Feb-18	<1.0	<1.0	230	1,520	NA
	20-Nov-17	0.314	0.734	32.3	900	NA
	24-Aug-17	0.109	<0.0500	380	1,920	NA
	8-Jun-17	0.133	0.956	349	1,800	NA
	7-Mar-17	0.257	0.632	317	1,760	NA
	2-Dec-16	1.46	1.41	343	2,040	NA
	6-Sep-16	<0.305	<0.937	497	1,830	NA
	2-Jun-16	0.633	<2.24	547	2,060	NA
	25-Feb-16	<0.305	<1.18	434	1,730	NA
	23-Nov-15	0.0853	6.16	443	1,690	NA
	1-Sep-15	<0.194	2.10	561	2,320	NA
	27-May-15	0.176	<1.18	475	1,820	NA
	4-Mar-15	0.819	<1.80	195	1,280	NA
	3-Dec-14	1.65	<1.80	185	1,260	NA
	29-Aug-14	<0.126	<1.80	483	2,060	NA
	3-Jun-14	0.988	3.50	740	2,810	NA
	10-Mar-14	1.01	<1.66	694	2,600	NA
	11-Dec-13	1.69	<1.66	604	2,400	NA
	5-Sep-13	0.827	9.10	544	2,710	NA
	16-May-13	<0.0420	<1.66	613	2,320	NA
	1-Mar-13	2.12	<1.72	510	2,090	NA
	5-Dec-12	2.740	<1.72	545	2,430	NA
	21-Aug-12	<0.0290	<1.72	496	2,620	NA
9-May-12	0.305	<1.72	502	1,970	NA	
31-Jan-12	2.05	<2.17	493	2,320	NA	
26-Oct-11	<0.500	2.80	590	2,950	380	
20-Jul-11	<0.500	<2.17	670	2,540	NA	
20-Apr-11	<0.500	<2.17	584	2,570	NA	
24-Jan-11	<0.00955	2.66	608	2,400	NA	
16-Sep-10	<0.100	<10.0	683	2,560	NA	
29-Jun-10	<0.5	1.4	570	2,330	NA	
21-Mar-10	<2.0	<2.0	620	2,460	NA	
9-Dec-09	<2.0	1.7	810	2,720	NA	
NMED Split	9-Dec-09	<0.1	1.2	659	2,630	373
	29-Aug-09	<2.0	<5.0	690	2,690	NA
	13-May-09	<2.0	<5.0	690	2,700	NA

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-05	31-May-22	<1.0	15	300	1,610	NA
	17-Mar-22	<1.0	18	310	1,840	NA
	6-Dec-21	<1.0	22	400	1,950	NA
	2-Sep-21	14	14	410	2,370	NA
	7-Jun-21	<1.0	<1.0	370	1,890	NA
	4-Mar-21	<1.0	<1.0	310	1,630	NA
	2-Dec-20	<1.0	<1.0	290	1,660	NA
	31-Aug-20	1.6	<1.0	220	1,370	NA
	1-Jun-20	<1.0	18	290	1,550	NA
	21-Feb-20	<1.0	<1.0	390	2,030	NA
	5-Dec-19	<1.0	<1.0	260	1,550	NA
	22-Aug-19	<1.0	1.3	400	1,930	NA
	23-May-19	1.9	1.3	460	2,190	NA
	5-Mar-19	2.0	1.3	370	2,260	NA
	29-Nov-18	2.2	<2.0	570	2,570	NA
	24-Aug-18	<1.0	1.5	650	2,820	NA
	31-May-18	<1.0	1.1	720	2,750	NA
	26-Feb-18	<1.0	1.30	660	2,720	NA
	27-Nov-17	2.31	1.51	721	2,720	NA
	25-Aug-17	8.77	<0.0500	459	1,970	NA
	8-Jun-17	1.56	1.13	722	2,850	NA
	7-Mar-17	8.37	1.04	434	2,150	NA
	2-Dec-16	2.70	2.02	653	2,840	NA
	6-Sep-16	5.00	<0.937	614	2,480	NA
	2-Jun-16	5.26	<2.24	611	2,710	NA
	25-Feb-16	9.43	<1.18	654	2,660	NA
	23-Nov-15	<0.194	2.80	493	2,100	NA
	1-Sep-15	2.15	1.40	388	2,100	NA
	27-May-15	4.48	<1.18	436	2,180	NA
	4-Mar-15	10.5	<1.80	564	2,400	NA
	3-Dec-14	2.55	<1.80	273	1,300	NA
	29-Aug-14	1.87	<1.80	230	1,200	NA
	3-Jun-14	2.20	<1.80	497	2,000	NA
	10-Mar-14	4.81	<1.66	312	1,510	NA
	12-Dec-13	0.898	2.80	72.9	695	NA
	5-Sep-13	2.16	4.90	120	870	NA
	29-May-13	2.44	<1.66	582	2,580	NA
	5-Mar-13	<0.246	<1.72	519	2,100	NA
	5-Dec-12	3.350	<1.72	690	2,930	NA
	22-Aug-12	<0.0290	<1.72	544	2,260	NA
	9-May-12	0.908	2.10	566	2,380	NA
1-Feb-12	<0.500	<2.17	558	2,020	NA	
26-Oct-11	<0.500	2.66	647	900	377	
20-Jul-11	<0.500	5.04	599	2,460	NA	
20-Apr-11	<0.500	<2.17	430	1,810	NA	
20-Jan-11	0.128	2.10	477	1,870	NA	
16-Sep-10	<2.50	<10.0	536	2,220	NA	
29-Jun-10	< 0.5	1.1	627	2,550	NA	
21-Mar-10	<2.0	<1.0	630	2,340	NA	
9-Dec-09	<2.0	1.3	710	2,420	NA	
NMED Split	9-Dec-09	<0.1	0.95	563	2,290	362
	29-Aug-09	<2.0	<2.0	630	2,310	NA
	13-May-09	<2.0	<5.0	640	2,700	NA
Duplicate	13-May-09	<10	1.6	618	2,260	NA

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-06	27-May-22					Dry
	9-Feb-22					Dry
	1-Dec-21					Dry
	31-Aug-21					Dry
	4-Jun-21					Dry
	3-Mar-21					Dry
	1-Dec-20					Dry
	31-Aug-20					Dry
	1-Jun-20					Dry
	9-Mar-20					Dry
	4-Dec-19					Dry
	12-Aug-19					Dry
	28-May-19					Dry
	14-Mar-19					Dry
	4-Dec-18					Dry
	31-Aug-18					Dry
	4-Jun-18					Dry
	28-Feb-18					Dry
	28-Nov-17					Dry
	28-Aug-17					Dry
	12-Jun-17					Dry
	13-Mar-17					Dry
	6-Dec-16					Dry
	8-Sep-16					Dry
	6-Jun-16					Dry
	25-Feb-16					Dry
	23-Nov-15					Dry
	1-Sep-15					Dry
	28-May-15					Dry
	4-Mar-15					Dry
	4-Dec-14					Dry
	12-Aug-14					Dry
	13-May-14					Dry
10-Mar-14					Dry	
11-Dec-13					Dry	
5-Sep-13					Dry	
30-May-13	6.07	<1.66	508	1,690	NA	
4-Mar-13	7.66	<1.72	496	1,510	NA	
5-Dec-12	8.25	<1.72	439	1,610	NA	
21-Aug-12	9.11	2.10	347	1,530	NA	
9-May-12	11.0	<1.72	375	1,570	NA	
31-Jan-12	13.6	<2.17	382	1,510	NA	
27-Oct-11	9.20	<2.17	322	1,060	228	
20-Jul-11	18.0	3.64	358	1,370	NA	
21-Apr-11	18.0	<2.17	349	1,330	NA	
24-Jan-11	12.2	2.10	360	1,270	NA	
16-Sep-10	9.20	<10.0	359	1,370	NA	
29-Jun-10	11.6	<2.0	365	1,460	NA	
21-Mar-10	10	<2.0	390	1,390	NA	
9-Dec-09	10	<1.0	380	1,380	NA	
NMED Split	9-Dec-09	8.6	0.36	354	1,440	262
	29-Aug-09	8.2	<5.0	390	1,260	NA
	14-May-09	11	<5.0	350	1,300	NA
Duplicate	14-May-09	8.17	0.4	338	1,250	NA

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-07	1-Jun-22	17	<2.0	410	2,000	NA
	22-Mar-22	18	<2.0	480	2,160	NA
	7-Dec-21	18	<2.0	500	2,200	NA
	1-Sep-21	18	<1.0	600	2,310	NA
	4-Jun-21	18	<2.0	630	2,340	NA
	3-Mar-21	17	<2.0	630	2,420	NA
	4-Dec-20	17	<2.0	650	2,550	NA
	3-Sep-20	16	<2.0	740	2,520	NA
	3-Jun-20	15	<2.0	570	2,310	NA
	25-Feb-20	14	<2.0	570	2,190	NA
	5-Dec-19	13	<2.0	520	2,140	NA
	21-Aug-19	13	<2.0	560	2,190	NA
	24-May-19	12	<2.0	540	2,140	NA
	8-Mar-19	12	<2.0	530	2,050	NA
	29-Nov-18	11	<2.0	500	1,980	NA
	27-Aug-18	12	<2.0	500	2,060	NA
	1-Jun-18	12	<2.0	540	2,260	NA
	27-Feb-18	12	<2.0	740	2,530	NA
	28-Nov-17	12.3	<0.0500	701	2,160	NA
	28-Aug-17	11.2	<0.0500	576	2,040	NA
	6-Jun-17	7.69	<0.0500	529	2,030	NA
	10-Mar-17	6.07	<0.0501	480	1,800	NA
	5-Dec-16	4.97	<0.300	467	1,820	NA
	7-Sep-16	5.50	<0.937	583	1,940	NA
	8-Jun-16	4.87	<2.24	526	1,820	NA
	1-Mar-16	5.27	<1.18	609	2,020	NA
	30-Nov-15	6.82	<1.18	638	2,020	NA
	1-Sep-15	7.45	<1.18	649	2,060	NA
	28-May-15	5.83	<1.18	619	1,960	NA
	5-Mar-15	5.34	<1.80	554	2,060	NA
	3-Dec-14	6.85	<1.80	607	2,180	NA
	2-Sep-14	7.48	<1.80	589	2,150	NA
	12-Jun-14	5.44	<1.80	540	2,020	NA
	11-Mar-14	4.84	2.10	512	1,980	NA
	11-Dec-13	7.94	<1.66	700	2,270	NA
	5-Sep-13	7.01	3.50	650	2,380	NA
	24-May-13	8.42	<1.66	720	2,570	NA
	5-Mar-13	8.15	<1.72	724	2,740	NA
	5-Dec-12	8.03	<1.72	718	2,610	NA
	22-Aug-12	6.88	<1.72	671	2,540	NA
	9-May-12	3.81	<1.72	588	2,150	NA
	31-Jan-12	5.40	<2.17	610	1,640	NA
	26-Oct-11	5.22	2.24	591	750	426
20-Jul-11	4.67	2.80	554	1,880	NA	
20-Apr-11	4.14	<2.17	525	1,780	NA	
19-Jan-11	0.410	<2.05	518	1,740	NA	
16-Sep-10	<2.50	<10.0	637	1,990	NA	
29-Jun-10	5.17	<0.5	569	2,060	NA	
21-Mar-10	5.1	<1.0	640	1,970	NA	
9-Dec-09	5.4	<1.0	620	1,900	NA	
NMED Split	9-Dec-09	5.2	<0.1	536	1,870	403
	29-Aug-09	4.4	<5.0	610	1,780	NA
	14-May-09	4.6	<1.0	530	1,800	NA

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-08	31-May-22	47	<5.0	1,800	4,700	NA
	18-Mar-22	44	<5.0	1,600	4,520	NA
	6-Dec-21	46	<5.0	1,700	4,490	NA
	2-Sep-21	46	<5.0	1,900	4,580	NA
	7-Jun-21	50	<5.0	2,000	5,040	NA
	3-Mar-21	45	<5.0	1,800	4,880	NA
	3-Dec-20	42	<5.0	1,800	4,660	NA
	2-Sep-20	42	<5.0	1,800	4,770	NA
	2-Jun-20	43	<5.0	1,800	5,070	NA
	21-Feb-20	40	<5.0	1,800	4,930	NA
	4-Dec-19	43	<1.0	1,800	4,920	NA
	19-Aug-19	39	<5.0	1,800	5,270	NA
	23-May-19	47	<5.0	1,800	5,540	NA
	5-Mar-19	42	<5.0	1,900	5,460	NA
	29-Nov-18	40	<5.0	1,800	4,760	NA
	24-Aug-18	47	<5.0	2,000	5,680	NA
	31-May-18	43	<5.0	1,900	5,400	NA
	26-Feb-18	51	<5.0	1,700	4,710	NA
	27-Nov-17	32.9	0.717	1,580	4,290	NA
	25-Aug-17	32.8	<0.0500	1,450	6,480	NA
	8-Jun-17	37.9	<0.100	1,670	5,140	NA
	7-Mar-17	44.8	<0.300	1,860	5,420	NA
	2-Dec-16	45.9	<0.300	1,990	5,800	NA
	6-Sep-16	44.4	<0.937	1,950	5,940	NA
	2-Jun-16	52.9	<2.24	1,960	5,840	NA
	25-Feb-16	51.2	5.60	1,990	5,740	NA
	23-Nov-15	66.1	<1.18	2,070	5,980	NA
	1-Sep-15	65.3	<1.18	2,050	6,160	NA
	28-May-15	63.0	<1.18	2,050	5,840	NA
	5-Mar-15	48.6	<1.80	1,670	5,740	NA
	3-Dec-14	48.1	<1.80	1,700	5,930	NA
	2-Sep-14	39.5	<1.80	1,700	5,220	NA
	4-Jun-14	55.8	2.10	2,210	5,840	NA
	11-Mar-14	71.7	<1.66	2,450	6,400	NA
	12-Dec-13	70.7	2.80	2,500	6,780	NA
	5-Sep-13	74.9	2.80	2,440	7,440	NA
	24-May-13	71.5	<1.66	2,140	6,740	NA
	4-Mar-13	90.0	<1.72	2,280	7,060	NA
	5-Dec-12	40.2	<1.72	2,270	5,980	NA
	22-Aug-12	32.2	<1.72	2,430	7,220	NA
	9-May-12	2.39	<1.72	1,150	3,260	NA
31-Jan-12	2.69	<2.17	1,250	2,990	NA	
26-Oct-11	2.80	<2.17	1,260	2,500	471	
20-Jul-11	3.36	3.78	1,320	3,060	NA	
20-Apr-11	4.33	<2.17	1,300	3,280	NA	
19-Jan-11	<0.239	2.10	1,240	2,600	NA	
17-Sep-10	<2.50	<10.0	1,370	3,230	NA	
29-Jun-10	2.53	<1.0	1,290	5,950	NA	
21-Mar-10	<4.0	<1.0	1,300	3,270	NA	
9-Dec-09	<4.0	<1.0	1,400	3,290	NA	
NMED Split	9-Dec-09	3.1	0.26	1,400	3,070	509
	29-Aug-09	<4.0	<2.0	1,500	3,180	NA
	14-May-09	3.0	<5.0	1,300	3,600	NA

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-15	26-May-22	20	<5.0	770	2,510	NA
	23-Mar-22	22	<5.0	640	2,590	NA
	2-Dec-21	20	<5.0	700	2,470	NA
	31-Aug-21	17	<2.0	640	2,230	NA
	4-Jun-21	12	<2.0	760	2,280	NA
	4-Mar-21	18	<2.0	650	2,310	NA
	4-Dec-20	17	<2.0	590	2,230	NA
	3-Sep-20	14	<2.0	600	2,210	NA
	1-Jun-20	11	<2.0	600	2,060	NA
	26-Feb-20	11	<2.0	610	2,010	NA
	5-Dec-19	9.8	1.4	520	2,010	NA
	21-Aug-19	13	<1.0	610	2,180	NA
	24-May-19	9.9	<2.0	580	2,160	NA
	8-Mar-19	7.5	<1.0	540	1,970	NA
	30-Nov-18	6.2	<1.0	530	1,840	NA
	27-Aug-18	8.9	<1.0	530	2,080	NA
	1-Jun-18	7.1	<1.0	520	1,960	NA
	27-Feb-18	7.4	<1.0	550	1,970	NA
	20-Nov-17	6.98	<0.300	578	1,710	NA
	28-Aug-17	4.60	<0.0500	502	1,670	NA
	9-Jun-17	6.07	<0.100	532	1,870	NA
	13-Mar-17	5.74	<0.0501	526	1,860	NA
	5-Dec-16	5.12	<0.300	496	1,660	NA
	7-Sep-16	4.21	<0.937	506	1,780	NA
	8-Jun-16	4.41	<2.24	466	1,680	NA
	29-Feb-16	4.30	3.36	536	1,720	NA
	24-Nov-15	5.06	<1.18	538	1,720	NA
	1-Sep-15	4.20	<1.18	501	1,760	NA
	29-May-15	5.43	<1.18	536	1,940	NA
	6-Mar-15	5.08	<1.80	491	1,780	NA
	4-Dec-14	5.79	<1.80	508	1,730	NA
	2-Sep-14	5.97	<1.80	489	1,620	NA
6-Jun-14	6.09	<1.80	510	1,750	NA	
2-Jan-14	4.72	2.10	497	1,780	NA	
10-Sep-13	7.56	3.50	356	1,740	NA	
29-May-13	5.29	<1.66	504	1,970	NA	
4-Mar-13	5.10	<1.72	515	1,800	NA	
4-Dec-12	4.710	<1.72	484	1,810	256	
20-Aug-12	2.370	35.00	351	1,330	256	

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-16	26-May-22	<1.0	<1.0	530	2,180	NA
	16-Mar-22	<1.0	<1.0	490	2,100	NA
	1-Dec-21	<1.0	<1.0	540	2,160	NA
	31-Aug-21	<1.0	<1.0	530	2,170	NA
	4-Jun-21	<1.0	<1.0	560	2,250	NA
	3-Mar-21	<1.0	<1.0	430	2,030	NA
	2-Dec-20	<1.0	<1.0	500	2,170	NA
	31-Aug-20	<1.0	<1.0	520	2,200	NA
	1-Jun-20	<1.0	3.1	520	2,080	NA
	25-Feb-20	<1.0	<1.0	400	1,950	NA
	5-Dec-19	<1.0	<1.0	470	2,130	NA
	20-Aug-19	<1.0	<2.0	480	2,100	NA
	23-May-19	<1.0	<2.0	420	2,010	NA
	8-Mar-19	<1.0	<1.0	450	1,990	NA
	29-Nov-18	<1.0	<1.0	520	2,200	NA
	27-Aug-18	<1.0	<1.0	550	2,410	NA
	1-Jun-18	<1.0	<1.0	620	2,440	NA
	27-Feb-18	0.51	<1.0	390	1,780	NA
	28-Nov-17	0.246	0.963	583	2,120	NA
	28-Aug-17	1.18	0.304	723	2,450	NA
	6-Jun-17	0.656	1.11	666	2,710	NA
	8-Mar-17	0.993	0.804	649	2,690	NA
	2-Dec-16	1.76	3.14	342	1,900	NA
	7-Sep-16	1.56	<0.937	821	3,000	NA
	6-Jun-16	1.02	<2.24	423	2,070	NA
	29-Feb-16	0.327	6.72	629	2,440	NA
	30-Nov-15	1.25	<1.18	611	2,520	NA
	2-Sep-15	2.72	1.40	424	1,970	NA
	29-May-15	3.30	1.40	431	2,060	NA
	5-Mar-15	1.04	<1.80	683	2,650	NA
	4-Dec-14	2.79	<1.80	679	2,220	NA
	2-Sep-14	2.44	<1.80	579	2,300	NA
	3-Jun-14	1.49	2.10	569	2,260	NA
10-Mar-14	1.65	<1.66	573	2,100	NA	
12-Dec-13	1.28	2.10	561	2,210	NA	
9-Sep-13	0.832	4.20	538	2,260	NA	
29-May-13	1.68	<1.66	501	2,200	NA	
5-Mar-13	2.55	<1.72	674	2,670	NA	
5-Dec-12	2.420	<1.72	529	2,280	NA	
22-Aug-12	<0.0290	<1.72	472	2,000	NA	
14-May-12	0.147	<1.72	378	2,080	NA	
1-Feb-12	<0.500	<2.17	438	1,960	NA	
27-Oct-11	<0.500	3.36	410	1,520	408	



**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-17	31-May-22	<1.0	<1.0	190	936	NA
	17-Mar-22	2.7	<1.0	170	985	NA
	6-Dec-21	1.2	<1.0	190	844	NA
	2-Sep-21	2.6	<1.0	130	742	NA
	7-Jun-21	4.0	<1.0	180	972	NA
	4-Mar-21	1.3	<1.0	96	634	NA
	2-Dec-20	<1.0	<1.0	92	604	NA
	2-Sep-20	1.8	<1.0	73	586	NA
	2-Jun-20	1.7	<1.0	86	698	NA
	25-Feb-20	<1.0	<1.0	71	554	NA
	5-Dec-19	1.5	<1.0	65	582	NA
	21-Aug-19	4.9	<1.0	120	785	NA
	23-May-19	1.3	<2.0	74	650	NA
	8-Mar-19	2.4	<1.0	89	638	NA
	29-Nov-18	<1.0	<1.0	70	624	NA
	24-Aug-18	2.0	<1.0	56	580	NA
	31-May-18	1.2	<1.0	60	620	NA
	27-Feb-18	0.62	<1.0	54	572	NA
	28-Nov-17	3.17	0.169	65.4	690	NA
	25-Aug-17	10.3	<0.0500	454	1,740	NA
	7-Jun-17	0.939	0.234	84.2	970	NA
	13-Mar-17	0.509	0.352	103	885	NA
	5-Dec-16	1.46	0.370	126	755	NA
	8-Sep-16	1.89	<0.937	169	1,100	NA
	6-Jun-16	0.626	<2.24	240	1,440	NA
	1-Mar-16	<0.0610	<1.18	183	1,260	NA
	30-Nov-15	<0.0387	<1.18	373	1,550	NA
	2-Sep-15	<0.0387	<1.18	270	1,460	NA
	28-May-15	0.486	<1.18	199	1,560	NA
	5-Mar-15	0.797	<1.80	348	1,660	NA
	5-Dec-14	6.87	<1.80	451	1,820	NA
	3-Sep-14	2.48	<1.80	442	1,920	NA
	3-Jun-14	1.03	<1.80	525	2,600	NA
	11-Mar-14	3.27	<3.32	440	1,820	NA
12-Dec-13	2.45	2.80	412	1,640	NA	
9-Sep-13	0.370	2.10	451	2,340	NA	
24-May-13	0.827	<1.66	317	1,400	NA	
5-Mar-13	2.06	<1.72	351	1,550	NA	
5-Dec-12	2.28	<1.72	230	1,260	NA	
22-Aug-12	<0.0290	<1.72	189	930	NA	
10-May-12	<0.114	<1.72	353	1,580	NA	
1-Feb-12	<0.500	3.36	113	714	NA	
26-Oct-11	<0.500	3.50	175	724	186	

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-18 Vertical Delineation	31-May-22	7.7	<1.0	690	2,580	NA
	18-Mar-22	6.3	1.1	590	2,530	NA
	6-Dec-21	7.0	<1.0	640	2,510	NA
	2-Sep-21	7.4	<1.0	640	2,580	NA
	7-Jun-21	7.4	<1.0	670	2,700	NA
	4-Mar-21	7.9	<1.0	690	2,660	NA
	3-Dec-20	8.5	<1.0	720	2,730	NA
	2-Sep-20	8.0	<1.0	690	2,740	NA
	2-Jun-20	8.1	<1.0	670	2,760	NA
	25-Feb-20	9.3	<1.0	660	2,690	NA
	5-Dec-19	8.7	<1.0	570	2,620	NA
	20-Aug-19	10	<2.0	650	2,640	NA
	28-May-19	9.5	<2.0	650	2,620	NA
	11-Mar-19	9.4	<2.0	620	2,600	NA
	29-Nov-18	10	<2.0	680	2,650	NA
	28-Aug-18	12	<2.0	630	2,720	NA
	4-Jun-18	12	<2.0	720	2,740	NA
	28-Feb-18	15	<2.0	560	2,750	NA
	29-Nov-17	10.6	0.840	684	2,520	NA
	29-Aug-17	13.6	0.475	620	2,570	NA
	12-Jun-17	10.4	0.652	710	2,760	NA
	8-Mar-17	9.07	0.242	684	2,750	NA
	5-Dec-16	7.88	0.713	684	2,730	NA
	9-Sep-16	6.85	<0.937	688	2,650	NA
	6-Jun-16	8.04	<2.24	671	2,830	NA
	1-Mar-16	8.55	<1.18	918	2,860	NA
	30-Nov-15	8.19	1.68	923	2,760	NA
	2-Sep-15	8.47	3.50	741	2,960	NA
	28-May-15	9.86	1.40	825	2,940	NA
	5-Mar-15	10.0	<1.80	736	2,930	NA
	5-Dec-14	19.3	<1.80	623	2,780	NA
	3-Sep-14	12.1	<1.80	713	2,960	NA
3-Jun-14	13.2	<1.80	749	2,760	NA	
11-Mar-14	12.8	<1.66	739	2,880	NA	
12-Dec-13	11.8	2.10	719	2,840	NA	
9-Sep-13	10.9	2.80	697	3,040	NA	
29-May-13	11.9	<1.66	734	3,020	NA	
5-Mar-13	11.2	<1.72	712	2,700	NA	
5-Dec-12	10.10	<1.72	643	2,690	NA	
22-Aug-12	9.03	4.62	642	2,790	NA	
10-May-12	9.11	<1.72	558	2,700	NA	
1-Feb-12	9.62	<2.17	629	2,470	NA	
7-Dec-11	9.21	<2.17	639	2,670	495	

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-19 Vertical Delineation	27-May-22	34	<5.0	1,000	2,960	NA
	17-Mar-22	27	<5.0	980	2,960	NA
	2-Dec-21	36	<5.0	970	3,050	NA
	1-Sep-21	36	<5.0	1,000	3,060	NA
	4-Jun-21	35	<5.0	1,000	2,960	NA
	3-Mar-21	29	<5.0	940	2,810	NA
	4-Dec-20	33	<2.0	920	2,970	NA
	3-Sep-20	30	<5.0	970	2,920	NA
	2-Jun-20	28	<5.0	930	2,890	NA
	25-Feb-20	33	<5.0	940	3,020	NA
	4-Dec-19	35	<1.0	1,000	3,110	NA
	20-Aug-19	46	<5.0	1,000	3,170	NA
	28-May-19	41	<5.0	1,000	3,090	NA
	11-Mar-19	34	<5.0	970	2,920	NA
	30-Nov-18	35	<5.0	990	2,960	NA
	28-Aug-18	24	<5.0	960	2,950	NA
	4-Jun-18	39	<5.0	980	3,070	NA
	28-Feb-18	33	<5.0	890	3,040	NA
	29-Nov-17	25.3	<0.0500	1,040	2,750	NA
	29-Aug-17	30.7	<0.0500	864	2,770	NA
	12-Jun-17	20.7	<0.100	928	2,790	NA
	13-Mar-17	30.7	<0.0501	970	2,870	NA
	6-Dec-16	22.5	<0.300	944	3,420	NA
	9-Sep-16	25.2	<0.937	418	2,910	NA
	8-Jun-16	24.5	<2.24	1,830	2,920	NA
	1-Mar-16	36.3	<1.18	1,060	3,200	NA
	30-Nov-15	41.2	<1.18	1,050	3,260	NA
	2-Sep-15	36.9	<1.18	1,000	3,260	NA
	28-May-15	43.6	<1.18	994	3,240	NA
	6-Mar-15	46.2	<1.80	966	3,160	NA
	5-Dec-14	10.7	<1.80	782	2,670	NA
	3-Sep-14	41.0	<1.80	899	3,240	NA
	4-Jun-14	54.3	<1.80	914	3,220	NA
18-Mar-14	50.3	<1.66	861	3,130	NA	
12-Dec-13	48.9	2.10	930	3,240	NA	
9-Sep-13	54.6	<1.66	1,260	3,270	NA	
30-May-13	71.3	<1.66	951	3,560	NA	
4-Mar-13	69.1	<1.72	986	3,430	NA	
5-Dec-12	54.2	<1.72	851	3,230	NA	
21-Aug-12	59.2	<1.72	843	3,470	NA	
10-May-12	54.8	<1.72	835	3,460	NA	
1-Feb-12	59.8	<2.17	913	2,950	NA	
7-Dec-11	47.4	<2.17	789	3,070	544	

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-24 Vertical Delineation	27-May-22	5.9	<1.0	1,000	2,610	NA
	17-Mar-22	5.5	<1.0	890	2,620	NA
	2-Dec-21	5.4	<1.0	980	2,610	NA
	1-Sep-21	6.5	<1.0	960	2,690	NA
	4-Jun-21	5.6	<1.0	1,000	2,560	NA
	3-Mar-21	5.5	<1.0	970	2,540	NA
	4-Dec-20	5.4	<1.0	920	2,600	NA
	2-Sep-20	5.6	<1.0	940	2,630	NA
	2-Jun-20	5.5	<1.0	910	2,650	NA
	25-Feb-20	5.5	<1.0	920	2,510	NA
	4-Dec-19	6.2	<1.0	950	2,550	NA
	20-Aug-19	5.8	<1.0	950	2,630	NA
	28-May-19	6.1	<1.0	980	2,590	NA
	11-Mar-19	6.0	<1.0	940	2,490	NA
	30-Nov-18	6.5	<1.0	940	2,560	NA
	31-Aug-18	6.1	<1.0	930	2,600	NA
	4-Jun-18	6.5	<1.0	960	2,570	NA
	28-Feb-18	5.8	<1.0	810	2,480	NA
	29-Nov-17	6.25	<0.0500	994	2,220	NA
	29-Aug-17	4.10	<0.0500	910	2,420	NA
12-Jun-17	6.94	<0.100	969	2,630	NA	
13-Mar-17	6.84	<0.0501	947	2,530	NA	
28-Dec-16	NA	NA	NA	2,600	NA	
6-Dec-16	6.19	<0.300	938	2,630 R	NA	
9-Sep-16	1.84	<0.937	425	1,620	NA	
8-Jun-16	2.55	<2.24	482	1,620	NA	
1-Mar-16	2.22	<1.18	511	1,670	NA	
DAD-25	1-Jun-22	4.4	<1.0	420	1,780	NA
	18-Mar-22	3.4	<2.0	120	840	NA
	7-Dec-21	2.8	2.2	170	1,220	NA
	3-Sep-21	9.5	<2.0	140	880	NA
	7-Jun-21	9.0	<2.0	940	2,440	NA
	4-Mar-21	8.2	<2.0	880	2,030	NA
	3-Dec-20	7.7	<2.0	850	2,080	NA
	2-Sep-20	7.4	<2.0	760	2,180	NA
	2-Jun-20	7.5	<1.0	700	2,500	NA
	26-Feb-20	7.6	<2.0	760	2,100	NA
	6-Dec-19	7.0	<2.0	640	1,800	NA
	22-Aug-19	5.6	<2.0	600	1,830	NA
	28-May-19	5.5	<5.0	600	1,790	NA
	11-Mar-19	4.8	<1.0	560	1,570	NA
	29-Nov-18	5.0	<1.0	550	1,580	NA
	28-Aug-18	5.0	<2.0	510	1,800	NA
	4-Jun-18	5.6	<2.0	550	1,540	NA
	27-Feb-18	6.3	<1.0	490	1,480	NA
	27-Nov-17	6.78	0.411	456	1,310	NA
	25-Aug-17	20.1	0.768	414	1,660	NA
8-Jun-17	10.1	<0.100	678	1,940	NA	
10-Mar-17	22.5	<0.0501	954	2,920	NA	
2-Dec-16	31.9	<0.300	1,350	3,750	NA	
8-Sep-16	32.6	<0.937	1,420	4,010	NA	
6-Jun-16	24.8	<2.24	1,390	3,400	NA	
1-Mar-16	52.5	<1.18	1,380	4,020	NA	
22-Dec-15	57.9	<1.18	1,580	4,640	NA	
<b>NMWQCC Standard</b>		<b>10</b>	<b>NA</b>	<b>250</b>	<b>1,000</b>	<b>600</b>
<b>Existing Conditions - August 2020</b>		<b>NA</b>	<b>NA</b>	<b>367</b>	<b>1,758</b>	<b>NA</b>
<b>Existing Conditions - Pre-August 2020*</b>		<b>NA</b>	<b>NA</b>	<b>1,781</b>	<b>5,328</b>	<b>NA</b>

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
<b>Southern Portion</b>						
DAD-09 Perched Aquifer	1-Jun-22	33	<5.0	510	1,960	NA
	22-Mar-22	32	<5.0	510	1,860	NA
	7-Dec-21	35	<5.0	380	1,540	NA
	3-Sep-21	42	<5.0	93	785	NA
	28-May-21	24	<5.0	450	1,800	NA
	8-Mar-21	29	<5.0	510	1,900	NA
	7-Dec-20	24	<5.0	490	1,840	NA
	3-Sep-20	22	<5.0	450	1,720	NA
	3-Jun-20	46	<5.0	550	2,350	NA
	19-Feb-20	72	<5.0	610	2,230	NA
	6-Dec-19	40	<5.0	250	1,340	NA
	21-Aug-19	120	<2.0	890	3,380	NA
	24-May-19	120	<5.0	900	3,410	NA
	7-Mar-19	100	<5.0	950	3,290	NA
	30-Nov-18	74	<5.0	910	3,080	NA
	27-Aug-18	76	<5.0	780	2,910	NA
	4-Jun-18	66	<5.0	870	2,690	NA
	28-Feb-18	60	<5.0	680	2,560	NA
	28-Nov-17	49.0	<0.0500	816	2,290	NA
	23-Aug-17	43.9	<0.0500	665	2,050	NA
	9-Jun-17	66.8	<0.100	773	3,300	NA
	10-Mar-17	55.4	<0.0501	667	2,530	NA
	6-Dec-16	50.2	<0.300	676	2,470	NA
	7-Sep-16	36.0	<0.937	619	2,280	NA
	6-Jun-16	34.9	<2.24	583	2,240	NA
	29-Feb-16	16.2	<1.18	574	2,050	NA
	23-Nov-15	4.95	<1.18	563	1,940	NA
	2-Sep-15	7.22	<1.18	536	1,920	NA
	27-May-15	5.25	<1.18	508	1,920	NA
	4-Mar-15	4.01	<1.80	474	1,800	NA
	5-Dec-14	4.27	<1.80	495	1,800	NA
	28-Aug-14	5.25	<1.80	466	1,720	NA
	4-Jun-14	3.14	<1.80	440	1,580	NA
	18-Mar-14	3.44	<1.66	418	1,480	NA
	16-Dec-13	17.4	<1.66	294	1,200	NA
	30-Aug-13	12.3	2.10	454	1,800	NA
	30-May-13	9.69	<1.66	435	1,740	NA
	6-Mar-13	17.1	<1.72	494	1,840	NA
	4-Dec-12	33.1	<1.72	588	2,200	NA
	20-Aug-12	48.4	<1.72	656	2,540	NA
	10-May-12	50.9	<1.72	561	2,270	NA
31-Jan-12	59.8	<2.17	622	2,220	NA	
26-Oct-11	77.7	<2.17	728	1,600	433	
20-Jul-11	70.2	<2.17	727	2,500	NA	
20-Apr-11	47.5	<2.17	483	1,910	NA	
19-Jan-11	42.8	2.38	745	2,600	NA	
17-Sep-10	22.6	<10.0	204	47	NA	
29-Jun-10	59.2	<5.0	667	2,240	NA	
21-Mar-10	29	<5.0	290	1,190	NA	
9-Dec-09	26	<5.0	300	1,190	NA	
NMED Split	9-Dec-09	22	1.6	228	1,170	152
	29-Aug-09	46	<5.0	640	2,320	NA
	13-May-09	44	<5.0	740	2,400	NA

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-10 Regional Aquifer	2-Jun-22	1.2	<1.0	390	1,400	200
	23-Mar-22	1.4	<1.0	390	1,660	NA
	8-Dec-21	1.4	<2.0	460	1,750	NA
	24-Aug-21	1.0	<1.0	400	1,490	NA
	28-May-21	<1.0	<2.0	390	1,330	NA
	8-Mar-21	1.5	<2.0	410	1,550	NA
	24-Nov-20	1.5	1.4	420	1,330	NA
	3-Sep-20	1.3	<2.0	400	1,380	NA
	4-Jun-20	1.3	<2.0	390	1,460	NA
	19-Feb-20	1.5	<1.0	380	1,480	NA
	2-Dec-19	1.7	<2.0	390	1,380	NA
	22-Aug-19	1.7	<2.0	390	1,330	NA
	24-May-19	1.7	<5.0	390	1,670	NA
	11-Mar-19	2.5	<1.0	380	1,280	NA
	30-Nov-18	4.9	<1.0	420	1,510	NA
	27-Aug-18	4.1	<1.0	380	1,410	NA
	4-Jun-18	5.5	<2.0	410	1,430	NA
	28-Feb-18	9.1	<1.0	360	1,440	NA
	28-Nov-17	14.5	<0.0500	457	1,540	NA
	25-Aug-17	1.14	<0.0500	100	790	NA
	9-Jun-17	15.5	<0.100	446	1,790	NA
	8-Mar-17	8.40	<0.0501	435	1,610	NA
	6-Dec-16	15.6	<0.300	443	1,710	NA
	7-Sep-16	14.8	<0.937	451	1,620	NA
	6-Jun-16	16.9	<2.24	426	1,720	NA
	29-Feb-16	10.5	<1.18	457	1,610	NA
	24-Nov-15	0.723	<1.18	146	1,560	NA
	3-Sep-15	6.53	<1.18	455	1,680	NA
	27-May-15	13.1	<1.18	490	1,550	NA
	4-Mar-15	13.9	<1.80	453	1,720	NA
	5-Dec-14	12.8	<1.80	461	1,720	NA
	3-Oct-14	12.5	<1.80	419	1,720	NA
	28-Aug-14	17.0	<1.80	445	1,740	NA
	9-Jun-14	6.86	<1.80	454	1,560	NA
	18-Mar-14	7.79	<1.66	475	1,620	NA
	16-Dec-13	8.34	4.90	475	1,600	NA
	5-Sep-13	6.01	3.50	451	1,480	NA
	23-May-13	5.42	<1.66	453	1,450	NA
	6-Mar-13	4.83	<1.72	468	1,620	NA
	4-Dec-12	4.33	<1.72	434	1,510	NA
	20-Aug-12	2.86	<1.72	389	2,520	NA
10-May-12	1.52	<1.72	361	1,400	NA	
31-Jan-12	<0.500	<2.17	433	800	NA	
26-Oct-11	3.33	2.80	384	1,150	206	
20-Jul-11	2.29	<2.17	383	1,290	NA	
20-Apr-11	1.30	<2.17	411	1,340	NA	
19-Jan-11	12.7	2.10	429	1,140	NA	
17-Sep-10	2.73	<10.0	404	1,320	NA	
29-Jun-10	1.28	<1.0	390	1,360	NA	
21-Mar-10	<2.0	<1.0	420	1,380	NA	
9-Dec-09	1.4	<1.0	460	1,360	NA	
NMED Split	9-Dec-09	1.5	<0.1	378	1,340	196
	29-Aug-09	1.2	<1.0	420	1,340	NA
	14-May-09	<2.0	<1.0	410	1,300	NA

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-20 Perched Aquifer	2-Jun-22	23	<5.0	1,000	2,730	450
	23-Mar-22	21	<5.0	730	2,300	NA
	8-Dec-21	28	<5.0	910	2,540	NA
	7-Sep-21	26	<5.0	860	2,480	NA
	28-May-21	24	<5.0	870	2,340	NA
	8-Mar-21	28	<5.0	860	2,490	NA
	7-Dec-20	26	<5.0	880	2,740	NA
	8-Sep-20	30	<5.0	960	2,730	NA
	4-Jun-20	31	<5.0	890	2,840	NA
	19-Feb-20	34	<5.0	820	2,470	NA
	2-Dec-19	36	<5.0	790	2,430	NA
	21-Aug-19	40	<2.0	780	2,500	NA
	28-May-19	37	<5.0	850	2,600	NA
	7-Mar-19	35	<5.0	900	2,530	NA
	30-Nov-18	36	<5.0	870	2,530	NA
	28-Aug-18	36	<5.0	850	2,510	NA
	1-Jun-18	35	<5.0	850	2,530	NA
	28-Feb-18	32	<5.0	710	2,390	NA
	28-Nov-17	36.6	<0.0500	891	2,350	NA
	24-Aug-17	31.4	<0.0500	760	2,310	NA
	7-Jun-17	30.6	<0.100	727	2,300	NA
	10-Mar-17	29.0	<0.0501	797	2,410	NA
	5-Dec-16	22.7	<0.300	798	2,360	NA
	7-Sep-16	22.7	<0.937	864	2,460	NA
	6-Jun-16	23.8	<2.24	784	2,420	NA
	1-Mar-16	22.5	<1.18	867	2,390	NA
	24-Nov-15	21.8	<1.18	810	2,350	NA
	2-Sep-15	21.0	<1.18	817	2,400	NA
	27-May-15	20.2	<1.18	905	2,460	NA
	4-Mar-15	20.4	<1.80	784	2,340	NA
	4-Dec-14	20.8	<1.80	806	2,240	NA
	28-Aug-14	19.3	<1.80	603	2,400	NA
	9-Jun-14	20.4	<1.80	773	2,470	NA
18-Mar-14	20.6	<1.66	665	2,120	NA	
16-Dec-13	20.2	2.10	732	2,140	NA	
5-Sep-13	19.2	5.60	808	2,870	NA	
23-May-13	25.2	<1.66	707	2,320	NA	
6-Mar-13	29.5	<1.72	710	2,280	NA	
4-Dec-12	17.0	<1.72	704	2,350	NA	
10-May-12	Obstruction in Well					
31-Jan-12	21.2	<2.17	568	1,000	NA	
7-Dec-11	16.1	<2.17	611	2,020	383	

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-21 Perched Aquifer	1-Jun-22	41	<5.0	870	2,980	NA
	22-Mar-22	41	<5.0	900	2,840	NA
	7-Dec-21	54	<5.0	1,200	2,740	NA
	3-Sep-21	64	<5.0	920	3,030	NA
	28-May-21	120	<5.0	950	3,330	NA
	8-Mar-21	110	<5.0	980	3,440	NA
	7-Dec-20	120	<5.0	990	3,610	NA
	3-Sep-20	120	<5.0	970	3,580	NA
	3-Jun-20	100	<5.0	860	3,370	NA
	19-Feb-20	110	<5.0	950	3,430	NA
	6-Dec-19	110	<5.0	770	3,200	NA
	21-Aug-19	86	<1.0	880	3,040	NA
	24-May-19	87	<5.0	860	2,920	NA
	7-Mar-19	80	<5.0	860	3,030	NA
	30-Nov-18	110	<5.0	910	3,180	NA
	27-Aug-18	90	<5.0	830	3,010	NA
	4-Jun-18	81	<5.0	750	2,900	NA
	28-Feb-18	76	<5.0	700	2,820	NA
	28-Nov-17	70.7	<0.0500	928	2,860	NA
	23-Aug-17	51.1	<0.0500	826	2,910	NA
	9-Jun-17	71.3	<0.100	977	3,360	NA
	10-Mar-17	69.2	<0.0501	939	3,190	NA
	28-Dec-16	NA	NA	NA	2,920	NA
	6-Dec-16	59.9	<0.300	936	3,020 R	NA
	7-Sep-16	58.9	<0.937	1,020	3,180	NA
	6-Jun-16	55.2	<2.24	1,350	2,920	NA
	29-Feb-16	35.6	3.92	815	2,360	NA
	23-Nov-15	6.28	<1.18	708	2,090	NA
	2-Sep-15	4.27	1.40	720	2,100	NA
	27-May-15	6.44	<1.18	609	1,910	NA
	4-Mar-15	5.95	<1.80	487	1,850	NA
	4-Dec-14	5.03	<1.80	465	1,760	NA
	28-Aug-14	13.0	<1.80	520	2,080	NA
	4-Jun-14	15.0	<1.80	532	2,180	NA
18-Mar-14	18.1	<1.66	592	2,140	NA	
16-Dec-13	16.9	<1.66	568	1,890	NA	
5-Sep-13	12.0	4.20	583	1,990	NA	
24-May-13	6.73	<1.66	509	1,960	NA	
6-Mar-13	5.76	<1.72	516	1,910	NA	
4-Dec-12	3.47	<1.72	445	1,720	NA	
20-Aug-12	3.45	<1.72	409	1,660	NA	
10-May-12	1.16	<1.72	364	2,840	NA	
31-Jan-12	6.79	2.94	475	1,620	NA	
7-Dec-11	2.14	<2.17	396	1,600	219	



**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-22 Perched Aquifer	2-Jun-22	16	<2.0	880	2,440	440
	23-Mar-22	16	<2.0	780	2,440	NA
	8-Dec-21	14	<2.0	880	2,350	NA
	3-Sep-21	14	<2.0	860	2,430	NA
	28-May-21	11	<2.0	840	2,390	NA
	8-Mar-21	13	<2.0	890	2,360	NA
	7-Dec-20	12	<2.0	870	2,490	NA
	8-Sep-20	12	<2.0	850	2,410	NA
	3-Jun-20	11	<2.0	840	2,460	NA
	19-Feb-20	11	<2.0	870	2,340	NA
	6-Dec-19	6.7	<5.0	780	2,360	NA
	21-Aug-19	17	<1.0	840	2,390	NA
	24-May-19	20	<2.0	770	2,320	NA
	7-Mar-19	26	<5.0	670	2,200	NA
	30-Nov-18	18	<5.0	670	2,120	NA
	24-Aug-18	29	<5.0	700	2,380	NA
	1-Jun-18	20	<2.0	810	2,390	NA
	27-Feb-18	12	<2.0	860	2,420	NA
	28-Nov-17	16.2	<0.0500	4.03	2,250	NA
	23-Aug-17	19.0	<0.0500	803	2,410	NA
	7-Jun-17	22.2	<0.100	846	2,500	NA
	7-Mar-17	27.3	<0.300	817	2,360	NA
	5-Dec-16	25.4	<0.300	808	2,480	NA
	6-Sep-16	23.6	<0.937	863	2,380	NA
	8-Jun-16	21.8	<2.24	815	2,420	NA
	25-Feb-16	18.5	4.48	932	2,380	NA
	23-Nov-15	6.52	<1.18	964	2,340	NA
	2-Sep-15	6.35	<1.18	948	2,500	NA
	27-May-15	6.56	<1.18	920	2,520	NA
	3-Mar-15	6.22	<1.80	884	2,400	NA
	3-Dec-14	6.52	<1.80	915	2,480	NA
	28-Aug-14	6.60	<1.80	810	2,420	NA
	6-Jun-14	6.80	<1.80	906	2,480	NA
	18-Mar-14	6.38	<1.66	846	2,420	NA
13-Dec-13	6.35	<1.66	909	2,440	NA	
5-Sep-13	Did Not Contain Enough Water to Sample					
24-May-13	9.29	<1.66	920	2,580	NA	
6-Mar-13	8.25	<1.72	909	2,610	NA	
4-Dec-12	12.0	<1.72	886	2,740	NA	
20-Aug-12	15.3	2.10	878	2,280	NA	
10-May-12	18.3	<1.72	818	1,580	NA	
1-Feb-12	23.6	<2.17	908	3,000	NA	
26-Oct-11	29.5	2.52	781	3,860	494	

**TABLE 4. ABATEMENT PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
DAD-26 Perched Aquifer	2-Jun-22	26	<5.0	520	1,860	360
	23-Mar-22	22	<5.0	560	1,790	NA
	8-Dec-21	15	<2.0	470	1,610	NA
	7-Sep-21	3.8	<1.0	560	1,820	NA
	28-May-21	10	<2.0	640	2,060	NA
	8-Mar-21	6.8	<1.0	810	2,460	NA
	7-Dec-20	25	<5.0	580	2,010	NA
	8-Sep-20	38	<5.0	640	2,270	NA
	3-Jun-20	35	<5.0	640	2,320	NA
	19-Feb-20	16	<2.0	480	1,680	NA
	6-Dec-19	1.8	<5.0	300	1,060	NA
	21-Aug-19	43	<1.0	700	2,410	NA
	28-May-19	41	<5.0	730	2,360	NA
	7-Mar-19	50	<5.0	800	2,670	NA
	30-Nov-18	48	<5.0	860	2,770	NA
	28-Aug-18	110	<5.0	870	3,020	NA
	4-Jun-18	47	<5.0	920	3,240	NA
	28-Feb-18	59	<5.0	940	3,000	NA
	28-Nov-17	65.1	<0.0500	1,160	3,110	NA
	28-Aug-17	59.8	<0.0500	1,090	3,110	NA
	9-Jun-17	60.5	<0.100	1,090	3,270	NA
10-Mar-17	66.3	<0.0501	1,110	3,280	NA	
28-Dec-16	NA	NA	NA	3,420	NA	
6-Dec-16	69.6	<0.300	1,090	3,160 R	NA	
8-Sep-16	63.2	<0.937	1,030	3,210	NA	
6-Jun-16	67.0	<2.24	858	2,900	NA	
1-Mar-16	61.1	<1.18	837	2,760	NA	
22-Dec-15	59.6	<1.18	749	2,540	NA	
<b>NMWQCC Standard</b>		<b>10</b>	<b>NA</b>	<b>250</b>	<b>1,000</b>	<b>600</b>
<b>Existing Conditions - August 2020</b>		<b>NA</b>	<b>NA</b>	<b>455</b>	<b>1,424</b>	<b>NA</b>
<b>Existing Conditions - Pre-August 2020*</b>		<b>NA</b>	<b>NA</b>	<b>503</b>	<b>2,552</b>	<b>NA</b>
NOTES:						
Shading indicates exceedence of NMWQCC standard						
Data suspect						
* = Pre-August 2020 existing conditions were in place prior to August 2020. This condition is no longer applicable.						
NA = Not analyzed						
ND = Non detect						
NMWQCC = New Mexico Water Quality Control Commission						
TDS = Total dissolved solids						
R = Rejected. Analyzed out of hold time.						
TKN = Total Kjeldahl Nitrogen						
DAD-03 (6-29-10) Roots in sample may have resulted in a measured TKN result.						
Data from current quarter.						
Highlight is at or above NMWQCC Standard.						
Highlight is at or above relevant existing conditions value. Applicable to samples collected in or after August 2020.						

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
<b>Northern Area</b>					
<b>Northern Land Application Area</b>					
70-03	9-May-22	37	<5.0	1,500	4,430
	15-Feb-22	38	<5.0	1,600	4,240
	5-Nov-21	39	<5.0	1,800	4,600
	10-Aug-21	41	<5.0	1,800	4,770
	10-May-21	40	<5.0	1,800	4,760
	16-Feb-21	41	<5.0	1,700	4,600
	11-Nov-20	43	<5.0	1,900	5,050
	14-Aug-20	47	<5.0	2,100	5,590
	13-May-20	50	<5.0	2,200	5,810
	7-Feb-20	50	<1.0	2,400	6,080
	15-Nov-19	48	<5.0	2,200	6,350
	6-Aug-19	53	<2.0	2,800	6,810
	16-May-19	50	<5.0	3,100	6,850
	26-Feb-19	51	<5.0	3,000	7,320
	15-Nov-18	52	<5.0	3,300	7,530
	15-Aug-18	50	<5.0	3,100	7,900
	21-May-18	50	<5.0	3,200	8,080
	13-Feb-18	46	<5.0	3,400	8,490
	9-Nov-17	44.7	1.26	3,320	7,940
	14-Aug-17	45.4	1.89	3,380	8,370
	19-May-17	43.5	0.539	3,330	8,370
	20-Feb-17	43.6	<0.0501	3,200	8,270
	22-Nov-16	43.4	<0.300	3,250	8,430
	18-Aug-16	45.2	<0.937	6,010	9,340
	24-May-16	47.4	<2.24	3,220	8,330
	16-Feb-16	49.1	<1.18	3,340	8,380
	12-Nov-15	46.9	4.48	2,850	7,040
	19-Aug-15	47.4	<1.18	2,510	6,760
	12-May-15	47.0	1.40	3,060	7,900
	10-Feb-15	34.8	<1.80	744	6,140
	14-Nov-14	49.1	<1.80	2,530	6,360
	20-Aug-14	49.8	<1.80	2,590	7,000
	15-May-14	48.6	<1.80	2,580	6,880
	19-Feb-14	57.1	<1.66	3,400	8,380
14-Nov-13	45.4	3.50	2,680	6,800	
9-Aug-13	48.7	3.50	2,740	6,890	
9-May-13	58.4	<1.66	3,290	9,200	
13-Feb-13	59.1	<1.72	3,400	8,440	
7-Nov-12	49.5	<1.72	2,850	7,950	
7-Aug-12	45.3	2.94	2,440	6,700	
25-Apr-12	53.1	5.60	2,540	6,550	
2-Feb-12	67.6	<2.17	2,840	7,480	
7-Nov-11	61.6	<2.17	3,270	7,910	
3-Aug-11	63.1	2.80	3,140	8,040	
21-Apr-11	58.9	<2.17	3,130	8,040	
27-Jan-11	71.2	3.36	3,140	7,580	
22-Sep-10	62.8	<10.0	2,940	7,840	
30-Jun-10	57	<1.0	2,200	5,720	
26-Mar-10	29.6	ND	2,160	5,180	
15-Dec-09	27.1	ND	2,199	5,462	
2-Sep-09	25.4	ND	2,149	5,570	
4-Jun-09	18.6	ND	1,999	5,518	
4-Mar-09	35.5	ND	2,074	5,418	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
70/86/340-01	5-May-22	20	<5.0	1,900	6,120
	14-Feb-22	20	<5.0	1,700	5,440
	4-Nov-21	20	<5.0	1,500	4,260
	9-Aug-21	3.9	<1.0	1,000	3,060
	6-May-21	7.9	<1.0	1,300	3,550
	15-Feb-21	9.8	<1.0	1,500	3,790
	11-Nov-20	12	<2.0	1,700	4,320
	13-Aug-20	18	<1.0	1,600	4,500
	18-May-20	18	<2.0	1,800	4,520
	7-Feb-20	22	<5.0	1,700	4,590
	15-Nov-19	22	<1.0	1,500	4,660
	7-Aug-19	23	<5.0	1,700	4,720
	16-May-19	23	<5.0	1,800	4,720
	25-Feb-19	21	<5.0	1,700	4,750
	16-Nov-18	23	<5.0	1,700	4,560
	14-Aug-18	19	<2.0	1,700	4,680
	21-May-18	18	<2.0	1,600	4,600
	12-Feb-18	19	<2.0	1,500	4,580
	9-Nov-17	19.6	0.750	1,510	4,190
	11-Aug-17	20.6	0.868	1,790	5,170
	18-May-17	20.3	0.665	1,730	5,410
	16-Feb-17	30.1	<0.0501	1,350	4,430
	10-Nov-16	22.6	1.14	817	5,080
	23-Aug-16	24.1	<0.937	3,450	5,170
	19-May-16	17.3	6.92	1,630	4,680
	15-Feb-16	12.1	<1.18	1,750	4,730
	10-Nov-15	16.0	<1.18	1,740	4,940
	20-Aug-15	8.66	2.80	1,790	4,860
	11-May-15	8.19	<1.18	1,780	4,780
	9-Feb-15	8.79	<1.80	1,620	4,840
	12-Nov-14	15.6	<1.80	2,090	6,320
	15-Aug-14	15.3	<1.80	1,730	5,780
	11-Nov-13	6.65	4.90	1,760	4,780
	8-Aug-13	15.1	3.50	2,190	6,920
	9-May-13	15.1	<1.66	1,930	6,650
	13-Feb-13	16.6	<1.72	2,170	6,660
	5-Nov-12	12.7	<1.72	2,120	4,940
	6-Aug-12	17.1	<1.72	1,870	6,400
	25-Apr-12	11.8	<1.72	1,620	4,280
	2-Feb-12	20.0	8.12	1,750	5,440
	7-Nov-11	25.5	4.76	1,970	5,920
	25-Jul-11	31.0	2.24	1,800	5,500
	21-Apr-11	35.0	<2.17	1,780	5,420
	27-Jan-11	53.5	<2.17	1,370	4,420
	22-Sep-10	39.8	<10.0	1,130	4,000
	30-Jun-10	52	<1.0	1,300	4,090
	26-Mar-10	53	ND	1,200	3,616
	15-Dec-09	64	ND	1,080	3,408
	2-Sep-09	50	ND	1,100	3,610
	4-Jun-09	28	ND	1,410	4,340
	4-Mar-09	39.3	ND	1,150	3,820

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
86/340-01	5-May-22	3.1	<1.0	220	2,150
	14-Feb-22	3.2	<1.0	230	2,170
	4-Nov-21	3.1	<1.0	260	2,190
	9-Aug-21	2.8	<1.0	240	2,190
	6-May-21	3.2	<1.0	230	1,890
	15-Feb-21	2.9	<5.0	240	2,120
	11-Nov-20	3.4	<1.0	200	2,080
	13-Aug-20	3.6	<2.0	220	2,030
	18-May-20	5.1	<1.0	250	2,010
	7-Feb-20	4.7	<1.0	230	1,990
	15-Nov-19	5.0	<1.0	210	2,010
	7-Aug-19	5.9	<1.0	240	1,940
	16-May-19	7.5	<1.0	260	1,930
	25-Feb-19	7.0	<1.0	250	1,910
	16-Nov-18	7.0	<1.0	240	1,900
	14-Aug-18	7.4	<1.0	230	1,890
	21-May-18	8.3	<1.0	240	1,890
	12-Feb-18	9.6	<1.0	300	1,920
	9-Nov-17	10.5	<0.0500	293	1,670
	11-Aug-17	11.9	<0.0500	338	2,030
	18-May-17	13.4	<0.0501	445	2,410
	16-Feb-17	13.1	<0.0501	387	2,240
	10-Nov-16	11.6	<0.937	384	2,200
	23-Aug-16	12.1	<0.937	408	2,210
	19-May-16	11.2	<2.24	421	2,220
	15-Feb-16	12.9	<1.18	422	2,300
	10-Nov-15	11.7	2.24	421	2,260
	20-Aug-15	11.7	<1.18	416	2,150
	11-May-15	12.4	<1.18	450	2,240
	9-Feb-15	10.8	<1.80	410	2,120
	11-Nov-14	11.3	<1.80	398	2,180
	15-Aug-14	11.6	<1.80	400	2,300
	14-May-14	15.4	<1.80	500	2,380
	18-Feb-14	12.4	<1.66	460	2,370
	11-Nov-13	12.2	7.00	641	2,940
	8-Aug-13	12.1	2.10	720	3,230
	9-May-13	12.3	<1.66	603	3,020
	13-Feb-13	12.2	<1.72	571	2,780
	5-Nov-12	12.1	<1.72	638	2,860
	6-Aug-12	11.6	<1.72	708	3,410
	25-Apr-12	12.1	<1.72	641	2,480
	2-Feb-12	12.3	<2.17	655	2,960
	7-Nov-11	11.6	3.08	593	2,910
	25-Jul-11	10.2	<2.17	582	2,500
	21-Apr-11	10.4	<2.17	512	2,660
	27-Jan-11	7.99	<2.17	419	2,040
	22-Sep-10	11.8	<10.0	331	2,060
	30-Jun-10	13	<1.0	410	2,190
	26-Mar-10	9.2	0.7	690	2,656
	29-Jan-10	8.6	ND	530	2,258
	2-Sep-09	8.8	ND	510	2,232
	4-Jun-09	5.2	1.12	640	2,582
	4-Mar-09	11.9	ND	675	2,674

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
<b>Organ Dairy (Formerly known as Del Norte Dairy and Daybreak Dairy)</b>					
126-04	5-May-22	25	<5.0	750	3,130
	24-Feb-22	23	<5.0	770	3,110
	9-Nov-21	25	<5.0	810	1,530
	11-Aug-21	28	<5.0	800	2,930
	4-May-21	26	<5.0	790	3,170
	9-Feb-21	27	<5.0	760	3,200
	10-Nov-20	28	<5.0	780	3,120
	12-Aug-20	29	<5.0	790	2,980
	13-May-20	25	<5.0	680	2,620
	10-Feb-20	25	<5.0	680	2,580
	12-Nov-19	26	<5.0	670	2,600
	5-Aug-19	23	<5.0	620	2,420
	14-May-19	22	<5.0	630	2,400
	22-Feb-19	24	<5.0	650	2,370
	14-Nov-18	23	<5.0	610	2,530
	15-Aug-18	19	<2.0	580	2,400
	18-May-18	21	<5.0	570	2,360
	9-Feb-18	22	<2.0	620	2,530
	8-Nov-17	22.1	<0.0500	661	2,510
	10-Aug-17	19.4	0.871	614	2,550
	17-May-17	19.7	0.356	606	2,600
	17-Feb-17	20.7	<0.0501	639	2,680
	9-Nov-16	18.5	<0.937	621	2,580
	17-Aug-16	16.1	1.12	516	2,560
	18-May-16	16.7	<2.24	580	2,460
	15-Feb-16	20.2	4.48	623	2,510
	9-Nov-15	19.2	<1.18	612	2,460
	17-Aug-15	18.4	<1.18	573	2,490
	13-May-15	17.9	4.20	575	2,560
	11-Feb-15	17.1	<1.80	572	2,450
	12-Nov-14	16.4	7.70	556	2,400
	18-Aug-14	15.1	<1.80	536	2,590
	15-May-14	17.4	16.1	514	2,200
	20-Feb-14	17.1	<1.66	564	2,410
	13-Nov-13	16.7	9.10	567	2,240
	12-Aug-13	15.3	18.2	511	2,170
	10-May-13	15.1	<1.66	499	2,310
	12-Feb-13	18.5	<1.72	614	2,640
	7-Nov-12	16.0	3.50	572	2,500
	7-Aug-12	15.9	2.10	568	2,370
30-Apr-12	15.7	<1.72	539	2,310	
26-Jan-12	17.4	<2.17	560	1,700	
7-Nov-11	18.2	3.92	581	2,470	
3-Aug-11	18.2	6.44	559	2,460	
22-Apr-11	18.0	5.74	594	2,500	
26-Jan-11	11.1	<2.17	570	2,380	
21-Sep-10	20.5	<10.0	542	2,460	
30-Jun-10	21	<5.0	490	2,160	
25-Mar-10	14.9	0.56	530	1,964	
15-Dec-09	11.5	ND	550	1,974	
2-Sep-09	9	ND	530	2,028	
4-Jun-09	5.81	ND	550	2,084	
5-Mar-09	14.1	ND	525	2,122	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
126-05	5-May-22	9.0	1.3	660	3,220
	24-Feb-22	10	<2.0	710	3,270
	9-Nov-21	11	<2.0	750	3,380
	11-Aug-21	11	<2.0	790	3,480
	4-May-21	11	<2.0	730	3,380
	9-Feb-21	13	<2.0	780	3,710
	10-Nov-20	14	<2.0	1,000	3,670
	12-Aug-20	15	<2.0	740	3,220
	13-May-20	10	2.20	820	3,590
	10-Feb-20	13	<2.0	900	3,800
	12-Nov-19	15	<2.0	930	3,860
	5-Aug-19	16	<2.0	750	3,490
	14-May-19	17	<2.0	800	3,520
	22-Feb-19	18	<2.0	950	3,810
	14-Nov-18	20	<5.0	890	3,840
	15-Aug-18	23	<5.0	860	3,590
	18-May-18	23	<5.0	840	3,790
	9-Feb-18	26	<2.0	960	3,800
	8-Nov-17	26.6	0.196	860	3,510
	10-Aug-17	25.4	2.17	814	3,460
	17-May-17	28.1	1.20	856	3,600
	17-Feb-17	28.5	4.95	852	3,580
	9-Nov-16	41.9	<0.937	769	3,510
	18-Aug-16	20.5	<0.937	572	3,120
	18-May-16	24.2	<2.24	728	3,130
	15-Feb-16	27.7	1.68	792	3,190
	9-Nov-15	20.2	<1.18	643	2,980
	17-Aug-15	18.8	<1.18	627	2,860
	12-May-15	17.6	2.10	670	3,000
	11-Feb-15	28.8	<1.80	713	3,470
	12-Nov-14	19.2	5.60	746	3,500
	18-Aug-14	16.4	<1.80	575	3,080
	15-May-14	23.0	4.90	637	2,960
	20-Feb-14	27.1	<1.66	643	3,140
	13-Nov-13	30.3	4.20	648	3,100
	12-Aug-13	33.9	4.20	594	2,920
	10-May-13	39.0	<1.66	635	3,060
	12-Feb-13	34.2	<1.72	618	3,180
	7-Nov-12	29.2	<1.72	548	2,890
	7-Aug-12	30.8	2.10	548	2,860
	30-Apr-12	28.6	2.38	530	2,840
	26-Jan-12	30.1	<2.17	546	2,520
	4-Nov-11	31.2	<2.17	543	3,510
	4-Aug-11	29.5	4.20	525	2,540
	22-Apr-11	28.0	2.80	615	2,800
	26-Jan-11	25.2	3.64	553	2,870
	21-Sep-10	22.3	<10.0	504	2,240
	30-Jun-10	24	<5.0	540	2,750
	25-Mar-10	13.5	ND	640	2,736
	15-Dec-09	16.6	ND	630	2,554
	2-Sep-09	12.8	1.4	580	2,566
	4-Jun-09	10.1	ND	600	2,640
	5-Mar-09	19.9	1.03	610	2,828

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
126-07	5-May-22	21	<5.0	790	3,470
	24-Feb-22	22	<5.0	870	3,550
	9-Nov-21	22	<5.0	910	3,480
	11-Aug-21	23	<5.0	890	3,430
	4-May-21	22	<5.0	790	3,390
	9-Feb-21	25	<5.0	770	3,400
	10-Nov-20	26	<5.0	860	3,340
	12-Aug-20	28	<5.0	830	3,310
	13-May-20	25	<5.0	780	3,290
	7-Feb-20	28	<5.0	780	3,230
	12-Nov-19	28	<5.0	770	3,150
	5-Aug-19	29	<5.0	800	3,150
	14-May-19	28	<5.0	790	3,110
	22-Feb-19	30	<5.0	790	3,030
	14-Nov-18	27	<5.0	790	2,990
	15-Aug-18	22	<1.0	720	2,900
	18-May-18	22	<5.0	660	2,740
	9-Feb-18	21	<2.0	690	2,760
	8-Nov-17	22.4	<0.0500	701	2,630
	10-Aug-17	21.6	<0.0500	723	2,540
	17-May-17	22.3	<0.0501	702	2,510
	17-Feb-17	23.9	<0.0501	663	2,590
	9-Nov-16	27.2	<0.937	526	2,540
	18-Aug-16	28.2	<0.937	523	2,510
	18-May-16	28.5	<2.24	607	2,380
	15-Feb-16	27.0	<1.18	579	2,460
	9-Nov-15	26.5	6.16	571	2,380
	17-Aug-15	23.0	<1.18	559	2,610
	13-May-15	17.9	4.20	575	2,560
	11-Feb-15	24.0	<1.80	546	2,590
	12-Nov-14	23.4	<1.80	586	2,710
	18-Aug-14	21.8	<1.80	565	2,510
	16-May-14	24.8	4.90	583	2,170
	20-Feb-14	25.6	<1.66	615	2,490
	13-Nov-13	24.1	4.20	615	2,330
	12-Aug-13	23.5	5.60	586	2,410
	10-May-13	20.2	<1.66	573	2,620
	12-Feb-13	21.2	<1.72	648	2,740
	7-Nov-12	19.8	<1.72	629	2,870
	7-Aug-12	19.5	2.10	650	2,610
	30-Apr-12	18.8	<1.72	605	2,710
	26-Jan-12	18.8	2.24	666	2,790
	4-Nov-11	19.8	<2.17	668	2,270
	4-Aug-11	19.1	2.24	666	1,410
	22-Apr-11	21.2	<2.17	704	3,110
	27-Jan-11	22.4	<2.17	662	2,670
	21-Sep-10	24.9	<10.0	700	2,800
	30-Jun-10	26	<5.0	760	2,780
	25-Mar-10	12.1	ND	610	2,238
	15-Dec-09	13.8	ND	720	2,412
	2-Sep-09	10.9	ND	820	2,716
	4-Jun-09	19.0	ND	810	2,468
	5-Mar-09	16.8	ND	605	2,230



**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
126-09	5-May-22	1.4	<1.0	190	924
	24-Feb-22	1.0	<1.0	150	856
	9-Nov-21	Not Sampled - insufficient water to sample			
	11-Aug-21				
	4-May-21				
	9-Feb-21				
	10-Nov-20	1.2	<1.0	200	865
	12-Aug-20	Not Sampled - insufficient water to sample			
	14-May-20				
	7-Feb-20				
	12-Nov-19	<1.0	<1.0	150	824
	5-Aug-19	1.1	<2.0	200	898
	14-May-19	<1.0	<2.0	160	815
	22-Feb-19	<1.0	<1.0	200	888
	14-Nov-18	<1.0	<1.0	140	764
	15-Aug-18	<1.0	<1.0	110	722
	18-May-18	<1.0	<1.0	150	742
	9-Feb-18	<1.0	<1.0	120	732
	8-Nov-17	1.65	0.538	66.7	555
	10-Aug-17	0.218	0.452	70.0	740
	17-May-17	0.230	<0.0501	67.1	640
	20-Feb-17	0.269	1.80	89.5	775
	9-Nov-16	2.39	<0.937	824	2,440
	18-Aug-16	1.41	2.25	714	2,500
	18-May-16	6.35	<2.24	794	2,440
	15-Feb-16	1.73	<1.18	879	2,660
	9-Nov-15	1.47	6.16	879	2,860
	17-Aug-15	1.40	<1.18	880	2,850
	13-May-15	2.34	<1.18	873	2,500
	11-Feb-15	2.18	<1.80	798	2,740
	13-Nov-14	2.42	<1.80	842	2,500
	18-Aug-14	2.25	<1.80	832	2,840
	15-May-14	2.52	<1.80	893	2,690
	20-Feb-14	2.12	<1.66	911	2,720
	13-Nov-13	2.25	4.20	919	2,710
	12-Aug-13	2.13	5.60	937	2,710
	10-May-13	2.25	<1.66	898	3,300
	12-Feb-13	2.50	<1.72	991	3,090
	7-Nov-12	2.53	<1.72	984	2,980
	7-Aug-12	2.69	2.10	962	3,050
30-Apr-12	2.28	5.04	978	2,900	
26-Jan-12	3.93	7.00	1,100	3,180	
7-Nov-11	3.30	5.6	1,130	3,470	
4-Aug-11	3.19	<2.17	1,100	3,180	
22-Apr-11	3.31	<2.17	1,120	2,730	
22-Sep-10	2.50	<10.0	1,110	3,320	
30-Jun-10	Not Sampled				
25-Mar-10					
15-Dec-09					
2-Sep-09					
4-Jun-09					
5-Mar-09					

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
126-12	5-May-22	3.8	<1.0	360	2,120
	24-Feb-22	4.6	<1.0	420	2,180
	9-Nov-21	4.6	<1.0	390	2,120
	11-Aug-21	6.7	<1.0	430	2,170
	4-May-21	6.9	<1.0	370	2,220
	9-Feb-21	6.0	<1.0	350	2,220
	10-Nov-20	8.9	<1.0	400	2,240
	12-Aug-20	11	<2.0	420	2,350
	12-Aug-20	11	<2.0	420	2,260
	14-May-20	6.4	<1.0	350	2,190
	10-Feb-20	2.8	<1.0	310	2,100
	12-Nov-19	8.3	<1.0	350	2,200
	5-Aug-19	13	<2.0	370	2,270
	14-May-19	8.1	<2.0	350	2,180
	22-Feb-19	8.2	1.3	370	2,270
	14-Nov-18	13	<2.0	390	2,300
	15-Aug-18	17	2.5	430	2,500
	7-Jun-18	11	2.2	420	2,550
	9-Feb-18	3.9	4.5	420	2,430
	8-Nov-17	3.26	16.6	24.5	2,440
	10-Aug-17	7.40	4.90	520	2,780
	17-May-17	17.6	0.476	455	2,480
	20-Feb-17	13.0	1.09	420	2,430
	9-Nov-16	17.1	<0.937	430	2,520
	18-Aug-16	19.4	<0.937	363	2,580
	18-May-16	17.6	<2.24	391	2,310
	15-Feb-16	13.9	<1.18	416	2,450
	9-Nov-15	10.8	8.96	428	2,460
	17-Aug-15	3.49	10.5	407	2,240
	12-May-15	2.43	11.2	393	2,120
	10-Feb-15	<0.0137	29.4	632	2,190
	13-Nov-14	2.57	2.80	409	2,160
	18-Aug-14	16.5	<1.80	384	2,220
	15-May-14	15.4	2.10	404	2,250
	20-Feb-14	13.6	2.10	404	2,370
	13-Nov-13	15.7	3.50	401	2,360
	12-Aug-13	17.0	4.20	434	2,400
	10-May-13	16.2	2.10	398	2,380
	12-Feb-13	18.8	<1.72	421	2,480
	7-Nov-12	19.2	<1.72	407	2,490
	7-Aug-12	17.5	<1.72	410	2,460
	30-Apr-12	12.9	1.96	401	2,270
	14-Feb-12	12.5	4.20	418	2,340
	4-Nov-11	13.3	<2.17	430	2,600
	4-Aug-11	13.6	<2.17	449	2,580
	22-Apr-11	13.2	<2.17	461	2,530
	27-Jan-11	12.2	<2.17	453	2,280
	22-Sep-10	12.6	<10.0	446	2,430
	30-Jun-10	15	<2.0	500	2,610
	25-Mar-10	8.9	ND	550	2,260
	15-Dec-09	8.7	ND	540	2,296
	2-Sep-09	12.8	0.56	530	2,336
	4-Jun-09	4.08	0.84	530	2,322
	5-Mar-09	11	ND	475	2,320

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
126-13	5-May-22	14	<2.0	700	3,330
	24-Feb-22	15	<2.0	760	3,380
	9-Nov-21	16	<2.0	780	3,320
	11-Aug-21	18	<2.0	830	3,360
	4-May-21	17	<2.0	780	3,420
	9-Feb-21	19	<2.0	740	3,440
	10-Nov-20	20	<2.0	780	3,390
	12-Aug-20	23	<5.0	860	3,520
	13-May-20	26	<5.0	860	3,860
	7-Feb-20	34	<5.0	880	3,640
	12-Nov-19	32	<5.0	830	3,730
	5-Aug-19	32	<5.0	900	3,790
	14-May-19	36	<5.0	970	3,570
	22-Feb-19	39	<5.0	990	3,620
	14-Nov-18	42	<5.0	950	3,420
	15-Aug-18	40	<5.0	890	3,670
	18-May-18	37	<5.0	890	3,250
	9-Feb-18	31	<2.0	820	3,330
	8-Nov-17	28.6	0.580	771	2,810
	10-Aug-17	24.4	0.153	784	3,080
	17-May-17	23.2	<0.0501	796	3,180
	17-Feb-17	23.8	<0.0501	869	3,920
	9-Nov-16	23.2	<0.937	594	3,090
	18-Aug-16	23.4	<0.937	703	3,090
	18-May-16	26.1	<2.24	799	3,000
	15-Feb-16	36.9	<1.18	891	2,960
	9-Nov-15	29.6	<1.18	760	2,850
	17-Aug-15	33.3	<1.18	876	3,100
	12-May-15	40.8	1.40	877	3,210
	10-Feb-15	34.7	2.80	776	2,770
	12-Nov-14	33.9	<1.80	801	2,940
	18-Aug-14	38.2	<1.80	809	3,160
	15-May-14	49.5	<1.80	841	3,010
	20-Feb-14	29.9	<1.66	769	2,780
	13-Nov-13	28.0	2.80	655	2,980
	12-Aug-13	26.8	3.50	780	2,800
	10-May-13	34.1	<1.66	385	3,160
	12-Feb-13	33.7	<1.72	735	2,840
	7-Nov-12	23.8	2.10	751	3,090
	7-Aug-12	26.1	2.10	779	2,860
	30-Apr-12	43.8	<1.72	784	3,120
	26-Jan-12	27.5	<2.17	735	2,800
	7-Nov-11	21.9	<2.17	735	3,060
	4-Aug-11	21.4	<2.17	735	2,840
	22-Apr-11	21.7	<2.17	754	2,640
	26-Jan-11	22.8	<2.17	768	3,130
	22-Sep-10	23.1	<10.0	750	2,850
	30-Jun-10	26	<5.0	810	3,000
	25-Mar-10	10.3	ND	940	2,740
	15-Dec-09	14.3	ND	910	2,832
	2-Sep-09	12.8	ND	840	2,746
	4-Jun-09	16.3	ND	970	2,768
	5-Mar-09	19.4	ND	845	2,800

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
<b>Mountain View Dairy</b>					
70-01	9-May-22	15	<2.0	700	3,330
	15-Feb-22	20	<5.0	690	3,170
	5-Nov-21	20	<5.0	850	3,320
	10-Aug-21	23	<5.0	750	3,130
	10-May-21	22	<5.0	750	3,180
	16-Feb-21	23	<5.0	800	3,140
	12-Nov-20	26	<5.0	720	3,030
	14-Aug-20	27	<5.0	770	3,150
	13-May-20	27	<5.0	710	3,000
	10-Feb-20	28	<5.0	770	3,210
	15-Nov-19	29	<5.0	770	3,460
	7-Aug-19	31	<5.0	850	3,450
	16-May-19	34	<5.0	850	3,370
	26-Feb-19	33	<5.0	840	3,390
	15-Nov-18	32	<5.0	770	3,080
	15-Aug-18	37	<5.0	900	3,530
	21-May-18	39	<5.0	860	3,410
	13-Feb-18	30	<5.0	810	3,010
	9-Nov-17	25.6	0.113	687	2,620
	14-Aug-17	24.3	0.290	723	2,740
	19-May-17	22.4	<0.0501	660	2,540
	20-Feb-17	21.8	<0.0501	643	2,530
	22-Nov-16	20.8	<0.300	696	2,790
	19-Aug-16	23.5	<0.937	532	2,740
	24-May-16	22.8	<2.24	629	2,720
	16-Feb-16	25.6	1.68	673	2,650
	12-Nov-15	26.0	5.04	630	2,560
	19-Aug-15	34.5	5.60	812	2,660
	12-May-15	23.2	9.10	597	2,520
	10-Feb-15	22.5	10.5	594	2,560
	17-Nov-14	22.0	<1.80	621	2,620
	20-Aug-14	22.5	<1.80	596	2,610
	15-May-14	23.3	2.10	632	2,540
	19-Feb-14	22.6	<1.66	616	2,620
	14-Nov-13	22.3	3.50	510	2,620
	8-Aug-13	22.8	2.80	638	2,670
	9-May-13	22.4	<1.66	616	2,740
	13-Feb-13	24.7	<1.72	655	2,680
	7-Nov-12	21.2	<1.72	636	2,700
	7-Aug-12	21.4	2.10	637	2,700
25-Apr-12	21.7	<1.72	659	2,490	
2-Feb-12	21.5	2.94	633	2,530	
7-Nov-11	21.1	5.18	622	1,860	
3-Aug-11	20.7	2.8	641	2,630	
22-Apr-11	22.7	22.4	646	2,760	
27-Jan-11	22.5	2.94	650	2,500	
22-Sep-10	19.3	12.3	617	2,610	
30-Jun-10	27	<1.0	600	2,400	
25-Mar-10	14.5	ND	670	2,096	
15-Dec-09	17.1	ND	640	2,218	
1-Sep-09	8.4	ND	630	2,244	
2-Jun-09	9.35	ND	640	2,112	
4-Mar-09	20.8	ND	610	2,254	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
70-02	9-May-22	33	<5.0	760	3,020
	15-Feb-22	34	<5.0	860	2,980
	5-Nov-21	35	<5.0	780	2,990
	10-Aug-21	34	<5.0	810	2,990
	10-May-21	33	<5.0	770	2,980
	16-Feb-21	34	<5.0	790	3,020
	12-Nov-20	35	<5.0	770	2,870
	14-Aug-20	34	<5.0	800	3,040
	13-May-20	34	<5.0	810	3,070
	10-Feb-20	33	<5.0	810	2,980
	12-Nov-19	33	<5.0	780	2,930
	6-Aug-19	35	<2.0	830	2,980
	16-May-19	36	<5.0	840	2,960
	26-Feb-19	32	<5.0	780	3,030
	14-Nov-18	31	<5.0	880	2,950
	15-Aug-18	34	<5.0	800	3,140
	21-May-18	33	<5.0	790	2,960
	13-Feb-18	29	<5.0	850	3,060
	9-Nov-17	30.7	<0.0500	770	2,680
	14-Aug-17	33.4	0.675	824	3,220
	19-May-17	31.3	<0.0501	791	3,070
	20-Feb-17	31.0	<0.0501	808	3,120
	22-Nov-16	31.3	1.82	831	3,150
	18-Aug-16	35.0	<0.937	849	3,270
	23-May-16	35.9	<2.24	801	3,250
	16-Feb-16	37.7	<1.18	837	3,180
	12-Nov-15	36.1	8.40	811	3,210
	19-Aug-15	35.7	<1.18	761	3,320
	12-May-15	36.3	3.50	791	3,810
	10-Feb-15	37.6	<1.80	770	3,200
	17-Nov-14	37.4	<1.80	793	3,180
	20-Aug-14	35.8	<1.80	766	3,160
	14-May-14	37.0	<1.80	781	3,220
	19-Feb-14	36.9	<1.66	793	3,160
	14-Nov-13	36.1	4.90	837	3,200
	9-Aug-13	20.9	29.4	815	2,890
	9-May-13	37.4	<1.66	790	3,260
	13-Feb-13	38.1	<1.72	841	3,160
	7-Nov-12	36.2	<1.72	820	3,300
	7-Aug-12	36.3	3.78	826	3,260
	25-Apr-12	37.9	<1.72	749	2,260
	2-Feb-12	37.5	<2.17	829	3,160
	7-Nov-11	37.7	<2.17	828	2,790
	4-Aug-11	36.8	5.04	798	3,160
	22-Apr-11	38.1	8.40	836	3,220
	27-Jan-11	44.2	6.02	863	3,390
	22-Sep-10	32.2	<10.0	829	3,070
	30-Jun-10	46	< 1.0	860	3,170
	25-Mar-10	19.6	ND	930	3,076
	15-Dec-09	18.3	ND	960	3,012
	1-Sep-09	21.4	ND	970	3,148
	2-Jun-09	17.8	ND	920	3,084
	4-Mar-09	35.8	ND	940	3,104

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
70-04	9-May-22	24	<5.0	550	3,220
	15-Feb-22	17	<2.0	600	3,000
	5-Nov-21	19	<2.0	600	3,030
	10-Aug-21	14	<2.0	610	2,990
	10-May-21	12	<2.0	560	3,010
	16-Feb-21	22	<5.0	600	2,940
	12-Nov-20	35	<5.0	630	2,940
	14-Aug-20	21	<5.0	600	2,900
	13-May-20	20	<2.0	610	2,750
	10-Feb-20	37	<5.0	670	3,190
	12-Nov-19	42	<5.0	640	3,020
	6-Aug-19	38	<2.0	640	2,940
	16-May-19	27	<5.0	680	3,020
	26-Feb-19	25	<5.0	720	3,020
	14-Nov-18	29	<5.0	780	2,980
	15-Aug-18	27	<5.0	680	3,070
	21-May-18	27	<5.0	720	3,150
	13-Feb-18	27	<5.0	710	2,860
	9-Nov-17	26.5	<0.0500	651	2,740
	14-Aug-17	24.6	0.380	655	2,820
	19-May-17	23.9	<0.0501	618	2,680
	20-Feb-17	26.1	<0.0501	644	2,970
	22-Nov-16	26.5	<0.300	625	2,900
	18-Aug-16	27.8	<0.937	739	2,920
	23-May-16	27.3	<2.24	423	2,780
	16-Feb-16	31.4	<1.18	626	2,670
	12-Nov-15	28.9	5.60	604	2,700
	19-Aug-15	29.4	<1.18	561	2,820
	12-May-15	27.5	1.40	579	2,860
	10-Feb-15	27.0	<1.80	561	2,580
	17-Nov-14	20.2	<1.80	375	2,720
	20-Aug-14	24.4	<1.80	577	2,950
	15-May-14	24.6	<1.80	610	2,630
	19-Feb-14	22.3	<1.66	607	2,580
	14-Nov-13	21.0	2.80	649	2,630
	9-Aug-13	21.7	4.20	636	2,780
	9-May-13	23.0	<1.66	630	3,510
	11-Jan-13	19.5	<1.72	613	6,200

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
<b>Buena Vista Dairy I</b>					
86-01	26-Jan-11	95.4	16.0	2,300	6,240
	20-Sep-10	86.9	<10.0	2,330	6,500
	29-Jun-10	67	<1.0	1,800	5,010
	25-Mar-10	27.0	0.28	1,770	4,814
	15-Dec-09	29.8	ND	1,750	4,670
	1-Sep-09	26.1	ND	1,510	4,474
	2-Jun-09	46.5	4.76	1,590	4,464
	4-Mar-09	42	ND	1,659	4,850
86-02	26-Jan-11	23.4	2.24	641	3,110
	20-Sep-10	24.1	<10.0	613	2,980
	29-Jun-10	21	1.1	660	3,020
	25-Mar-10	16.2	0.7	740	2,740
	15-Dec-09	10.7	0.28	730	2,818
	1-Sep-09	7.2	ND	710	2,824
	2-Jun-09	2.95	ND	700	2,802
	4-Mar-09	16.4	ND	625	2,666
<b>Bright Star Dairy</b>					
340-01	5-May-22	47	<5.0	610	2,990
	14-Feb-22	48	<5.0	630	2,950
	4-Nov-21	46	<5.0	610	2,980
	9-Aug-21	46	<5.0	580	2,940
	6-May-21	41	<5.0	580	2,900
	15-Feb-21	42	<5.0	570	2,930
	11-Nov-20	41	<5.0	560	2,940
	13-Aug-20	42	<2.0	550	2,950
	14-May-20	42	<5.0	590	2,950
	7-Feb-20	46	<5.0	560	2,850
	12-Nov-19	46	<5.0	560	2,920
	6-Aug-19	48	<2.0	590	2,830
	14-May-19	49	<5.0	610	2,990
	25-Feb-19	50	<5.0	630	3,020
	15-Nov-18	49	<5.0	540	2,880
	14-Aug-18	45	<5.0	560	2,830
	21-May-18	44	<5.0	560	2,700
	12-Feb-18	44	<5.0	640	2,870
	8-Nov-17	46.5	<0.300	576	2,920
	11-Aug-17	46.5	<0.0500	417	2,830
	18-May-17	40.7	<0.0501	579	2,890
	16-Feb-17	40.3	6.48	591	2,820
	10-Nov-16	38.2	1.14	584	2,820
	23-Aug-16	35.3	<0.937	618	3,050
	18-May-16	32.6	<2.24	594	2,980
	11-Feb-16	34.0	<1.18	621	3,080
	9-Nov-15	29.8	<1.18	578	2,820
	20-Aug-15	34.9	<1.18	486	3,080
	11-May-15	41.8	<1.18	437	3,680
	19-Feb-15	50.0	<1.80	339	2,780
	12-Nov-14	49.9	<1.80	337	2,630
	15-Aug-14	37.9	<1.80	383	2,800
	14-May-14	27.4	<1.80	608	2,770
	20-Feb-14	29.1	2.80	564	2,800
	11-Nov-13	29.2	3.50	600	2,800
	8-Aug-13	28.6	4.90	694	2,000
	9-May-13	31.1	<1.66	577	3,700
	13-Feb-13	27.0	<1.72	711	3,340
	5-Nov-12	23.8	<1.72	855	3,180
	6-Aug-12	22.7	<1.72	694	3,380
25-Apr-12	26.3	61.0	681	2,540	
2-Feb-12	27.4	<2.17	661	2,780	
4-Nov-11	26.6	4.34	691	2,910	
25-Jul-11	28.3	4.20	747	2,830	
27-Jan-11	31.1	3.50	578	2,840	
21-Sep-10	24.8	<10.0	513	3,070	
29-Jun-10	29	<0.10	610	2,810	
24-Mar-10	18.8	ND	580	2,508	
15-Dec-09	13.1	ND	650	2,608	
1-Sep-09	12.20	ND	530	2,522	
2-Jun-09	8.67	ND	590	2,434	
4-Mar-09	28.3	ND	530	2,516	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	
340-02	5-May-22	48	<5.0	630	3,040	
	14-Feb-22	55	<5.0	850	3,200	
	4-Nov-21	63	<5.0	810	3,170	
	9-Aug-21	66	<5.0	760	3,240	
	6-May-21	65	<5.0	760	3,440	
	15-Feb-21	75	<5.0	820	3,290	
	11-Nov-20	70	<5.0	810	3,190	
	14-Aug-20	72	<5.0	790	3,240	
	14-May-20	66	<5.0	780	3,170	
	7-Feb-20	75	<5.0	760	3,280	
	12-Nov-19	68	<5.0	750	3,230	
	6-Aug-19	68	<1.0	720	2,990	
	14-May-19	66	<5.0	770	3,050	
	25-Feb-19	67	<5.0	770	3,080	
	15-Nov-18	69	<5.0	750	3,060	
	14-Sep-18	78	<5.0	730	3,200	
	21-May-18	74	<5.0	710	3,220	
	12-Feb-18	84	<5.0	770	3,220	
	8-Nov-17	89.7	<0.300	820	3,010	
	11-Aug-17	92.4	<0.0500	858	3,260	
	18-May-17	101	<0.0501	896	3,260	
	16-Feb-17	101	<0.0501	875	3,350	
	10-Nov-16	93.8	<0.937	878	3,280	
	23-Aug-16	114	<0.937	1,140	3,270	
	18-May-16	Insufficient Water to Sample				
	11-Feb-16	99.1	<1.18	899	3,240	
	9-Nov-15	89.2	<1.18	870	3,200	
	20-Aug-15	83.0	<1.18	782	3,210	
	11-May-15	83.6	<1.18	802	3,100	
	9-Feb-15	91.2	<1.80	809	3,340	
	12-Nov-14	90.1	<1.80	807	3,320	
	15-Aug-14	84.4	<1.80	772	3,420	
	14-May-14	84.6	<1.80	793	3,130	
	20-Feb-14	86.8	<1.66	806	3,080	
	11-Nov-13	87.0	3.50	807	3,160	
	8-Aug-13	80.2	4.90	794	3,180	
	9-May-13	74.6	<1.66	744	3,180	
	13-Feb-13	81.6	<1.72	805	3,550	
	5-Nov-12	73.8	4.90	923	3,220	
	6-Aug-12	74.0	<1.72	749	3,380	
25-Apr-12	69.8	6.16	727	2,890		
4-Nov-11	75.0	5.74	755	3,620		
22-Jul-11	84.8	7.98	777	2,970		
27-Jan-11	94.1	2.24	760	3,500		
21-Sep-10	92.2	<10.0	778	3,260		
29-Jun-10	87	<0.10	850	3,180		
24-Mar-10	95	ND	930	3,070		
15-Dec-09	82	ND	910	3,072		
1-Sep-09	94	ND	890	3,072		
2-Jun-09	43.2	ND	880	2,954		
4-Mar-09	41.5	ND	885	3,098		



**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
<b>Former D&amp;J Dairy (Dominguez 2)</b>					
42-02	11-May-22	10	<2.0	530	2,740
	16-Feb-22	7.3	<1.0	520	2,850
	9-Nov-21	6.6	<1.0	560	2,710
	11-Aug-21	11	<2.0	520	2,660
	11-May-21	7.3	<1.0	490	2,720
	18-Feb-21	7.1	<1.0	540	2,860
	16-Nov-20	7.5	1.1	550	2,800
	18-Aug-20	8.5	<1.0	410	2,400
	22-May-20	10	<2.0	460	2,570
	11-Feb-20	10	<2.0	490	2,680
	22-Nov-19	9.1	<1.0	430	2,620
	16-Aug-19	9.3	<1.0	420	2,440
	29-May-19	7.4	<1.0	470	2,750
	6-Mar-19	7.0	<1.0	460	2,750
	4-Dec-18	7.8	<1.0	580	3,090
	22-Aug-18	7.3	1.1	450	2,600
	29-May-18	7.6	<1.0	610	3,050
	21-Feb-18	8.1	1.1	610	2,960
	1-Dec-17	10.2	0.332	590	2,510
	22-Aug-17	14.8	<0.300	514	2,630
	2-Jun-17	11.0	0.939	542	2,730
	6-Mar-17	12.3	<0.300	501	2,650
	28-Nov-16	11.1	<0.300	506	2,760
	31-Aug-16	12.8	<0.937	539	2,700
	1-Jun-16	8.79	<2.24	469	2,580
	23-Feb-16	9.10	4.48	535	2,560
	1-Dec-15	7.55	<1.18	510	2,420
	26-Aug-15	6.38	5.60	492	2,540
	18-May-15	6.92	5.60	482	2,360
	26-Feb-15	7.61	6.30	483	2,580
	18-Nov-14	8.21	<1.80	461	2,400
	26-Aug-14	7.62	<1.80	477	2,350
	21-May-14	10.2	2.10	498	2,460
	26-Feb-14	9.28	<1.66	469	2,180
	26-Nov-13	9.62	2.10	490	2,260
	20-Aug-13	14.5	4.90	459	2,360
	14-May-13	12.0	<1.66	432	2,220
	15-Feb-13	17.6	<1.72	457	2,360
	9-Nov-12	8.99	<1.72	412	2,180
	8-Aug-12	7.73	<1.72	400	1,830
1-May-12	22.5	<1.72	431	2,210	
16-Feb-12	24.5	<2.17	465	2,770	
9-Nov-11	21.2	3.08	449	2,170	
2-Aug-11	20.5	2.38	424	2,360	
25-Apr-11	29.1	<2.17	365	2,140	
28-Jan-11	22.7	6.72	408	2,150	
1-Oct-10	21.0	<10.0	355	2,010	
27-Jun-10	27	<5.0	360	2,220	
6-Mar-10	31.3	<0.3	380	2,145	
16-Jan-10	25.7	0.3	350	2,090	
15-Sep-09	24.6	0.9	350	2,075	
3-Jun-09	30.6	0.6	320	2,045	
14-Mar-09	29.6	0.7	370	2,115	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
42-03	10-May-22	33	<5.0	970	3,280
	16-Feb-22	31	<5.0	1,000	3,240
	8-Nov-21	31	<5.0	1,100	3,240
	10-Aug-21	28	<5.0	1,100	3,220
	11-May-21	28	<5.0	1,000	3,230
	17-Feb-21	29	<5.0	1,100	3,210
	16-Nov-20	30	<5.0	1,100	3,340
	18-Aug-20	30	<1.0	1,100	3,340
	20-May-20	28	<5.0	1,100	3,300
	11-Feb-20	26	<5.0	1,200	3,370
	22-Nov-19	29	<1.0	1,000	3,380
	16-Aug-19	34	<1.0	1,200	3,420
	30-May-19	30	<5.0	1,200	3,380
	6-Mar-19	32	<5.0	1,100	3,390
	4-Dec-18	41	<5.0	1,200	3,550
	22-Aug-18	40	<5.0	1,100	3,530
	29-May-18	43	<5.0	1,200	3,590
	21-Feb-18	36	<5.0	1,200	3,570
	1-Dec-17	43.6	<0.300	1,350	3,350
	23-Aug-17	54.5	<0.300	1,010	3,540
	2-Jun-17	57.1	<0.100	1,120	3,630
	6-Mar-17	49.2	<0.300	1,170	3,690
	28-Nov-16	50.2	<0.300	1,180	3,730
	31-Aug-16	93.5	<0.937	983	3,400
	1-Jun-16	90.0	<2.24	956	3,680
	23-Feb-16	68.0	<1.18	1,190	3,740
	1-Dec-15	97.9	<1.18	933	3,380
	26-Aug-15	74.7	<1.18	1,040	3,820
	18-May-15	86.9	2.1	1,010	3,470
	27-Feb-15	68.6	<1.80	1,020	3,630
	18-Nov-14	73.2	16.1	1,040	3,560
	26-Aug-14	78.0	<1.80	891	3,360
	21-May-14	62.6	<1.80	1,100	3,720
	26-Feb-14	62.8	<1.66	1,070	3,160
	26-Nov-13	62.9	2.80	1,090	3,660
	15-Aug-13	67.5	17.5	1,090	3,560
	14-May-13	59.6	<1.66	1,150	3,800
	15-Feb-13	60.3	<1.72	1,140	3,800
	9-Nov-12	56.2	<1.72	1,120	3,800
	8-Aug-12	71.1	<1.72	1,370	3,520
	1-May-12	51.5	<1.72	1,030	3,620
	16-Feb-12	51.3	<2.17	1,130	3,760
	9-Nov-11	58.9	2.80	1,000	3,660
	1-Aug-11	59.2	<2.17	1,030	3,720
	25-Apr-11	58.8	<2.17	1,080	3,620
	28-Jan-11	69.5	3.78	1,160	3,690
	1-Oct-10	63.0	<10.0	1,090	3,640
	27-Jun-10	49	<5.0	1,100	3,780
	6-Mar-10	39.6	<0.3	1,180	3,935
	16-Jan-10	43.3	<0.3	1,200	3,800
	15-Sep-09	52.3	0.3	1,130	3,765
	3-Jun-09	48.2	0.3	1,240	3,860
	14-Mar-09	32.2	<0.2	1,240	3,800

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
42-06	10-May-22	170	<1.0	520	3,420
	17-Feb-22	170	<5.0	570	3,510
	8-Nov-21	200	<5.0	650	3,620
	11-Aug-21	200	<5.0	590	3,500
	11-May-21	210	<5.0	630	3,710
	18-Feb-21	230	<5.0	720	3,800
	16-Nov-20	190	<5.0	560	3,260
	18-Aug-20	150	<1.0	480	3,030
	22-May-20	200	<5.0	620	3,480
	12-Feb-20	150	<5.0	470	2,850
	22-Nov-19	180	<1.0	360	2,760
	16-Aug-19	150	<1.0	440	2,740
	30-May-19	140	<5.0	350	2,540
	6-Mar-19	130	<5.0	470	2,810
	4-Dec-18	97	<5.0	560	2,690
	22-Aug-18	140	<5.0	420	2,850
	29-May-18	160	<5.0	610	3,060
	21-Feb-18	140	<5.0	590	2,920
	1-Dec-17	129	<0.300	522	2,350
	22-Aug-17	123	<0.300	295	2,250
	2-Jun-17	98.1	0.615	424	2,340
	6-Mar-17	102	<0.300	280	2,180
	28-Nov-16	66.9	<0.300	291	2,100
	31-Aug-16	67.9	<0.937	275	1,970
	1-Jun-16	87.7	<2.24	300	2,250
	23-Feb-16	60.0	<1.18	308	2,050
	1-Dec-15	84.5	<1.18	358	2,220
	26-Aug-15	80.7	<1.18	391	2,680
	18-May-15	90.6	2.80	373	2,160
	26-Feb-15	78.0	2.80	323	2,100
	18-Nov-14	94.6	<1.80	302	2,160
	13-Aug-14	83.6	<1.80	302	2,220
	21-May-14	87.9	2.80	395	2,440
	26-Feb-14	59.3	<1.66	417	2,380
	26-Nov-13	76.3	2.10	397	2,270
	20-Aug-13	95.1	4.90	432	2,580
	14-May-13	86.5	<1.66	413	2,390
	15-Feb-13	82.9	<1.72	457	2,430
	9-Nov-12	75.9	<1.72	478	2,570
	8-Aug-12	81.5	1.82	484	2,475
	1-May-12	87.0	1.96	720	2,920
	16-Feb-12	92.4	<2.17	630	3,100
	9-Nov-11	101	<2.17	617	3,000
	2-Aug-11	88.6	3.22	525	2,980
	25-Apr-11	72.2	<2.17	454	2,500
	28-Jan-11	69.8	4.20	421	2,780
	1-Oct-10	113	<10.0	497	2,660
	27-Jun-10	46	<5.0	400	2,550
	6-Mar-10	43.1	<0.3	480	2,510
	16-Jan-10	44.2	0.3	1,150	2,600
	14-Sep-09	54.8	0.4	450	2,600
	3-Jun-09	0.02	<0.2	1,240	3,780
	14-Mar-09	49.7	0.2	480	2,540

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
42-07	10-Nov-20	Plugged and Abandoned			
	18-Aug-20	Dry			
	11-Feb-20	Dry			
	22-Nov-19	Dry			
	16-Aug-19	Dry			
	29-May-19	Dry			
	6-Mar-19	Dry			
	4-Dec-18	Dry			
	23-Aug-18	Dry			
	29-May-18	Dry			
	21-Feb-18	Dry			
	22-Aug-17	Dry			
	2-Jun-17	Dry			
	6-Mar-17	Dry			
	28-Nov-16	Dry			
	31-Aug-16	Dry			
	1-Jun-16	Dry			
	23-Feb-16	Dry			
	1-Dec-15	Dry			
	26-Aug-15	Dry			
	18-May-15	Dry			
	26-Feb-15	Dry			
	18-Nov-14	Dry			
	26-Aug-14	Dry			
	22-May-14	Dry			
	26-Feb-14	Dry			
	26-Nov-13	Dry			
	15-Aug-13	Dry			
	14-May-13	Dry			
	15-Feb-13	Dry			
	9-Nov-12	Dry			
	8-Aug-12	Dry			
	1-May-12	Dry			
16-Feb-12	Dry				
9-Nov-11	57.9	<2.17	1,090	3,450	
2-Aug-11	Dry				
25-Apr-11	68.5	<2.17	1,230	4,080	
28-Jan-11	88.3	4.48	1,130	4,180	
1-Oct-10	92.0	<40.0	1,390	4,260	
27-Jun-10	63	<5.0	1,400	4,330	
6-Mar-10	63.1	<0.3	1,490	4,345	
16-Jan-10	59.6	<0.3	1,480	4,275	
15-Sep-09	66.6	<0.3	1,290	4,195	
3-Jun-09	57.4	<0.2	1,550	4,225	
14-Mar-09	43.7	<0.2	1,500	4,110	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	
42-08	11-May-22	24	<5.0	260	1,800	
	17-Feb-22	25	<5.0	270	1,830	
	9-Nov-21	32	<5.0	230	1,640	
	11-Aug-21	36	<5.0	220	1,700	
	11-May-21	40	<5.0	180	1,460	
	18-Feb-21	35	<5.0	250	1,730	
	16-Nov-20	42	<5.0	170	1,680	
	18-Aug-20	17	<1.0	370	2,290	
	22-May-20	42	<5.0	240	1,780	
	12-Feb-20	40	<5.0	240	1,830	
	22-Nov-19	35	<1.0	290	2,000	
	16-Aug-19	42	<1.0	290	1,920	
	29-May-19	60	<5.0	130	1,410	
	6-Mar-19	49	<5.0	96	1,310	
	4-Dec-18	36	<5.0	54	1,280	
	22-Aug-18	29	<5.0	200	1,700	
	29-May-18	27	<5.0	93	1,200	
	21-Feb-18	20	<5.0	130	1,290	
	2-Dec-17	24.0	<0.300	135	1,160	
	22-Aug-17	30.6	<0.300	203	1,580	
	2-Jun-17	32.3	1.03	43	1,030	
	6-Mar-17	36.8	<0.300	41	1,200	
	28-Nov-16	37.0	<0.300	43	1,160	
	31-Aug-16	40.6	<0.937	53	1,300	
	1-Jun-16	Dry				
	23-Feb-16	Dry				
	1-Dec-15	Dry				
	26-Aug-15	37.4	<1.18	89.6	1,640	
	18-May-15	Not Sampled - insufficient water to sample				
	26-Feb-15	44.9	<1.80	85.7	1,400	
	18-Nov-14	47.3	<1.80	117	1,440	
	26-Aug-14	36.1	<1.80	159	1,500	
	21-May-14	33.1	<1.80	149	1,470	
	26-Feb-14	32.6	<1.66	251	1,790	
	26-Nov-13	30.8	2.10	275	1,780	
	20-Aug-13	30.3	6.30	292	2,000	
	14-May-13	29.9	<1.66	259	1,880	
	15-Feb-13	31.8	<1.72	284	1,860	
	9-Nov-12	30.4	<1.72	283	1,930	
	8-Aug-12	36.4	<1.72	307	1,938	
	1-May-12	36.0	<1.72	246	1,700	
	16-Feb-12	37.0	<2.17	254	1,850	
9-Nov-11	40.0	<2.17	269	1,770		
2-Aug-11	41.3	2.38	253	2,030		
25-Apr-11	51.4	2.66	201	1,970		
28-Jan-11	46.2	5.46	219	2,020		
1-Oct-10	49.0	<10.0	288	2,160		
27-Jun-10	75	<5.0	300	2,220		
6-Mar-10	76.8	<0.3	365	2,290		
16-Jan-10	82.8	<0.3	350	2,315		
15-Sep-09	87.1	0.7	410	2,340		
3-Jun-09	65.8	0.8	380	2,175		
14-Mar-09	43.2	0.4	400	2,220		

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
42-09	10-Nov-20	Plugged and Abandoned			
	1-Dec-15	Not Sampled - Destroyed			
	26-Aug-15	57.1	<1.18	712	3,020
	18-May-15	58.0	<1.18	733	3,050
	26-Feb-15	69.8	<1.80	673	2,960
	18-Nov-14	46.4	<1.80	722	3,000
	26-Aug-14	46.5	<1.80	674	3,000
	22-May-14	59.3	<1.80	699	3,060
	26-Feb-14	53.5	<1.66	715	3,030
	26-Nov-13	51.2	2.80	731	3,030
	15-Aug-13	56.1	37.8	725	3,010
	14-May-13	51.6	<1.66	717	3,200
	15-Feb-13	47.0	<1.72	653	2,870
	9-Nov-12	48.4	<1.72	641	3,030
	8-Aug-12	49.5	<1.72	597	2,475
	1-May-12	50.3	<1.72	542	2,820
	16-Feb-12	50.7	<2.17	627	2,920
	9-Nov-11	47.8	<2.17	591	1,810
	1-Aug-11	55.0	<2.17	579	2,750
	25-Apr-11	65.8	<2.17	664	2,820
	28-Jan-11	44.9	<2.17	537	2,940
	28-Sep-10	38.0	<10.0	591	2,760
	27-Jun-10	68	<5.0	610	3,010
	6-Mar-10	Not Sampled			
	16-Jan-10	52.8	<0.3	690	2,970
	15-Sep-09	68.8	0.7	650	3,000
	3-Jun-09	66.5	0.7	690	3,000
14-Mar-09	59.5	0.4	700	3,050	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
42-10	11-May-22	6.4	<1.0	420	1,610
	15-Feb-22	6.1	<1.0	410	1,590
	9-Nov-21	4.5	<1.0	410	1,540
	12-Aug-21	3.8	<1.0	400	1,520
	12-May-21	3.0	<1.0	370	1,490
	17-Feb-21	2.1	<1.0	400	1,470
	13-Nov-20	1.4	<1.0	380	1,460
	19-Aug-20	<1.0	<1.0	380	1,440
	22-May-20	1.3	3.8	390	1,540
	12-Feb-20	1.2	<1.0	370	1,490
	25-Nov-19	0.84	<1.0	370	1,550
	19-Aug-19	<1.0	<1.0	400	1,540
	30-May-19	<1.0	<1.0	390	1,470
	6-Mar-19	<1.0	<1.0	370	1,410
	4-Dec-18	<1.0	<1.0	410	1,410
	22-Aug-18	<1.0	<1.0	370	1,390
	30-May-18	0.21	<1.0	380	1,360
	19-Feb-18	<1.0	<1.0	400	1,390
	4-Dec-17	0.592	<0.300	380	1,300
	23-Aug-17	0.469	<0.300	396	1,350
	2-Jun-17	0.429	1.23	405	1,300
	6-Mar-17	0.542	<0.300	403	1,270
	29-Nov-16	1.45	<0.300	425	1,380
	1-Sep-16	<0.305	<0.937	414	1,370
	1-Jun-16	0.354	<2.24	425	1,520
	23-Feb-16	<0.0610	<1.18	459	1,460
	1-Dec-15	0.165	<1.18	439	1,300
	25-Aug-15	<0.194	<1.18	436	1,440
	18-May-15	1.07	<1.18	471	1,360
	27-Feb-15	0.947	<1.80	439	1,520
	19-Nov-14	1.08	11.9	441	1,340
	26-Aug-14	1.08	<1.80	410	1,340
	22-May-14	1.25	<1.80	457	1,420
	26-Feb-14	0.982	<1.66	416	1,400
	26-Nov-13	1.10	2.10	435	1,420
	20-Aug-13	0.991	9.10	423	1,540
	14-May-13	0.976	<1.66	395	1,400
	15-Feb-13	<0.246	<1.72	415	1,380
	9-Nov-12	<0.0290	<1.72	397	1,350
	8-Aug-12	0.186	<1.72	403	1,328
1-May-12	0.236	<1.72	363	1,260	
16-Feb-12	<0.500	<2.17	419	1,440	
8-Nov-11	<0.500	<2.17	425	1,510	
2-Aug-11	<0.500	<2.17	469	1,540	
25-Apr-11	<0.500	<2.17	453	1,500	
28-Jan-11	2.15	<2.17	345	1,280	
1-Oct-10	0.220	<10.0	360	1,450	
27-Jun-10	<0.50	<1.0	420	1,490	
6-Mar-10	0.23	<0.3	440	1,500	
16-Jan-10	<0.03	<0.3	430	1,435	
15-Sep-09	0.16	<0.3	400	1,425	
3-Jun-09	0.21	<0.2	450	1,535	
14-Mar-09	0.02	<0.2	480	1,480	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
42-11	11-May-22	<1.0	<1.0	350	1,390
	17-Feb-22	<1.0	<1.0	380	1,410
	9-Nov-21	<1.0	<1.0	390	1,400
	12-Aug-21	<1.0	<1.0	360	1,350
	12-May-21	<1.0	<1.0	350	1,390
	17-Feb-21	<1.0	<1.0	360	1,350
	13-Nov-20	<1.0	<1.0	330	1,310
	19-Aug-20	<1.0	<1.0	300	1,250
	22-May-20	1.1	<1.0	310	1,200
	12-Feb-20	1.3	<1.0	290	1,220
	25-Nov-19	1.4	<1.0	310	1,200
	19-Aug-19	1.2	<1.0	280	1,200
	30-May-19	1.3	<1.0	280	1,180
	6-Mar-19	1.3	<1.0	260	1,160
	4-Dec-18	1.3	<1.0	290	1,160
	22-Aug-18	1.4	<1.0	270	1,190
	30-May-18	1.4	<1.0	330	1,160
	19-Feb-18	1.4	<1.0	310	1,200
	4-Dec-17	1.66	<0.300	268	1,040
	23-Aug-17	1.72	<0.300	291	1,100
	2-Jun-17	1.38	0.591	293	1,090
	3-Mar-17	1.66	<0.300	298	1,140
	29-Nov-16	2.39	<0.300	301	1,120
	1-Sep-16	1.23	<0.937	305	1,180
	1-Jun-16	1.34	<2.24	302	1,190
	23-Feb-16	1.23	<1.18	319	1,190
	1-Dec-15	1.16	<1.18	303	1,160
	25-Aug-15	1.00	<1.18	302	1,160
	18-May-15	1.79	<1.18	308	1,100
	27-Feb-15	1.66	<1.80	300	1,160
	19-Nov-14	1.83	2.10	316	1,170
	27-Aug-14	1.78	6.30	295	1,200
	22-May-14	1.87	<1.80	312	1,120
	26-Feb-14	1.44	<1.66	339	1,280
	26-Nov-13	1.43	2.80	344	1,260
	20-Aug-13	1.50	2.80	334	1,280
	14-May-13	1.78	<1.66	303	1,220
	15-Feb-13	1.64	<1.72	327	1,210
	9-Nov-12	<0.0290	<1.72	315	1,230
	8-Aug-12	1.21	<1.72	308	1,182
	1-May-12	1.24	<1.72	274	1,160
	16-Feb-12	<0.500	<2.17	337	1,240
	8-Nov-11	1.97	<2.17	334	1,480
	2-Aug-11	3.07	<2.17	308	1,160
	25-Apr-11	3.45	<2.17	304	795
	28-Jan-11	0.47	2.38	285	1,300
	1-Oct-10	0.62	<10.0	300	1,250
	27-Jun-10	3.90	<1.0	290	1,080
	6-Mar-10	0.51	<0.3	370	1,300
	16-Jan-10	0.03	<0.3	370	1,325
	15-Sep-09	0.41	<0.3	320	1,245
	3-Jun-09	3.00	0.70	300	1,080
	14-Mar-09	0.90	<0.2	310	1,225



**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
42-12	11-May-22	1.6	<1.0	250	1,080
	17-Feb-22	1.9	<1.0	270	1,090
	9-Nov-21	1.8	<1.0	270	1,080
	12-Aug-21	1.6	<1.0	290	1,110
	12-May-21	1.7	<1.0	270	1,120
	17-Feb-21	1.7	<1.0	290	1,090
	13-Nov-20	1.3	<1.0	310	1,100
	19-Aug-20	<1.0	<1.0	310	1,130
	22-May-20	1.1	<1.0	310	1,130
	12-Feb-20	1.3	<1.0	330	1,160
	25-Nov-19	1.1	<1.0	350	1,170
	19-Aug-19	<1.0	<1.0	330	1,170
	30-May-19	1.0	<1.0	320	1,180
	6-Mar-19	<1.0	<1.0	300	1,190
	4-Dec-18	<1.0	<1.0	330	1,190
	22-Aug-18	1.0	<1.0	330	1,190
	30-May-18	0.78	<1.0	370	1,200
	19-Feb-18	<1.0	<1.0	330	1,240
	4-Dec-17	0.825	0.460	321	1,030
	23-Aug-17	0.684	<0.300	325	1,170
	2-Jun-17	0.913	0.236	328	1,170
	6-Mar-17	1.07	<0.300	330	1,210
	29-Nov-16	1.84	<0.300	346	1,200
	1-Sep-16	0.731	<0.937	344	1,210
	1-Jun-16	0.949	<2.24	341	1,250
	23-Feb-16	0.789	<1.18	352	1,140
	1-Dec-15	0.917	<1.18	341	1,140
	25-Aug-15	0.774	<1.18	340	1,110
	18-May-15	1.78	<1.18	350	1,120
	27-Feb-15	1.87	<1.80	327	1,200
	19-Nov-14	2.10	<1.80	333	1,220
	26-Aug-14	1.96	48.3	319	1,290
	22-May-14	2.18	<1.80	337	1,160
	26-Feb-14	1.87	<1.66	336	1,180
	26-Nov-13	1.95	2.10	341	1,160
	20-Aug-13	1.77	3.50	337	1,200
	14-May-13	1.73	<1.66	319	1,170
	15-Feb-13	1.72	<1.72	332	1,170
	9-Nov-12	<0.0290	<1.72	315	1,170
	8-Aug-12	1.15	2.66	333	1,134
	1-May-12	0.750	<1.72	282	1,180
	16-Feb-12	<0.500	<2.17	341	1,200
	8-Nov-11	<0.500	<2.17	331	730
	2-Aug-11	<0.100	<2.17	331	1,340
	25-Apr-11	<0.500	<2.17	339	1,280
	28-Jan-11	0.580	<2.17	276	970
	1-Oct-10	4.50	<10.0	312	1,280
	27-Jun-10	0.72	<1.0	320	1,270
	6-Mar-10	0.13	<0.3	350	1,230
	16-Jan-10	0.42	<0.3	340	1,250
	15-Sep-09	0.65	<0.3	310	1,215
	3-Jun-09	0.82	<0.2	330	1,280
	14-Mar-09	0.70	<0.2	340	1,240

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	
42-13	10-May-22	21	<5.0	940	3,380	
	16-Feb-22	16	<2.0	1,000	3,330	
	8-Nov-21	16	<2.0	1,000	3,310	
	11-Aug-21	20	<5.0	1,000	3,330	
	11-May-21	20	<2.0	1,000	3,340	
	17-Feb-21	39	<5.0	1,100	3,510	
	16-Nov-20	48	<5.0	1,100	3,670	
	18-Aug-20	69	<1.0	1,000	3,710	
	22-May-20	42	<5.0	950	3,390	
	11-Feb-20	41	<5.0	990	3,520	
	22-Nov-19	33	<1.0	1,000	3,570	
	16-Aug-19	Not Sampled - Water level below pump				
	29-May-19	Not Sampled - Water level below pump				
	6-Mar-19	54	<5.0	910	3,510	
	4-Dec-18	Not Sampled - Water level below pump				
	22-Aug-18	43	<5.0	1,000	3,470	
	29-May-18	61	<5.0	970	3,590	
	21-Feb-18	57	<5.0	1,000	3,540	
	1-Dec-17	48.0	<0.300	1,090	3,240	
	23-Aug-17	Pump Not Operational				
	2-Jun-17	Pump Not Operational				
	6-Mar-17	43.6	0.374	838	3,410	
	28-Nov-16	43.5	<0.300	839	3,340	
	31-Aug-16	Not Sampled - Water level below pump				
	1-Jun-16	Not Sampled - Water level below pump				
	23-Feb-16	Not Sampled - Water level below pump				
	1-Dec-15	Not Sampled - Water level below pump				
	26-Aug-15	49.3	<1.18	756	3,480	
	18-May-15	50.6	<1.18	830	3,340	
	26-Feb-15	49.0	<1.80	781	3,420	
	18-Nov-14	54.6	<1.80	855	3,360	
	27-Aug-14	77.9	2.10	927	3,490	
	22-May-14	50.9	<1.80	873	3,560	
	26-Feb-14	50.0	<1.66	871	3,340	
	26-Nov-13	49.8	3.50	895	3,260	
	15-Aug-13	59.9	3.50	891	3,380	
	14-May-13	49.7	<1.66	809	3,320	
	15-Feb-13	54.3	<1.72	855	3,430	
	9-Nov-12	52.2	<1.72	835	3,250	
	8-Aug-12	62.3	<1.72	871	3,110	
	1-May-12	81.5	<1.72	902	3,550	
	16-Feb-12	99.1	<2.17	1,020	3,880	
9-Nov-11	61.5	<2.17	901	3,160		
2-Aug-11	106	<2.17	1,900	3,280		
25-Apr-11	55.9	<2.17	1,000	3,600		
28-Jan-11	52.6	<2.17	868	3,720		
29-Sep-10	44.5	<10.0	833	3,360		
27-Jun-10	48	<5.0	1,000	3,810		
6-Mar-10	Not Sampled					
16-Jan-10	46.3	<0.3	1,130	3,810		
15-Sep-09	54.8	0.5	1,100	3,940		
3-Jun-09	51.6	<0.2	1,110	3,775		
14-Mar-09	51.0	0.6	1,040	3,735		

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
<b>Dominguez</b>					
624-01	12-May-22	19	<2.0	750	2,550
	18-Feb-22	6.1	<1.0	670	2,340
	10-Nov-21	4.5	<1.0	650	2,220
	27-Aug-21	10	<2.0	700	2,400
	14-May-21	6.7	<1.0	560	1,960
	18-Feb-21	3.1	2.5	540	1,950
	13-Nov-20	4.3	<1.0	540	1,990
	17-Aug-20	3.7	<1.0	500	1,910
	15-May-20	6.6	<1.0	520	1,980
	12-Feb-20	8.7	<1.0	510	2,050
	15-Nov-19	13	<2.0	550	2,190
	13-Aug-19	9.2	<1.0	660	2,390
	20-May-19	12	<2.0	910	2,860
	28-Feb-19	11	<2.0	1,000	3,170
	20-Nov-18	16	<5.0	630	2,180
	29-Aug-18	9.9	<1.0	990	3,700
	22-May-18	13	<2.0	1,000	3,240
	14-Feb-18	13	<2.0	940	3,110
	14-Nov-17	12.7	<0.300	979	2,750
	15-Aug-17	14.8	<0.300	1,050	3,080
	23-May-17	14.6	<0.300	1,060	3,030
	22-Feb-17	15.3	<0.0501	997	3,210
	14-Nov-16	11.3	<0.937	1,040	3,260
	19-Aug-16	7.25	<0.937	926	2,970
	19-May-16	20.6	<2.24	808	2,710
	16-Feb-16	11.0	1.68	744	2,480
	10-Nov-15	7.06	3.36	703	2,440
	7-Aug-15	14.0	<1.18	1,010	3,110
	19-May-15	16.7	1.40	750	3,070
	12-Feb-15	9.54	2.10	798	2,880
	17-Nov-14	11.2	<1.80	790	2,620
	19-Aug-14	11.8	<1.80	794	2,590
	20-May-14	23.2	4.90	1,050	3,320
	25-Feb-14	18.6	<1.66	950	3,080
	19-Nov-13	23.6	2.10	1,080	3,250
	14-Aug-13	15.4	3.50	970	2,990
	13-May-13	20.8	<1.66	894	2,720
	14-Feb-13	15.6	<1.72	827	2,980
	12-Nov-12	12.2	<1.72	652	2,590
	9-Aug-12	17.4	2.80	1,080	3,550
30-Apr-12	8.69	36.4	1,400	4,180	
7-Feb-12	10.0	9.52	1,420	3,180	
4-Nov-11	10.8	5.60	1,430	3,460	
3-Aug-11	10.7	<2.17	1,580	3,970	
27-Apr-11	<0.500	30.8	1,330	4,040	
25-Jan-11	14.0	<2.17	1,280	3,760	
21-Sep-10	8.20	<10.0	1,260	3,780	
27-Jun-10	11	<2.0	1,600	4,520	
6-Mar-10	17.2	<0.3	910	2,610	
16-Jan-10	5.5	0.4	840	2,540	
15-Sep-09	6.5	0.6	760	2,455	
3-Jun-09	16.1	0.7	810	2,790	
14-Mar-09	21.9	0.3	1,190	3,305	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
624-02	12-May-22	13	<2.0	800	3,430
	18-Feb-22	12	<2.0	830	3,240
	11-Nov-21	7.2	<1.0	680	2,840
	27-Aug-21	4.1	<1.0	480	2,160
	14-May-21	5.6	<1.0	740	2,710
	19-Feb-21	3.6	<1.0	650	2,320
	12-Nov-20	5.2	<1.0	480	2,300
	17-Aug-20	5.4	<1.0	610	2,350
	15-May-20	4.3	<1.0	550	2,300
	12-Feb-20	4.4	<1.0	480	2,210
	15-Nov-19	5.2	<1.0	530	2,470
	13-Aug-19	7.7	<1.0	790	2,860
	20-May-19	7.4	<1.0	770	2,860
	28-Feb-19	8.2	<1.0	950	3,130
	20-Nov-18	9.4	<2.0	850	3,010
	29-Aug-18	8.9	<1.0	710	2,160
	22-May-18	10	<2.0	860	3,290
	14-Feb-18	9.1	<1.0	720	2,920
	14-Nov-17	8.97	0.364	706	2,780
	15-Aug-17	10.9	2.00	796	3,020
	23-May-17	14.2	<0.300	827	3,590
	22-Feb-17	11.7	<0.0501	793	3,060
	14-Nov-16	8.58	<0.937	747	2,850
	19-Aug-16	6.46	<0.937	692	2,590
	19-May-16	18.5	< 2.24	914	3,280
	16-Feb-16	10.2	<1.18	785	2,800
	10-Nov-15	17.2	<1.18	1,050	3,290
	7-Aug-15	15.6	<1.18	801	2,710
	19-May-15	17.3	<1.18	859	3,020
	12-Feb-15	17.0	<1.80	810	3,320
	18-Nov-14	15.6	<1.80	912	3,100
	19-Aug-14	13.9	<1.80	995	3,380
	20-May-14	12.7	2.10	1,010	3,350
	25-Feb-14	12.4	<1.66	965	3,320
	19-Nov-13	12.6	9.10	969	3,200
	14-Aug-13	11.4	4.20	1,030	3,350
	13-May-13	9.98	<1.66	950	3,360
	14-Feb-13	9.30	2.10	1,110	3,580
	12-Nov-12	12.7	<1.72	1,170	3,830
	9-Aug-12	9.69	<1.72	1,300	4,010
	30-Apr-12	16.4	4.06	1,160	3,650
	7-Feb-12	14.8	<2.17	1,200	3,720
	4-Nov-11	10.7	3.5	1,300	4,060
	3-Aug-11	12.2	<2.17	1,290	3,600
	27-Apr-11	11.6	7.70	1,340	4,170
	25-Jan-11	19.1	<2.17	1,290	3,700
	20-Sep-10	19.6	<10.0	1,300	4,130
	27-Jun-10	14	<2.0	1,400	4,230
	6-Mar-10	23.7	<0.3	1,400	3,880
	16-Jan-10	22.6	0.4	1,300	3,630
	15-Sep-09	19.9	0.8	1,260	3,625
	3-Jun-09	29.4	0.4	1,340	3,905
	14-Mar-09	26.5	0.4	1,240	3,655

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
624-04	28-Jan-20	Plugged and Abandoned			
	15-Nov-19	Dry			
	13-Aug-19	Dry			
	20-May-19	Dry			
	28-Feb-19	Dry			
	20-Nov-18	Dry			
	29-Aug-18	Dry			
	22-May-18	Dry			
	14-Feb-18	Dry			
	14-Nov-17	Dry			
	15-Aug-17	Dry			
	23-May-17	Dry			
	22-Feb-17	Dry			
	14-Nov-16	Dry			
	19-Aug-16	Dry			
	19-May-16	Dry			
	16-Feb-16	Dry			
	10-Nov-15	Dry			
	7-Aug-15	Dry			
	19-May-15	Dry			
	12-Feb-15	Dry			
	18-Nov-14	Dry			
	19-Aug-14	Dry			
	20-May-14	Dry			
	25-Feb-14	Dry			
	19-Nov-13	Dry			
	14-Aug-13	Dry			
	13-May-13	Dry			
	14-Feb-13	Dry			
	12-Nov-12	Dry			
	9-Aug-12	Dry			
	30-Apr-12	Dry			
	7-Feb-12	Dry			
	4-Nov-11	Dry			
	3-Aug-11	1.84	<2.17	478	2,760
	27-Apr-11	2.60	5.74	566	2,830
26-Jan-11	3.23	2.52	747	3,480	
21-Sep-10	6.0	<10.0	758	3,750	
27-Jun-10	3.7	1.4	810	3,950	
6-Mar-10	4.3	0.4	890	4,050	
16-Jan-10	4.2	0.7	800	3,845	
15-Sep-09	9.3	0.8	840	3,750	
3-Jun-09	16.0	0.6	520	2,900	
14-Mar-09	18.1	0.6	520	2,820	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
624-05	28-Jan-20	Plugged and Abandoned			
	15-Nov-19	11	<2.0	320	1,900
	13-Aug-19	8.1	<1.0	380	1,970
	16-May-19	7.7	<5.0	370	1,850
	28-Feb-19	6.6	<1.0	370	1,920
	20-Nov-18	Dry			
	29-Aug-18	Dry			
	22-May-18	Dry			
	14-Feb-18	Dry			
	14-Nov-17	Dry			
	15-Aug-17	Dry			
	23-May-17	Dry			
	22-Feb-17	Dry			
	14-Nov-16	Dry			
	19-Aug-16	Dry			
	19-May-16	Dry			
	16-Feb-16	Dry			
	10-Nov-15	Dry			
	7-Aug-15	Dry			
	19-May-15	Dry			
	12-Feb-15	Dry			
	18-Nov-14	Dry			
	19-Aug-14	Dry			
	20-May-14	Dry			
	25-Feb-14	Dry			
	19-Nov-13	Dry			
	14-Aug-13	Dry			
	13-May-13	Dry			
	14-Feb-13	6.72	<1.72	508	2,040
	12-Nov-12	4.82	<1.72	440	2,200
	9-Aug-12	4.11	1.82	472	2,050
	30-Apr-12	3.70	2.10	346	1,710
	7-Feb-12	3.38	<2.17	411	2,040
4-Nov-11	2.58	4.20	385	1,980	
3-Aug-11	3.34	<2.17	1,080	1,940	
27-Apr-11	3.34	4.76	424	1,840	
26-Jan-11	3.62	<2.17	392	1,740	
21-Sep-10	11.9	<10.0	449	2,300	
27-Jun-10	27	< 5.0	480	2,450	
6-Mar-10	30.5	0.4	520	2,595	
16-Jan-10	21.4	0.9	520	2,605	
15-Sep-09	34.8	1.0	530	2,620	
3-Jun-09	33.8	1.3	500	2,650	
14-Mar-09	23.9	1.2	490	2,565	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
624-06	28-Jan-2020	Plugged and Abandoned			
	15-Nov-19	Dry			
	13-Aug-19	Dry			
	20-May-19	Dry			
	28-Feb-19	Dry			
	20-Nov-18	Dry			
	29-Aug-18	Dry			
	22-May-18	Dry			
	14-Feb-18	Dry			
	14-Nov-17	Dry			
	15-Aug-17	Dry			
	23-May-17	Dry			
	22-Feb-17	Dry			
	14-Nov-16	Dry			
	19-Aug-16	Dry			
	19-May-16	Dry			
	16-Feb-16	Dry			
	10-Nov-15	Dry			
	7-Aug-15	Dry			
	19-May-15	Dry			
	12-Feb-15	Dry			
	18-Nov-14	Dry			
	19-Aug-14	Dry			
	20-May-14	Dry			
	25-Feb-14	Dry			
	19-Nov-13	Dry			
	14-Aug-13	Dry			
	13-May-13	Dry			
	14-Feb-13	31.5	<1.72	1,150	3,600
	12-Nov-12	28.3	<1.72	1,060	3,840
	9-Aug-12	30.8	7.56	1,080	3,420
	30-Apr-12	31.1	8.40	1,010	3,300
	7-Feb-12	30.9	6.30	1,080	3,020
	4-Nov-11	29.5	8.68	1,040	2,860
	3-Aug-11	29.8	<2.17	1,080	3,240
	27-Apr-11	29.0	3.50	1,050	3,180
26-Jan-11	29.1	2.94	1,080	2,760	
21-Sep-10	26.7	<10.0	1,060	3,270	
27-Jun-10	30	<5.0	1,100	3,570	
6-Mar-10	28.3	<0.3	1,250	3,550	
16-Jan-10	52.2	0.6	2,100	3,545	
15-Sep-09	27.8	0.7	1,150	3,425	
3-Jun-09	38.3	0.8	70	4,300	
14-Mar-09	36.5	0.3	1,300	3,800	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
624-07	28-Jan-20	Plugged and Abandoned			
	15-Nov-19	Dry			
	13-Aug-19	Dry			
	20-May-19	Dry			
	28-Feb-19	Dry			
	20-Nov-18	Dry			
	29-Aug-18	Dry			
	22-May-18	Dry			
	14-Feb-18	Dry			
	14-Nov-17	Dry			
	15-Aug-17	Not Sampled - insufficient water to sample			
	23-May-17	Not Sampled - insufficient water to sample			
	22-Feb-17	Not Sampled - insufficient water to sample			
	14-Nov-16	Not Sampled - insufficient water to sample			
	19-Aug-16	Not Sampled - insufficient water to sample			
	19-May-16	Not Sampled - insufficient water to sample			
	16-Feb-16	Dry			
	10-Nov-15	Not Sampled - insufficient water to sample			
	7-Aug-15	Not Sampled - insufficient water to sample			
	19-May-15	Not Sampled - insufficient water to sample			
	12-Feb-15	Not Sampled - insufficient water to sample			
	17-Nov-14	Dry			
	19-Aug-14	Not Sampled - insufficient water to sample			
	20-May-14	Dry			
	26-Feb-14	Not Sampled - insufficient water to sample			
	19-Nov-13	Dry			
	14-Aug-13	Dry			
	13-May-13	Dry			
	14-Feb-13	Dry			
	12-Nov-12	Dry			
	9-Aug-12	Dry			
	30-Apr-12	Dry			
	7-Feb-12	Not Sampled - insufficient water to sample			
	4-Nov-11	Not Sampled - insufficient water to sample			
	3-Aug-11	8.01	<2.17	473	1,600
	27-Apr-11	19.4	3.50	539	2,290
	26-Jan-11	14.7	5.60	516	1,900
	21-Sep-10	20.5	<10.0	531	2,200
	27-Jun-10	61	<5.0	880	3,550
	6-Mar-10	43.4	<0.3	1,080	3,825
16-Jan-10	49.5	0.5	840	3,275	
15-Sep-09	50.1	0.4	960	3,280	
3-Jun-09	75.2	0.8	1,525	4,980	
14-Mar-09	54.3	0.3	1,160	3,580	



**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
624-08	28-Jan-20	Plugged and Abandoned			
	15-Nov-19	Dry			
	13-Aug-19	Dry			
	16-May-19	Dry			
	28-Feb-19	Dry			
	20-Nov-18	Dry			
	29-Aug-18	Dry			
	22-May-18	Dry			
	14-Feb-18	Dry			
	14-Nov-17	Dry			
	15-Aug-17	Dry			
	23-May-17	Dry			
	22-Feb-17	Dry			
	14-Nov-16	Dry			
	19-Aug-16	Dry			
	19-May-16	Dry			
	16-Feb-16	Dry			
	10-Nov-15	Dry			
	7-Aug-15	Dry			
	19-May-15	Dry			
	12-Feb-15	Dry			
	18-Nov-14	Dry			
	19-Aug-14	Dry			
	20-May-14	Dry			
	26-Feb-14	Dry			
	19-Nov-13	Dry			
	14-Aug-13	Dry			
	13-May-13	Dry			
	14-Feb-13	Dry			
	9-Aug-12	Dry			
	30-Apr-12	Dry			
	7-Feb-12	Dry			
	4-Nov-11	Dry			
3-Aug-11	Dry				
27-Apr-11	2.45	3.50	200	1,400	
26-Jan-11	1.7	8.12	222	2,940	
21-Sep-10	<2.50	<10.0	197	1,200	
27-Jun-10	2.0	<1.0	220	1,310	
6-Mar-10	0.65	<0.3	280	1,330	
16-Jan-10	0.89	<0.3	240	1,215	
15-Sep-09	2.3	0.3	200	1,205	
3-Jun-09	1.7	0.7	210	1,280	
14-Mar-09	1.8	<0.2	205	1,165	
624-09	13-May-22	2.4	1.7	270	1,700
	18-Feb-22	1.6	1.1	310	1,880
	10-Nov-21	2.8	1.5	370	2,010
	12-Aug-21	2.6	<2.0	380	2,070
	12-May-21	6.8	1.5	440	2,420
	19-Feb-21	13	11	600	2,820
	13-Nov-20	1.3	3.6	260	1,440
	17-Aug-20	3.5	2.5	370	1,970
	14-May-20	<1.0	2.2	320	1,480
	13-Feb-20	<1.0	<2.0	320	2,130
624-10	12-May-22	5.8	<1.0	410	2,420
	18-Feb-22	14	<2.0	390	2,200
	10-Nov-21	8.9	1.7	440	2,330
	12-Aug-21	19	13	350	2,190
	12-May-21	17	<2.0	420	2,320
	19-Feb-21	2.9	<2.0	540	2,690
	13-Nov-20	2.3	1.4	500	2,710
	17-Aug-20	5.7	<2.0	520	2,700
	14-May-20	2.3	<2.0	490	2,640
	13-Feb-20	4.2	8.7	450	2,720
624-11	12-May-22	9.6	<1.0	1,000	3,340
	18-Feb-22	9.7	1.1	1,100	3,220
	11-Nov-21	9.8	<1.0	1,000	3,330
	27-Aug-21	14	<2.0	1,000	3,320
	14-May-21	11	<2.0	1,100	3,330
	19-Feb-21	11	<2.0	1,100	3,300
	12-Nov-20	11	2.2	1,100	3,200
	17-Aug-20	11	<2.0	1,200	3,440
	15-May-20	12	<2.0	1,200	3,510
	13-Feb-20	9.2	7.0	910	3,650

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
<b>Gonzalez</b>					
177-01	7-Aug-19	16	<2.0	1,500	4,260
	20-May-19	18	<2.0	1,600	4,230
	27-Feb-19	17	<2.0	1,600	4,290
	15-Nov-18	19	<2.0	1,500	4,250
	21-Aug-18	17	<2.0	1,400	4,350
	22-May-18	19	<2.0	1,500	4,260
	14-Feb-18	18	<2.0	1,600	4,310
	10-Nov-17	16.2	0.750	1,400	4,130
	14-Aug-17	20.2	1.21	1,400	4,220
	22-May-17	22.5	<0.0501	1,370	4,200
	22-Feb-17	24.0	<0.0501	1,380	4,330
	10-Nov-16	23.7	<0.937	1,380	4,090
	23-Aug-16	23.4	<0.937	1,420	4,030
	20-May-16	25.6	4.04	1,370	4,400
	11-Feb-16	28.9	1.68	1,400	4,100
	11-Nov-15	30.3	<1.18	1,370	4,260
	21-Aug-15	12.0	1.40	1,410	4,220
	13-May-15	30.4	<1.18	1,370	4,160
	11-Feb-15	33.5	<1.80	1,190	4,160
	13-Nov-14	34.6	<1.80	1,330	3,780
	18-Aug-14	30.5	2.80	1,100	3,780
	16-May-14	33.8	<1.80	1,380	3,840
	21-Feb-14	33.7	<1.66	1,310	3,870
	18-Nov-13	33.2	2.80	1,330	3,740
	13-Aug-13	32.2	4.20	1,370	3,850
	15-May-13	31.6	<1.66	1,300	3,940
	19-Feb-13	28.4	<1.72	1,310	3,930
	13-Nov-12	27.7	<1.72	1,190	3,780
	13-Aug-12	27.3	2.52	1,160	3,790
	26-Apr-12	28.5	<1.72	1,460	3,500
	6-Feb-12	28.1	<2.17	1,180	3,650
	3-Nov-11	27.4	2.66	1,170	3,790
	2-Aug-11	26.0	2.24	1,200	4,000
	4-May-11	26.6	<2.17	1,160	4,020
25-Jan-11	23.3	4.06	1,160	3,540	
20-Sep-10	17.6	12.7	1,120	3,480	
29-Jun-10	34	<1.0	1,200	3,660	
28-Apr-10	31	<5.0	1,200	3,680	
20-Jan-10	32	<5.0	1,200	3,640	
21-Oct-09	35	<5.0	1,100	3,700	
7-Jul-09	35	<5.0	1,400	3,700	
6-May-09	34	<5.0	1,300	3,700	
22-Jan-09	33	<5.0	1,300	3,700	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
177-02	7-Aug-19	7.7	<1.0	290	1,590
	20-May-19	9.8	<2.0	380	1,800
	27-Feb-19	15	<2.0	580	2,380
	15-Nov-18	7.3	<1.0	280	1,590
	21-Aug-18	15	2.2	590	2,480
	22-May-18	4.7	<1.0	200	1,460
	14-Feb-18	7.4	<1.0	330	1,940
	10-Nov-17	7.89	0.901	247	1,820
	14-Aug-17	24.5	<0.0500	1,050	3,300
	22-May-17	27.4	<0.0501	1,010	3,090
	22-Feb-17	25.0	0.389	911	2,960
	10-Nov-16	20.4	1.14	894	2,800
	23-Aug-16	21.9	<0.937	967	2,980
	20-May-16	22.1	<2.24	798	3,040
	11-Feb-16	24.4	<1.18	847	2,820
	11-Nov-15	20.3	<1.18	824	2,800
	21-Aug-15	18.2	<1.18	797	2,840
	13-May-15	17.3	1.40	923	2,980
	12-Feb-15	17.5	<1.80	835	3,160
	14-Nov-14	16.3	<1.80	931	2,930
	18-Aug-14	17.1	<1.80	864	2,810
	16-May-14	43.0	<1.80	803	2,980
	21-Feb-14	67.9	<1.66	725	3,180
	18-Nov-13	111	2.80	682	3,150
	13-Aug-13	30.7	4.20	794	3,020
	15-May-13	27.6	<1.66	910	3,000
	19-Feb-13	29.3	<1.72	902	3,100
	13-Nov-12	35.8	<1.72	870	3,320
	13-Aug-12	47.4	7.70	899	3,650
	26-Apr-12	36.0	<1.72	881	2,960
	6-Feb-12	37.0	<2.17	958	3,320
	3-Nov-11	32.7	<2.17	971	3,450
	3-Aug-11	34.4	2.80	997	3,340
	4-May-11	38.1	2.52	1,050	3,580
	25-Jan-11	31.6	3.36	1,050	3,640
	20-Sep-10	78.0	<10.0	964	3,630
	29-Jun-10	58	<1.0	1,000	3,830
	28-Apr-10	60	<5.0	1,100	3,860
	20-Jan-10	59	<5.0	1,200	4,020
	21-Oct-09	50	<5.0	1,200	4,000
	7-Jul-09	56	<5.0	1,300	4,000
	6-May-09	52	<5.0	1,200	4,000
	22-Jan-09	72	<5.0	1,300	4,000

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
177-03A	13-Aug-19	14	<2.0	670	2,800
	20-May-19	15	<2.0	690	2,670
	27-Feb-19	14	<2.0	680	2,770
	20-Nov-18	12	<2.0	590	2,700
	21-Aug-18	2.9	<1.0	400	1,800
	22-May-18	13	<2.0	700	2,650
	15-Feb-18	3.70	<1.0	510	1,770
	10-Nov-17	2.76	2.29	455	2,010
	15-Aug-17	8.78	1.58	526	2,860
	22-May-17	7.50	0.362	601	2,440
	23-Feb-17	7.69	<0.0501	693	2,670
	11-Nov-16	7.30	<0.937	333	2,540
	24-Aug-16	14.9	<0.937	1,130	3,990
	20-May-16	5.41	<2.24	768	2,620
	12-Feb-16	16.9	<1.18	1,270	4,220
	11-Nov-15	5.67	<1.18	821	2,760
	21-Aug-15	6.35	<1.18	745	2,600
	14-May-15	9.94	<1.18	871	2,900
	11-Feb-15	17.7	<1.80	1,020	3,880
	13-Nov-14	0.993	<1.80	486	1,780
	19-Aug-14	10.9	<1.80	859	2,720
	19-May-14	11.4	<1.80	950	3,220
	24-Feb-14	15.6	2.10	1,160	3,900
	18-Nov-13	14.3	2.10	1,150	3,490
	13-Aug-13	17.1	2.80	1,230	4,120
	15-May-13	16.0	<1.66	1,150	3,530
	18-Feb-13	15.5	<1.72	1,290	3,900
	13-Nov-12	12.2	<1.72	1,150	3,900
	13-Aug-12	7.86	<1.72	835	2,810
	26-Apr-12	1.16	<1.72	378	1,430
	6-Feb-12	2.00	<2.17	452	1,580
	4-Nov-11	<0.500	3.50	436	1,850

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
177-04	13-Aug-19	14	<2.0	830	3,210
	20-May-19	14	<2.0	840	3,200
	27-Feb-19	16	<2.0	930	3,370
	20-Nov-18	15	<2.0	880	3,400
	21-Aug-18	15	<2.0	810	3,450
	22-May-18	16	<2.0	900	3,590
	15-Feb-18	16	<2.0	1,000	3,640
	10-Nov-17	16.2	2.46	983	3,390
	16-Aug-17	17.0	<0.0500	1,090	3,700
	22-May-17	16.4	0.921	1,130	3,880
	23-Feb-17	18.0	<0.0501	1,140	3,810
	11-Nov-16	14.8	<0.937	1,040	4,020
	24-Aug-16	14.5	<0.937	647	4,220
	23-May-16	0.329	<2.24	378	1,440
	12-Feb-16	49.8	<1.18	1,070	4,080
	11-Nov-15	19.3	7.28	1,360	4,080
	21-Aug-15	7.50	<1.18	1,420	4,040
	14-May-15	19.4	<1.18	1,330	3,910
	12-Feb-15	18.7	<1.80	1,110	3,730
	13-Nov-14	22.5	<1.80	1,190	3,680
	19-Aug-14	18.2	<1.80	1,150	3,830
	19-May-14	17.5	<1.80	1,320	3,970
	24-Feb-14	17.6	<1.66	1,290	4,020
	18-Nov-13	23.0	2.80	1,260	3,850
	13-Aug-13	19.1	2.10	1,270	3,530
	15-May-13	19.4	<1.66	1,110	3,600
	18-Feb-13	20.5	<1.72	1,120	3,450
	13-Nov-12	22.3	<1.72	1,070	3,630
	13-Aug-12	19.7	<1.72	1,000	3,720
	26-Apr-12	21.7	<1.72	1,050	3,480
	2-Feb-12	22.5	<2.17	1,100	3,650
	3-Nov-11	27.5	<2.17	1,100	3,500
	2-Aug-11	21.6	<2.17	1,080	3,670
	4-May-11	21.2	3.64	1,100	3,740
	25-Jan-11	17.5	2.38	1,150	3,760
	20-Sep-10	4.83	<10.0	1,180	4,030
	29-Jun-10	26	<1.0	1,200	4,010
	28-Apr-10	26	<5.0	1,300	4,090
	20-Jan-10	27	<5.0	1,400	4,090
	21-Oct-09	29	<5.0	1,400	4,100
	7-Jul-09	32	<5.0	1,400	3,990
	6-May-09	32	<5.0	1,300	3,800
	22-Jan-09	26	<5.0	1,200	1,700

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
177-05	13-Aug-19	24	<5.0	1,400	4,180
177-05	20-May-19	30	<5.0	1,400	4,080
177-05	27-Feb-19	24	<5.0	1,400	4,090
177-05	20-Nov-18	27	<5.0	1,300	4,020
177-05	21-Aug-18	28	<5.0	1,300	4,260
177-05	22-May-18	32	<5.0	1,300	4,240
177-05	15-Feb-18	33	<5.0	1,600	4,380
177-05	10-Nov-17	30.8	0.112	1,350	4,100
177-05	15-Aug-17	36.2	0.605	1,450	4,490
177-05	22-May-17	31.2	0.621	1,390	4,250
177-05	23-Feb-17	50.2	<0.0501	1,170	3,550
177-05	11-Nov-16	27.4	<0.937	1,170	3,900
177-05	24-Aug-16	25.4	<0.937	1,340	3,930
177-05	20-May-16	27.4	<2.24	1,290	4,030
177-05	12-Feb-16	17.8	3.36	1,380	3,330
177-05	11-Nov-15	30.8	7.28	1,230	3,840
177-05	21-Aug-15	34.0	<1.18	1,300	3,920
177-05	13-May-15	46.5	<1.18	1,110	3,440
177-05	11-Feb-15	36.8	<1.80	1,250	4,060
177-05	13-Nov-14	56.1	<1.80	1,110	3,260
177-05	19-Aug-14	18.1	<1.80	1,680	4,800
177-05	19-May-14	35.7	<1.80	1,400	4,000
177-05	24-Feb-14	26.6	<1.66	1,600	4,460
177-05	18-Nov-13	33.5	2.10	1,580	4,360
177-05	13-Aug-13	30.5	2.80	1,640	4,420
177-05	15-May-13	29.8	<1.66	1,510	4,160
177-05	18-Feb-13	32.6	<1.72	1,430	3,900
177-05	13-Nov-12	37.1	<1.72	1,240	4,050
177-05	13-Aug-12	37.6	2.66	1,390	4,360
177-05	26-Apr-12	47.1	<1.72	1,090	3,440
177-05	2-Feb-12	42.2	<2.17	1,170	3,590
177-05	3-Nov-11	30.6	<2.17	1,190	3,060
177-05	2-Aug-11	36.3	<2.17	1,120	3,420
177-05	4-May-11	40.6	5.60	1,090	3,500
177-05	25-Jan-11	39.2	2.10	1,060	3,240
177-05	20-Sep-10	7.39	<10.0	1,050	3,500
177-05	29-Jun-10	39	<1.0	1,100	3,470
177-05	28-Apr-10	40	<5.0	1,200	3,460
177-05	20-Jan-10	43	<5.0	1,100	3,330
177-05	21-Oct-09	50	<5.0	1,100	3,300
177-05	7-Jul-09	38	<5.0	1,200	3,270
177-05	6-May-09	40	<5.0	1,100	3,100
177-05	22-Jan-09	40	<5.0	1,100	3,000

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	
177-06	13-Aug-19				Dry	
	8-May-19				Dry	
	27-Feb-19				Dry	
	20-Nov-18				Dry	
	21-Aug-18				Dry	
	22-May-18				Dry	
	15-Feb-18				Dry	
	10-Nov-17				Dry	
	14-Aug-17				Dry	
	22-May-17				Dry	
	23-Feb-17				Dry	
	11-Nov-16				Dry	
	24-Aug-16				Dry	
	23-May-16				Dry	
	12-Feb-16				Dry	
	11-Nov-15				Dry	
	21-Aug-15				Dry	
	13-May-15				Dry	
	11-Feb-15				Dry	
	13-Nov-14				Dry	
	13-Aug-14				Dry	
	13-Aug-14				Dry	
	19-May-14				Dry	
	24-Feb-14				Dry	
	21-Nov-13		24.1	14.0	1,080	3,110
	18-Nov-13		Not Sampled - insufficient water to sample			
	13-Aug-13		Not Sampled - insufficient water to sample			
	15-May-13		Not Sampled - insufficient water to sample			
	18-Feb-13		17.4	<1.72	963	3,000
	13-Nov-12		16.1	<1.72	918	3,020
	26-Apr-12					Dry
	2-Feb-12		16.1	4.76	934	2,940
	7-Dec-11		15.1	<2.17	892	2,760
	2-Aug-11		16.1	<2.17	910	3,020
	4-May-11		17.2	4.90	955	2,930
	25-Jan-11		19.2	<2.05	923	2,740
20-Sep-10		<2.50	<10.0	890	2,880	
29-Jun-10		23	<1.0	940	2,960	
28-Apr-10		21	<5.0	980	2,960	
20-Jan-10		26	<5.0	1,000	2,910	
21-Oct-09		25	<5.0	980	2,900	
7-Jul-09		25	<5.0	1,000	2,850	
6-May-09		25	<5.0	1,000	2,800	
22-Jan-09		23	<5.0	960	2,800	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
177-07	15-Mar-03	44.4	1.5	1,205	4,007
177-07R	7-Aug-19	22	<5.0	790	3,000
	20-May-19	23	<5.0	850	3,030
	27-Feb-19	25	<5.0	860	3,110
	20-Nov-18	25	<5.0	840	3,170
	21-Aug-18	26	<5.0	920	3,380
	22-May-18	28	<5.0	1,000	3,490
	14-Feb-18	28	<5.0	1,000	3,500
	10-Nov-17	30.2	<0.0500	1,070	3,330
	14-Aug-17	32.6	<0.0500	1,100	3,680
	22-May-17	29.5	<0.0501	1,080	3,680
	23-Feb-17	38.5	<0.0501	1,070	3,550
	11-Nov-16	35.2	<0.937	1,020	3,560
	23-Aug-16	40.0	<0.937	2,250	3,650
	23-May-16	42.1	<2.24	1,040	3,580
	11-Feb-16	39.5	<1.18	1,100	3,600
	11-Nov-15	37.1	12.9	1,110	3,480
	21-Aug-15	35.0	<1.18	1,170	3,600
	14-May-15	45.1	<1.18	1,130	3,580
	12-Feb-15	46.9	<1.80	1,070	3,510
	14-Nov-14	45.3	<1.80	1,070	3,250
	19-Aug-14	28.2	<1.80	980	3,120
	19-May-14	22.7	2.10	895	2,910
	24-Feb-14	22.7	<1.66	903	3,080
	18-Nov-13	21.5	2.10	911	3,060
	13-Aug-13	30.3	2.80	1,010	3,540
	15-May-13	29.2	<1.66	1,000	3,420
	19-Feb-13	31.0	<1.72	976	3,360
	13-Nov-12	31.0	<1.72	1,040	3,570
13-Aug-12	26.5	<1.72	1,040	3,670	
26-Apr-12	22.8	<1.72	1,010	2,690	
6-Feb-12	28.5	5.60	1,060	2,730	
4-Nov-11	29.3	2.66	1,050	2,830	
3-Aug-11	25.2	2.80	1,050	3,250	
7-Apr-11	21.4	2.52	1,070	8,660	
<b>NMWQCC Standard</b>		<b>10</b>	<b>NA</b>	<b>250</b>	<b>1,000</b>
<b>Existing Conditions - August 2020</b>		<b>NA</b>	<b>NA</b>	<b>1,800</b>	<b>1,598</b>
<b>Existing Conditions - Pre-August 2020*</b>		<b>NA</b>	<b>NA</b>	<b>1,015</b>	<b>3,178</b>



**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
<b>Central Area</b>					
<b>Buena Vista Dairy II</b>					
74-01	13-May-22	15	<2.0	780	3,020
	22-Feb-22	7.2	<1.0	850	2,940
	12-Nov-21	17	<2.0	880	3,130
	7-Sep-21	35	<5.0	900	3,410
	17-May-21	11	<2.0	980	3,590
	22-Feb-21	8.6	3.6	1,100	3,940
	17-Nov-20	5.9	3.9	1,200	9,800
	21-Aug-20	17	<2.0	820	2,790
	18-May-20	66	<5.0	1,100	3,570
	14-Feb-20	72	<5.0	1,200	4,050
	19-Nov-19	68	<5.0	1,100	3,960
	14-Aug-19	24	<5.0	820	2,910
	21-May-19	39	<5.0	850	3,110
	28-Feb-19	52	<5.0	930	3,460
	16-Nov-18	65	<5.0	1,100	3,820
	29-Aug-18	64	<5.0	1,100	3,000
	23-May-18	34	<5.0	790	3,140
	19-Feb-18	49	<5.0	960	3,290
	14-Nov-17	41.5	<0.0500	871	3,100
	16-Aug-17	56.7	<0.0500	1,030	3,590
	26-May-17	26.2	<0.0501	756	2,810
	24-Feb-17	35.2	<0.300	799	3,060
	14-Nov-16	46.8	<0.937	702	3,360
	24-Aug-16	60.2	<0.937	1,000	3,690
	25-May-16	51.1	<2.24	739	3,060
	18-Feb-16	32.1	<1.18	763	2,840
	12-Nov-15	15.9	12.3	725	2,630
	24-Aug-15	67.4	<1.18	902	3,360
	19-May-15	59.2	2.80	784	3,060
	13-Feb-15	59.9	<1.80	812	3,160
	19-Nov-14	23.9	<1.80	891	2,930
	20-Aug-14	76.2	<1.80	866	3,480
	20-May-14	62.6	2.10	816	3,080
	3-Mar-14	57.2	2.10	855	3,200
	19-Nov-13	63.6	4.20	898	3,210
	21-Aug-13	63.9	2.80	829	3,180
	16-May-13	72.3	<1.66	816	3,090
	19-Feb-13	59.1	<1.72	840	3,140
	14-Nov-12	94.2	8.40	963	3,510
	10-Aug-12	78.6	3.50	922	2,150
3-May-12	65.3	<1.72	778	3,265	
8-Feb-12	Not Sampled				
3-Nov-11	64.6	<2.17	811	2,830	
1-Aug-11	73.2	<2.17	770	3,040	
26-Apr-11	67.8	<2.17	730	3,300	
25-Jan-11	41.7	13.0	738	2,960	
17-Sep-10	36.7	<10.0	695	2,760	
29-Jun-10	74	<1.0	850	3,350	
24-Mar-10	70	ND	840	3,070	
14-Dec-09	84	0.14	750	2,480	
1-Sep-09	92	ND	730	2,914	
2-Jun-09	33.2	ND	650	2,632	
3-Mar-09	43.8	ND	735	2,666	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
74-02	13-May-22	<1.0	2.2	630	2,430
	22-Feb-22	<1.0	2.2	650	2,360
	11-Nov-21	<1.0	3.4	600	2,470
	7-Sep-21	<0.50	2.2	690	2,550
	14-May-21	<1.0	7.8	650	3,220
	22-Feb-21	<1.0	4.2	650	9,470
	17-Nov-20	30	13	510	18,900
	21-Aug-20	44	<5.0	600	2,410
	15-May-20	43	<5.0	610	2,430
	14-Feb-20	43	<5.0	640	2,540
	19-Nov-19	37	<5.0	640	2,630
	14-Aug-19	38	<5.0	560	2,310
	21-May-19	37	<5.0	600	2,380
	28-Feb-19	36	<5.0	560	2,400
	15-Nov-18	31	<5.0	550	2,230
	23-Aug-18	27	<5.0	490	2,220
	23-May-18	33	<5.0	560	2,360
	15-Feb-18	26	<5.0	640	2,260
	14-Nov-17	23.5	<0.0500	521	2,110
	15-Aug-17	23.5	<0.0500	539	2,100
	25-May-17	25.6	<0.0501	548	2,470
	24-Feb-17	33.4	<0.300	587	2,240
	14-Nov-16	34.4	7.95	603	2,440
	24-Aug-16	37.6	<0.937	581	2,480
	25-May-16	40.7	<2.24	593	2,480
	18-Feb-16	29.9	<1.18	592	2,420
	11-Nov-15	22.5	14.0	562	2,120
	24-Aug-15	26.1	<1.18	566	2,270
	19-May-15	20.7	1.40	527	2,180
	13-Feb-15	23.5	<1.80	519	2,300
	19-Nov-14	28.6	<1.80	572	2,230
	20-Aug-14	29.8	<1.80	567	2,360
	20-May-14	25.7	2.10	579	2,230
	3-Mar-14	24.7	<1.66	588	2,260
	20-Nov-13	28.8	2.10	625	2,340
	21-Aug-13	20.0	2.80	564	2,220
	16-May-13	15.5	<1.66	549	2,120
	19-Feb-13	13.9	<1.72	525	1,900
	14-Nov-12	12.7	2.10	484	2,150
	10-Aug-12	14.0	2.10	532	2,060
	3-May-12	16.4	<1.72	495	1,980
	8-Feb-12	15.2	5.46	519	2,150
	3-Nov-11	26.3	<2.17	558	2,510
	29-Jul-11	52.8	2.24	630	2,710
	26-Apr-11	93.2	<2.17	831	3,610
	25-Jan-11	65.7	2.80	824	3,670
	17-Sep-10	30.6	<10.0	665	2,400
	29-Jun-10	45	<1.0	730	2,780
	24-Mar-10	20.6	ND	810	2,612
	14-Dec-09	14.6	0.14	770	2,452
	1-Sep-09	17.3	0.7	760	2,474
	2-Jun-09	17.6	0.84	820	4,866
	3-Mar-09	45.1	ND	1,265	4,556

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
74-03	13-May-22	<1.0	<1.0	200	1,240
	22-Feb-22	<1.0	<1.0	250	1,340
	11-Nov-21	<1.0	<1.0	230	1,420
	27-Aug-21	<1.0	<1.0	240	1,570
	14-May-21	<1.0	<1.0	250	1,440
	22-Feb-21	<1.0	<1.0	260	1,500
	17-Nov-20	<0.50	<1.0	250	1,460
	19-Aug-20	<1.0	<1.0	240	1,570
	15-May-20	<1.0	<1.0	260	1,570
	14-Feb-20	<1.0	<2.0	260	1,510
	19-Nov-19	<1.0	<2.0	230	1,550
	14-Aug-19	<1.0	<2.0	260	1,520
	21-May-19	<1.0	<1.0	260	1,390
	28-Feb-19	<1.0	<1.0	250	1,550
	15-Nov-18	1.0	<1.0	300	1,760
	23-Aug-18	1.2	<1.0	360	1,900
	23-May-18	1.4	<1.0	430	2,000
	15-Feb-18	1.4	<1.0	530	2,100
	14-Nov-17	1.21	0.0626	548	2,340
	15-Aug-17	0.187	1.35	514	2,150
	25-May-17	0.941	0.187	641	2,640
	24-Feb-17	0.209	<0.300	668	2,520
	14-Nov-16	1.25	<0.937	654	2,500
	24-Aug-16	3.36	2.27	728	2,590
	25-May-16	0.646	<2.24	693	2,780
	18-Feb-16	<0.194	<1.18	804	2,920
	12-Nov-15	<0.194	3.36	1,000	3,480
	24-Aug-15	<0.194	<1.18	1,190	3,960
	19-May-15	1.02	1.40	1,310	4,300
	13-Feb-15	1.07	<1.80	1,260	4,330
	19-Nov-14	2.06	<1.80	1,380	4,390
	20-Aug-14	2.77	<1.80	1,240	4,380
	20-May-14	3.51	2.10	1,230	4,000
	3-Mar-14	5.75	<1.66	1,220	4,140
	20-Nov-13	10.7	2.80	1,200	4,070
	21-Aug-13	5.62	3.50	1,230	4,100
	16-May-13	7.88	<1.66	1,160	3,920
	19-Feb-13	2.81	<1.72	1,250	4,480
	14-Nov-12	1.06	<1.72	1,300	4,440
	10-Aug-12	2.25	<1.72	1,450	4,900
	3-May-12	9.92	<1.72	1,330	3,920
	8-Feb-12	11.0	<2.17	1,420	4,170
	3-Nov-11	27.6	<2.17	1,420	4,730
	1-Aug-11	15.0	<2.17	1,450	4,870
	26-Apr-11	4.17	<2.17	1,480	4,690
	25-Jan-11	2.02	<2.17	1,460	4,960
	20-Sep-10	21.3	<10.0	1,490	4,840
	29-Jun-10	1.5	<1.0	1,400	4,630
	24-Mar-10	6.1	ND	1,530	4,400
	14-Dec-09	14.1	ND	1,550	4,560
	1-Sep-09	18.9	ND	1,630	4,734
	2-Jun-09	2.9	ND	1,590	1,782
	3-Mar-09	2.65	ND	1,510	4,664

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
74-04	16-May-22	11	<2.0	590	2,080
	23-Feb-22	12	<2.0	730	2,300
	12-Nov-21	12	<2.0	620	2,280
	7-Sep-21	<0.50	<1.0	610	2,030
	17-May-21	8.1	<1.0	580	2,160
	22-Feb-21	11	<1.0	690	2,140
	17-Nov-20	<0.50	2.2	530	3,840
	21-Aug-20	11	<2.0	640	2,200
	18-May-20	10	<2.0	470	1,670
	14-Feb-20	12	<2.0	600	2,120
	20-Nov-19	12	<2.0	630	2,180
	14-Aug-19	11	<2.0	640	2,250
	21-May-19	15	<2.0	490	1,890
	1-Mar-19	12	<2.0	600	2,140
	16-Nov-18	12	<2.0	620	2,140
	31-Aug-18	12	<2.0	590	2,140
	23-May-18	12	<2.0	580	2,060
	19-Feb-18	9.2	<1.0	500	1,960
	14-Nov-17	10.6	<0.0500	532	1,840
	16-Aug-17	11.6	<0.0500	569	2,020
	26-May-17	18.6	<0.0501	516	1,910
	24-Feb-17	11.5	<0.300	555	1,920
	15-Nov-16	11.3	1.14	551	2,070
	25-Aug-16	13.1	<0.937	596	2,060
	25-May-16	20.0	<2.24	530	2,060
	18-Feb-16	12.9	<1.18	582	2,010
	12-Nov-15	13.5	2.24	584	2,040
	24-Aug-15	21.7	<1.18	576	2,120
	20-May-15	22.4	<1.18	524	1,900
	16-Feb-15	13.4	2.10	491	1,520
	20-Nov-14	14.7	<1.80	538	2,140
	21-Aug-14	16.3	<1.80	556	2,060
	21-May-14	20.1	<1.80	537	1,880
	3-Mar-14	18.1	<1.66	565	2,080
	19-Nov-13	17.3	2.10	570	1,910
	22-Aug-13	16.4	3.50	560	2,160
	16-May-13	17.6	<1.66	502	1,890
	20-Feb-13	18.5	<1.72	499	1,960
	14-Nov-12	19.3	<1.72	499	2,140
	10-Aug-12	18.8	<1.72	477	1,920
	3-May-12	33.6	<1.72	436	1,800
	8-Feb-12	31.6	<2.17	473	2,020
	3-Nov-11	13.4	<2.17	439	1,080
	29-Jul-11	15.3	<2.17	438	1,580
	26-Apr-11	12.8	<2.17	451	1,820
	25-Jan-11	6.50	<2.17	434	1,810
	20-Sep-10	10.6	<10.0	441	1,640
	29-Jun-10	15	<1.0	500	1,840
	24-Mar-10	11.4	0.28	570	1,792
	14-Dec-09	11.5	ND	560	1,738
	1-Sep-09	19.3	ND	550	1,792
	2-Jun-09	7.2	ND	570	2,024
	3-Mar-09	20.3	ND	530	1,884

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
74-05	16-May-22	15	<2.0	680	2,210
	23-Feb-22	13	<2.0	660	2,190
	15-Nov-21	13	<2.0	<0.50	2,200
	31-Aug-21	14	<2.0	670	2,160
	17-May-21	11	<2.0	790	2,280
	23-Feb-21	6.3	2.2	690	2,210
	17-Nov-20	<0.50	4.2	610	3,320
	21-Aug-20	14	<2.0	630	2,170
	18-May-20	15	<2.0	650	2,160
	14-Feb-20	14	<2.0	600	2,050
	20-Nov-19	14	<2.0	540	2,080
	13-Aug-19	14	<2.0	580	2,100
	21-May-19	15	<2.0	580	2,160
	1-Mar-19	15	<2.0	590	2,140
	16-Nov-18	14	<2.0	560	2,070
	29-Aug-18	14	<2.0	560	2,890
	23-May-18	14	<2.0	580	2,110
	19-Feb-18	14	<2.0	570	2,100
	14-Nov-17	12.0	<0.0500	539	1,860
	16-Aug-17	12.7	<0.0500	561	1,950
	26-May-17	13.4	<0.0501	590	2,140
	24-Feb-17	12.8	<0.300	568	2,080
	15-Nov-16	12.0	<0.937	560	2,020
	25-Aug-16	14.7	<0.937	455	2,040
	25-May-16	15.6	<2.24	533	2,010
	18-Feb-16	15.3	2.24	569	2,040
	12-Nov-15	15.4	<1.18	561	2,020
	24-Aug-15	22.7	<1.18	505	2,040
	20-May-15	20.0	<1.18	495	1,960
	16-Feb-15	16.9	<1.80	504	1,840
	20-Nov-14	17.3	<1.80	493	1,890
	21-Aug-14	18.8	<1.8	464	1,880
	21-May-14	19.8	<1.80	452	1,860
	25-Feb-14	18.3	<1.66	506	1,960
	19-Nov-13	18.4	<1.66	493	1,840
	22-Aug-13	18.8	4.2	497	1,980
	16-May-13	17.5	<1.66	469	1,860
	20-Feb-13	17.8	<1.72	470	1,870
	14-Nov-12	17.0	<1.72	219	1,900
	10-Aug-12	18.0	<1.72	463	1,800
	3-May-12	18.0	<1.72	421	1,900
	8-Feb-12	17.4	<2.17	442	1,960
	3-Nov-11	17.9	<2.17	442	960
	29-Jul-11	23.3	<2.17	449	2,000
	26-Apr-11	21.5	<2.17	446	1,900
	25-Jan-11	16.5	<2.17	446	1,940
	17-Sep-10	17.6	<10.0	439	1,880
	29-Jun-10	32	<1.0	520	2,070
	24-Mar-10	23.2	ND	620	1,960
	14-Dec-09	15.9	ND	600	1,924
	1-Sep-09	25.2	ND	540	1,964
	2-Jun-09	10.8	ND	560	2,068
	3-Mar-09	33.2	ND	535	2,038

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
<b>River Valley Dairy</b>					
167-01	13-Aug-14	Not Sampled			
	23-May-14	Not Sampled			
	28-Feb-14	Not Sampled			
	10-Dec-13	Not Sampled			
	27-Aug-13	<0.164	10.5	290	1,260
	17-May-13	Not Sampled			
	20-Feb-13	Not Sampled			
	15-Nov-12	Not Sampled			
	14-Aug-12	Not Sampled			
	2-May-12	Not Sampled			
	30-Jan-12	Not Sampled			
	2-Nov-11	Not Sampled			
	25-Jul-11	Not Sampled			
	28-Apr-11	<0.500	3.92	720	2,960
	20-Jan-11	Not Sampled			
	27-Sep-10	1.55	9.94	731	2,540
	28-Jun-10	Not Sampled			
	5-Mar-10				
15-Jan-10					
14-Sep-09					
2-Jun-09					
15-Mar-09					
167-01A	15-Nov-17	0.213	0.379	325	1,930
	16-Aug-17	0.510	<0.300	493	2,540
	23-May-17	0.223	0.680	519	2,540
	27-Feb-17	0.168	0.974	553	2,660
	15-Nov-16	1.18	<0.937	540	2,600
	30-Aug-16	0.386	<0.937	596	5,980
	24-May-16	0.933	<2.24	587	2,900
	17-Feb-16	<0.194	<1.18	703	2,960
	16-Nov-15	<0.194	<1.18	669	2,920
	24-Aug-15	0.216	<1.18	698	2,980
	20-May-15	1.18	<1.18	693	3,020
	16-Feb-15	1.18	<1.80	669	3,070
	20-Nov-14	1.65	19.6	539	3,260
	4-Sep-14	2.52	<1.80	652	3,070
	23-May-14	1.59	2.80	666	2,860
	28-Feb-14	2.03	<1.66	656	2,820
	10-Dec-13	2.35	2.80	643	2,720
	26-Aug-13	4.84	10.5	907	3,610
	17-May-13	4.83	<1.66	794	3,420
	20-Feb-13	1.10	<1.72	845	3,360
	15-Nov-12	4.02	<1.72	778	3,440
	14-Aug-12	1.78	4.20	888	3,260
	2-May-12	2.55	1.82	781	3,180
	30-Jan-12	2.54	3.50	755	2,940
	2-Nov-11	11.2	4.62	1,080	3,620
	25-Jul-11	2.13	3.92	943	3,330
	28-Apr-11	4.03	<2.17	1,030	3,710
	20-Jan-11	1.26	2.1	968	5,100
	22-Sep-10	1.40	3.36	1,010	3,470
	28-Jun-10	6.07	1.1	1,050	3,710
5-Mar-10	9.3	0.8	1,040	3,605	
15-Jan-10	5.3	0.5	1,090	3,590	
14-Sep-09	13.4	0.6	1,040	3,530	
2-Jun-09	13.7	0.7	980	3,505	
15-Mar-09	22.2	0.2	740	3,130	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	
167-02	15-Nov-17	7.86	<0.300	818	2,460	
	16-Aug-17	7.76	<0.300	800	2,400	
	23-May-17	4.69	<0.0501	707	2,220	
	27-Feb-17	3.63	<0.300	701	2,280	
	15-Nov-16	2.32	<0.937	539	1,990	
	30-Aug-16	<0.305	<0.937	540	1,690	
	24-May-16	0.370	<2.24	521	1,680	
	17-Feb-16	<0.194	<1.18	486	1,560	
	16-Nov-15	Dry				
	24-Aug-15	Dry				
	20-May-15	Dry				
	16-Feb-15	0.878	<1.80	435	1,360	
	20-Nov-14	Dry				
	4-Sep-14	0.928	<1.80	455	1,580	
	18-Jun-14	Dry				
	28-Feb-14	Dry				
	10-Dec-13	Dry				
	23-Aug-13	Dry				
	17-May-13	Not Sampled				
	20-Feb-13	Not Sampled				
	15-Nov-12	Not Sampled				
	14-Aug-12	Not Sampled				
	30-Jan-12	Not Sampled				
	2-Nov-11	<0.500	3.64	432	650	
	25-Jul-11	Dry				
	28-Apr-11	<0.500	2.94	500	1,910	
	20-Jan-11	0.716	< 2.05	546	1,840	
	22-Sep-10	<0.846	<10.0	610	2,100	
	28-Jun-10	Not Sampled				
	5-Mar-10					
	15-Jan-10					
14-Sep-09						
2-Jun-09						
28-Apr-08	7.0	0.3	780	2,580		

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
167-03	15-Nov-17	9.61	<0.300	445	1,680
	17-Aug-17	10.4	<0.300	456	1,830
	25-May-17	9.52	<0.300	431	1,820
	27-Feb-17	8.12	<0.300	428	1,880
	15-Nov-16	8.38	6.25	429	1,790
	31-Aug-16	9.94	<0.937	465	1,840
	25-May-16	10.8	<2.24	442	1,940
	17-Feb-16	10.5	<1.18	470	1,830
	16-Nov-15	12.7	1.68	497	2,000
	25-Aug-15	13.3	<1.18	496	2,020
	20-May-15	12.6	<1.18	478	1,940
	18-Feb-15	10.3	<1.80	429	1,940
	24-Nov-14	16.2	<1.80	529	2,080
	4-Sep-14	17.1	<1.80	534	2,220
	23-May-14	16.6	2.80	440	2,200
	28-Feb-14	15.4	<1.66	516	2,140
	10-Dec-13	17.6	<1.66	578	2,310
	26-Aug-13	19.0	2.80	587	2,440
	20-May-13	16.7	<1.66	543	2,140
	21-Feb-13	13.0	<1.72	500	1,950
	15-Nov-12	15.0	<1.72	503	2,150
	14-Aug-12	16.6	<1.72	500	2,350
	2-May-12	17.5	<1.72	499	2,220
	27-Jan-12	21.0	<2.17	572	2,250
	2-Nov-11	22.0	<2.17	564	2,150
	25-Jul-11	18.5	6.16	543	2,250
	28-Apr-11	17.1	<2.17	508	2,210
	20-Jan-11	13.2	2.24	467	1,880
	22-Sep-10	9.19	<10.0	472	2,120
	28-Jun-10	20.4	<5.0	567	2,310
	5-Mar-10	18.4	<0.3	610	2,265
	15-Jan-10	13.7	0.6	620	2,015
	14-Sep-09	23.1	0.4	590	2,240
	2-Jun-09	25.0	0.5	680	2,515
	15-Mar-09	30.9	0.2	760	2,615



**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	
167-04	15-Nov-17	23.7	<0.300	982	3,280	
	17-Aug-17	26.3	<0.300	1,010	3,640	
	25-May-17	23.2	<0.300	956	3,490	
	27-Feb-17	24.0	<0.300	973	3,620	
	15-Nov-16	24.4	6.25	811	3,540	
	30-Aug-16	25.0	<0.937	1,020	3,560	
	24-May-16	25.9	<2.24	949	3,760	
	17-Feb-16	27.4	<1.18	998	3,740	
	16-Nov-15	27.2	1.68	952	3,410	
	25-Aug-15	27.0	<1.18	1,040	3,860	
	21-May-15	25.4	<1.18	1,050	3,740	
	18-Feb-15	27.7	<1.80	823	3,450	
	24-Nov-14	29.0	<1.80	908	3,520	
	4-Sep-14	25.1	<1.80	1,040	4,210	
	22-May-14	26.5	18.2	1,010	3,600	
	3-Mar-14	25.1	2.10	1,180	4,080	
	10-Dec-13	23.8	2.10	1,190	4,070	
	26-Aug-13	25.5	6.30	1,090	3,900	
	17-May-13	4.40	<1.66	796	4,170	
	20-Feb-13	21.9	<1.72	1,320	4,660	
	15-Nov-12	7.77	<1.72	1,150	4,380	
	14-Aug-12	23.2	2.10	1,110	4,540	
	2-May-12	18.6	13.6	1,050	4,020	
	27-Jan-12	15.6	3.50	1,500	4,840	
	2-Nov-11	Not Sampled - insufficient water to sample				
	26-Jul-11	19.3	4.62	1,270	4,560	
	28-Apr-11	7.95	73.1	1,610	4,960	
	20-Jan-11	Not Sampled				
	28-Jun-10					
	5-Mar-10					
	15-Jan-10					
	14-Sep-09	6.7	0.4	1,630	5,240	
	2-Jun-09	8.5	0.4	1,525	5,045	
15-Mar-09	16.4	0.2	1,570	5,210		
167-05	15-Nov-17	2.56	0.573	852	3,190	
	17-Aug-17	3.61	<0.300	831	3,390	
	25-May-17	3.93	1.01	767	3,100	
	28-Feb-17	3.35	2.88	785	3,220	
	16-Nov-16	3.57	1.70	765	3,340	
	30-Aug-16	2.94	<0.937	806	3,400	
	24-May-16	5.43	<2.24	741	3,220	
	17-Feb-16	4.42	<1.18	732	2,960	
	13-Nov-15	4.28	4.48	763	3,140	
	25-Aug-15	3.40	2.10	756	3,100	
	21-May-15	6.62	1.40	688	2,880	
	19-Feb-15	4.97	<1.80	671	3,080	
	20-Nov-14	2.62	<1.80	747	3,360	
	3-Sep-14	4.16	<1.80	709	3,240	
	23-May-14	3.62	3.50	764	3,010	
	3-Mar-14	2.25	<1.66	818	3,180	
	10-Dec-13	1.58	3.50	886	3,290	
	26-Aug-13	4.54	3.50	767	3,400	
	17-May-13	23.3	<1.66	1,120	3,140	
	21-Feb-13	3.73	<1.72	842	3,360	
	19-Nov-12	2.31	<1.72	805	3,480	
	14-Aug-12	1.48	<1.72	1,630	3,220	
	2-May-12	3.50	2.24	777	3,180	
	30-Jan-12	4.40	<2.17	808	3,140	
	2-Nov-11	3.89	3.64	782	2,560	
	26-Jul-11	4.41	3.22	792	3,070	
	28-Apr-11	12.9	2.80	976	3,630	
	20-Jan-11	3.53	2.52	748	2,980	
	23-Sep-10	2.70	<10.0	758	2,820	
	28-Jun-10	4.07	<1.0	789	2,930	
	5-Mar-10	2.9	<0.3	960	2,945	
	15-Jan-10	1.8	<0.3	380	715	
	14-Sep-09	1.9	0.4	890	2,970	
2-Jun-09	1.8	0.9	850	3,005		
15-Mar-09	4.6	0.2	910	3,230		

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
167-06	15-Nov-17	15	<0.300	565	2,230
	17-Aug-17	15.9	<0.300	589	2,220
	25-May-17	16.9	<0.300	570	2,330
	27-Feb-17	16.3	<0.300	571	2,330
	15-Nov-16	15.3	<0.937	354	2,310
	30-Aug-16	17.0	<0.937	608	2,380
	24-May-16	17.4	<2.24	607	2,440
	17-Feb-16	18.8	<1.18	633	2,400
	13-Nov-15	19.5	<1.18	650	2,550
	24-Aug-15	20.2	<1.18	642	2,620
	20-May-15	19.7	<1.18	649	2,490
	16-Feb-15	19.1	<1.80	591	2,580
	20-Nov-14	21.1	<1.80	702	2,900
	4-Sep-14	22.8	4.20	689	2,820
	22-May-14	22.8	4.20	726	2,660
	28-Feb-14	22.1	<1.66	707	2,620
	10-Dec-13	20.8	6.30	744	2,740
	26-Aug-13	29.0	2.10	757	2,740
	20-May-13	23.9	<1.66	704	2,620
	20-Feb-13	22.8	<1.72	725	2,660
	19-Nov-12	23.7	<1.72	718	2,980
	14-Aug-12	25.1	<1.72	677	2,910
	2-May-12	27.2	<1.72	688	2,480
	30-Jan-12	29.1	<2.17	754	2,880
	2-Nov-11	35.7	<2.17	716	3,390
	25-Jul-11	35.0	5.32	702	2,640
	28-Apr-11	35.4	<2.17	676	2,790
	20-Jan-11	29.6	2.38	634	2,560
	22-Sep-10	19.8	<10.0	655	2,630
	28-Jun-10	34.8	2.35	687	2,700
	5-Mar-10	30.9	<0.3	730	2,730
	15-Jan-10	26.2	0.4	750	2,755
	14-Sep-09	40.4	<0.3	700	2,680
2-Jun-09	31.5	0.4	790	2,715	
15-Mar-09	36.2	0.7	730	2,715	
167-07	15-Nov-17	0.114	<0.300	130	1,340
	17-Aug-17	0.119	<0.300	143	1,460
	23-May-17	0.120	<0.0501	140	1,210
	27-Feb-17	0.107	1.07	118	1,050
	15-Nov-16	1.26	<0.937	107	1,080
	30-Aug-16	<0.305	<0.937	123	1,370
	24-May-16	0.131	<2.24	93.6	1,460
	17-Feb-16	<0.0387	2.80	128	1,480
	13-Nov-15	<0.0387	<1.18	124	1,350
	24-Aug-15	<0.194	<1.18	542	4,990
	20-May-15	<0.0470	<1.18	206	1,540
	19-Feb-15	<0.0137	<1.80	196	1,600
	20-Nov-14	<0.126	<1.80	258	2,300
	4-Sep-14	<0.126	<1.80	609	5,680
	23-May-14	<0.187	<1.80	209	1,490
	28-Feb-14	<0.213	2.10	229	1,540
	10-Dec-13	0.960	6.30	233	1,770
	26-Aug-13	2.00	4.20	681	4,770
	17-May-13	<0.0420	<1.66	319	1,840
	20-Feb-13	<0.246	<1.72	446	3,640
	15-Nov-12	<0.0595	<1.72	498	3,280
	14-Aug-12	<0.114	4.06	1,160	6,090
	2-May-12	0.0285	<1.72	367	1,890
	30-Jan-12	<0.500	<2.17	411	1,850
	2-Nov-11	<0.500	<2.17	366	2,460
	25-Jul-11	<1.00	3.50	446	4,400
	28-Apr-11	<0.500	<2.17	292	1,750
	20-Jan-11	0.448	2.10	239	1,280
	22-Sep-10	0.0400	2.10	268	1,590
	28-Jun-10	<0.5	<2.0	287	1,600
	5-Mar-10	0.16	<0.3	370	1,650
	15-Jan-10	<0.03	<0.3	250	2,065
	14-Sep-09	0.19	<0.3	390	1,700
2-Jun-09	0.11	0.4	740	2,575	
15-Mar-09	0.11	0.2	1,090	3,165	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	
167-08	15-Nov-17	0.478	0.591	1,190	6,860	
	17-Aug-17	1.28	<0.300	1,190	3,650	
	25-May-17	0.277	0.587	1,070	3,570	
	28-Feb-17	1.06	1.14	1,100	3,670	
	16-Nov-16	0.903	<0.937	1,010	3,530	
	31-Aug-16	<0.305	<0.937	1,000	3,300	
	25-May-16	<0.305	<2.24	761	3,000	
	17-Feb-16	<0.194	<1.18	1,050	3,480	
	23-Nov-15	<0.194	<1.18	699	2,460	
	25-Aug-15	Bailer Down Well -Not Sampled				
	21-May-15	<0.0470	<1.18	733	2,680	
	24-Feb-15	<0.0137	2.10	729	2,960	
	24-Nov-14	<0.126	<1.80	944	3,020	
	4-Sep-14	<0.126	<1.80	726	2,840	
	27-May-14	<0.187	2.10	777	2,920	
	4-Mar-14	1.02	<1.66	884	3,090	
	10-Dec-13	Not Sampled				
	27-Aug-13	Not Sampled				
	21-May-13	1.13	<1.66	723	2,820	
	25-Feb-13	0.895	<1.72	827	2,640	
	15-Nov-12	Well Damaged - Not Sampled				
	14-Aug-12	0.192	<1.72	788	2,860	
	2-May-12	0.399	<1.72	744	2,580	
	30-Jan-12	<0.500	<2.17	805	2,440	
	2-Nov-11	1.93	<2.17	759	2,520	
	26-Jul-11	3.77	4.20	779	3,030	
	28-Apr-11	3.74	<2.17	793	2,740	
	20-Jan-11	<0.239	2.10	764	2,640	
	23-Sep-10	0.250	<10.0	756	2,720	
	28-Jun-10	5.51	<0.5	804	2,990	
	5-Mar-10	5.5	<0.3	830	2,750	
	15-Jan-10	0.84	<0.3	720	2,530	
	14-Sep-09	2.9	0.3	640	2,380	
2-Jun-09	2.1	0.6	750	2,785		
15-Mar-09	3.2	0.2	740	2,710		
167-09	15-Nov-17	0.289	0.631	1,050	2,510	
	17-Aug-17	0.561	<0.300	874	2,940	
	25-May-17	0.819	<0.300	748	2,830	
	27-Feb-17	0.722	1.00	631	2,540	
	15-Nov-16	0.991	<0.937	491	2,620	
	30-Aug-16	<0.305	<0.937	670	2,680	
	24-May-16	1.54	<2.24	631	2,570	
	17-Feb-16	<0.194	<1.18	576	2,500	
	13-Nov-15	<0.194	<1.18	627	2,400	
	25-Aug-15	2.30	1.40	563	2,480	
	21-May-15	4.15	<1.18	602	2,440	
	19-Feb-15	5.42	<1.80	719	2,710	
	20-Nov-14	6.31	2.80	683	2,830	
	3-Sep-14	10.5	<1.80	680	2,980	
	23-May-14	10.1	3.50	721	2,800	
	3-Mar-14	6.49	<1.66	756	2,840	
	10-Dec-13	3.82	4.90	777	2,980	
	27-Aug-13	6.24	5.60	772	3,320	
	17-May-13	10.7	<1.66	726	3,050	
	21-Feb-13	4.51	<1.72	959	3,580	
	19-Nov-12	12.8	<1.72	979	3,560	
	14-Aug-12	8.47	2.10	916	3,760	
	2-May-12	14.5	<1.72	1,070	4,000	
	30-Jan-12	13.2	2.80	1,010	3,590	
	3-Nov-11	7.53	8.40	988	3,590	
	26-Jul-11	<1.00	3.78	736	2,300	
	28-Apr-11	<0.500	2.38	467	2,140	
	20-Jan-11	0.0147	<2.05	429	2,160	
	24-Sep-10	0.0300	<10.0	432	1,500	
	28-Jun-10	<0.5	<1.0	491	2,160	
	5-Mar-10	0.05	<0.3	580	2,150	
	15-Jan-10	<0.03	<0.3	500	2,250	
	14-Sep-09	<0.03	<0.3	530	2,055	
2-Jun-09	0.04	0.7	540	2,205		
15-Mar-09	0.07	0.2	630	2,400		

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	
<b>Big Sky Dairy</b>						
833-01	5-Aug-17	Plugged and Abandoned				
	31-May-17	Dry				
	1-Mar-17	Dry				
	17-Nov-16	Dry				
	29-Aug-16	Dry				
	27-May-16	Dry				
	22-Feb-16	Dry				
	18-Nov-15	Dry				
	27-Aug-15	Dry				
	21-May-15	Dry				
	25-Feb-15	Dry				
	25-Nov-14	Dry				
	25-Aug-14	Dry				
	27-May-14	Dry				
	4-Mar-14	Dry				
	6-Nov-13	Dry				
	29-Aug-13	Dry				
	21-May-13	Dry				
	26-Feb-13	Dry				
	19-Nov-12	Dry				
	15-Aug-12	Dry				
	7-May-12	Dry				
	15-Feb-12	Dry				
	1-Nov-11	Dry				
	21-Jul-11	Dry				
	29-Apr-11	Not Sampled - insufficient water to sample				
	24-Jan-11	33.6	4.20	997	3,100	
	23-Sep-10	29.1	<10.0	881	3,300	
	28-Jun-10	1.7	1.8	180	790	
	23-Mar-10	28.3	0.7	1,025	2,640	
14-Dec-09	21.8	ND	975	2,800		
31-Aug-09	15.3	ND	999	2,894		
1-Jun-09	8.6	ND	1,030	2,382		
2-Mar-09	37.1	ND	1,070	3,750		

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
833-02	18-May-22	36	<5.0	1,400	4,030
	24-Feb-22	53	<5.0	1,200	3,580
	16-Nov-21	41	<5.0	1,300	3,920
	17-Aug-21	80	<5.0	1,300	4,100
	18-May-21	67	<5.0	1,400	4,280
	24-Feb-21	59	<5.0	1,300	3,920
	18-Nov-20	89	<5.0	1,100	3,960
	24-Aug-20	88	<5.0	1,000	3,300
	20-May-20	81	<5.0	950	3,180
	17-Feb-20	63	<5.0	1,200	3,790
	21-Nov-19	100	<5.0	1,000	3,520
	14-Aug-19	65	<5.0	1,400	4,240
	22-May-19	68	<5.0	1,400	4,230
	4-Mar-19	66	<5.0	1,300	4,180
	26-Nov-18	62	<5.0	1,300	4,240
	31-Aug-18	67	<5.0	1,300	4,190
	29-May-18	63	<5.0	1,300	4,210
	21-Feb-18	65	<5.0	1,200	4,240
	16-Nov-17	66.4	<0.0500	1,300	3,730
	1-Sep-17	90.2	<0.0500	977	3,140
	30-May-17	71.2	<0.0501	1,340	4,380
	28-Feb-17	62.3	<0.300	1,240	4,290
	18-Nov-16	68.5	<0.937	1,340	4,210
	29-Aug-16	69.5	<0.937	1,360	4,360
	31-May-16	79.9	<2.24	1,400	4,440
	22-Feb-16	48.0	<1.18	796	2,400
	18-Nov-15	74.5	4.48	1,300	4,240
	27-Aug-15	44.5	2.80	720	2,250
	22-May-15	34.5	<1.18	702	2,140
	25-Feb-15	50.9	<1.80	780	2,820
	25-Nov-14	60.4	<1.80	1,010	3,480
	25-Aug-14	24.8	<1.80	528	2,090
	27-May-14	27.0	2.10	563	2,140
	5-Mar-14	79.8	<1.66	1,120	3,920
	20-Nov-13	65.4	2.10	884	3,060
	5-Sep-13	85.8	69.3	1,080	4,270
	21-May-13	69.2	<1.66	858	3,140
	25-Feb-13	97.0	<1.72	1,110	3,820
	19-Nov-12	84.3	2.10	1,030	4,020
	15-Aug-12	37.5	2.94	535	2,440
	7-May-12	43.3	65.1	635	2,420
	15-Feb-12	87.2	4.34	889	3,660
	1-Nov-11	82.3	2.38	885	4,010
	21-Jul-11	91.6	3.08	880	3,510
	29-Apr-11	81.6	6.02	840	3,500
	24-Jan-11	69.3	2.66	789	3,090
	23-Sep-10	52.9	<10.0	833	3,650
	28-Jun-10	29	<5.0	560	2,200
	23-Mar-10	15.9	ND	660	2,066
	14-Dec-09	11.5	0.28	650	2,018
	31-Aug-09	12.4	ND	660	2,170
	1-Jun-09	<0.5	ND	650	3,358
	2-Mar-09	3.54	13.44	585	1,978

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
833-03	5-Aug-17	Plugged and Abandoned			
	30-May-17	Dry			
	1-Mar-17	Dry			
	17-Nov-16	Dry			
	29-Aug-16	Dry			
	27-May-16	Dry			
	22-Feb-16	Dry			
	18-Nov-15	Dry			
	27-Aug-15	Dry			
	21-May-15	Dry			
	25-Feb-15	Dry			
	24-Nov-14	Dry			
	25-Aug-14	Dry			
	27-May-14	Dry			
	3-Mar-14	Dry			
	6-Nov-13	Dry			
	29-Aug-13	Dry			
	21-May-13	Dry			
	25-Feb-13	Dry			
	19-Nov-12	Dry			
	15-Aug-12	Dry			
	3-May-12	Dry			
	15-Feb-12	Dry			
	1-Nov-11	Dry			
	21-Jul-11	Dry			
	4-May-11	24.8	4.20	1,660	4,120
	24-Jan-11	30.4	2.66	1,650	4,090
23-Sep-10	18.1	<10.0	1,410	3,880	
28-Jun-10	5.0	5.5	650	1,870	
23-Mar-10	14.0	ND	1,750	4,044	
14-Dec-09	11.8	0.28	1,839	4,280	
31-Aug-09	8.9	ND	1,760	4,216	
1-Jun-09	90.4	ND	1,620	3,060	
2-Mar-09	21.2	ND	1,580	3,970	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
833-04	16-May-22	36	<5.0	950	3,000
	24-Feb-22	29	<5.0	890	2,860
	15-Nov-21	24	<5.0	940	2,830
	17-Aug-21	32	<5.0	830	2,770
	17-May-21	20	<5.0	680	2,410
	23-Feb-21	21	<5.0	740	2,350
	18-Nov-20	22	<5.0	620	2,510
	24-Aug-20	18	<2.0	690	2,240
	20-May-20	18	<2.0	670	2,290
	17-Feb-20	20	<5.0	720	2,450
	20-Nov-19	31	<5.0	840	2,800
	15-Aug-19	40	<1.0	980	3,170
	23-May-19	29	<5.0	800	2,800
	4-Mar-19	31	<5.0	830	2,900
	26-Nov-18	42	<5.0	950	3,230
	4-Sep-18	40	<5.0	960	3,190
	24-May-18	34	<5.0	910	3,010
	20-Feb-18	20	<5.0	680	2,390
	20-Nov-17	32.6	<0.300	902	2,930
	31-Aug-17	37.3	<0.0500	797	2,640
	30-May-17	32.0	<0.0501	880	3,000
	1-Mar-17	31.5	<0.300	866	3,080
	18-Nov-16	39.8	<0.937	586	3,300
	29-Aug-16	40.6	<0.937	977	3,160
	27-May-16	21.6	<2.24	781	2,660
	22-Feb-16	12.7	<1.18	746	2,130
	19-Nov-15	11.8	3.36	762	2,310
	27-Aug-15	26.2	<1.18	835	2,580
	22-May-15	15.6	<1.18	766	2,290
	25-Feb-15	15.5	<1.80	666	2,260
	25-Nov-14	46.6	<1.80	914	3,280
	22-Aug-14	10.4	<1.80	677	2,230
	29-May-14	23.5	5.60	780	2,670
	4-Mar-14	50.0	<1.66	1,010	3,530
	20-Nov-13	12.8	2.10	711	2,280
	30-Aug-13	37.9	2.80	868	3,260
	21-May-13	41.9	<1.66	875	3,180
	25-Feb-13	2.45	<1.72	1,050	3,600
	19-Nov-12	50.0	<1.72	1,010	3,770
	15-Aug-12	32.7	2.66	783	2,680
	3-May-12	24.1	<1.72	623	2,920
	15-Feb-12	49.9	<2.17	942	3,320
	1-Nov-11	43.4	<2.17	867	3,040
	21-Jul-11	45.3	2.52	883	3,410
	29-Apr-11	46.2	<2.17	902	3,280
	24-Jan-11	40.9	<2.05	755	3,040
	24-Sep-10	<50.0	<10.0	915	3,480
	28-Jun-10	18	<2.0	500	1,830
	23-Mar-10	11.3	ND	560	1,648
	14-Dec-09	11.2	0.42	570	1,750
	31-Aug-09	16.1	ND	630	1,986
	1-Jun-09	3.03	ND	580	1,968
	2-Mar-09	14.6	ND	600	1,884

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
833-05	18-May-22	32	<5.0	1,200	3,500
	10-Mar-22	45	<5.0	1,200	3,490
	16-Nov-21	41	<5.0	1,200	3,510
	17-Aug-21	34	<2.0	1,300	3,490
	19-May-21	32	<5.0	1,100	3,460
	25-Feb-21	45	<5.0	1,300	3,460
	19-Nov-20	46	<5.0	1,200	3,460
	25-Aug-20	44	<5.0	1,300	3,550
	19-May-20	19	<2.0	1,100	3,180
	17-Feb-20	46	<5.0	1,300	3,620
	20-Nov-19	35	<5.0	1,300	3,500
	15-Aug-19	41	<1.0	1,300	3,600
	22-May-19	29	<5.0	1,300	3,430
	5-Mar-19	46	<5.0	1,200	3,520
	26-Nov-18	45	<5.0	1,200	3,530
	31-Aug-18	35	<5.0	1,300	3,530
	24-May-18	46	<5.0	1,100	3,350
	22-Feb-18	42	<5.0	1,200	3,530
	17-Nov-17	51.7	<0.0500	931	3,330
	31-Aug-17	42.5	<0.0500	1,220	3,350
	31-May-17	25.9	<0.0501	1,260	3,540
	1-Mar-17	20.9	<0.300	1,290	3,320
	17-Nov-16	22.4	<0.937	1,330	3,560
	29-Aug-16	21.9	<0.937	1,230	3,560
	26-May-16	20.7	<2.24	1,080	3,120
	19-Feb-16	22.3	<1.18	1,190	3,080
	18-Nov-15	20.9	<1.18	958	2,720
	27-Aug-15	22.1	2.80	833	2,350
	22-May-15	19.7	<1.18	999	2,680
	26-Feb-15	18.7	<1.80	1,050	2,970
	24-Nov-14	19.8	<1.80	992	2,680
	21-Aug-14	21.0	<1.80	752	2,320
	29-May-14	15.6	4.20	1,070	3,130
	4-Mar-14	18.5	<1.66	1,170	3,170
	25-Nov-13	17.8	2.80	1,060	2,900
	29-Aug-13	20.9	20.3	911	2,660
	21-May-13	14.7	<1.66	1,070	2,920
	26-Feb-13	16.8	<1.72	1,270	3,140
	20-Nov-12	15.0	2.10	1,070	3,100
	15-Aug-12	13.9	<1.72	1,100	3,250
	3-May-12	12.8	<1.72	1,030	2,790
	15-Feb-12	14.9	<2.17	1,230	3,100
	1-Nov-11	12.2	2.24	1,150	2,580
	21-Jul-11	12.0	2.66	1,210	3,180
	29-Apr-11	17.6	<2.17	1,330	3,300
	24-Jan-11	23.2	2.66	1,340	3,430
	24-Sep-10	28.9	<10.0	1,330	3,800
	28-Jun-10	12	<2.0	1,200	3,090
	23-Mar-10	12.2	ND	1,240	2,942
	14-Dec-09	6.7	0.56	1,280	3,096
	31-Aug-09	9.0	ND	1,220	3,152
	1-Jun-09	3.43	ND	1,230	3,026
	2-Mar-09	11	ND	1,255	3,134



**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
833-06	16-May-22	44	<5.0	890	2,840
	23-Feb-22	14	<2.0	880	2,560
	15-Nov-21	50	<5.0	820	2,850
	17-Aug-21	46	<5.0	860	2,680
	18-May-21	46	<5.0	800	2,820
	23-Feb-21	23	<5.0	920	2,630
	18-Nov-20	53	<5.0	760	2,800
	24-Aug-20	70	<5.0	900	2,790
	19-May-20	44	<5.0	820	2,790
	17-Feb-20	19	<2.0	870	2,700
	20-Nov-19	43	<5.0	810	2,660
	15-Aug-19	47	<1.0	880	2,760
	23-May-19	47	<5.0	840	2,740
	5-Mar-19	47	<5.0	780	2,710
	27-Nov-18	24	<5.0	820	2,660
	4-Sep-18	16	<2.0	670	2,260
	29-May-18	11	<2.0	740	2,260
	22-Feb-18	15	<2.0	820	2,500
	16-Nov-17	16.9	<0.0500	786	2,300
	1-Sep-17	18.5	<0.0500	803	2,470
	31-May-17	39.9	<0.0501	800	2,560
	1-Mar-17	40.4	<0.300	792	2,740
	17-Nov-16	43.2	3.41	809	2,680
	26-Aug-16	32.7	<0.937	660	2,640
	27-May-16	28.8	<2.24	711	2,380
	22-Feb-16	22.0	<1.18	706	2,300
	19-Nov-15	51.1	<1.18	752	2,560
	27-Aug-15	32.3	<1.18	708	2,360
	22-May-15	38.6	<1.18	787	2,470
	24-Feb-15	71.9	<1.80	827	3,080
	25-Nov-14	46.5	<1.80	836	2,710
	21-Aug-14	17.4	<1.80	663	2,300
	29-May-14	26.5	3.50	760	2,460
	4-Mar-14	41.9	<1.66	847	2,800
	21-Nov-13	27.4	3.50	771	2,490
	30-Aug-13	25.3	2.80	656	2,310
	20-May-13	25.9	<1.66	816	2,640
	25-Feb-13	21.6	<1.72	924	2,750
	19-Nov-12	24.2	<1.72	920	2,840
	15-Aug-12	23.4	<1.72	845	2,670
	3-May-12	20.7	<1.72	702	2,560
	14-Feb-12	26.4	<2.17	727	2,480
	2-Nov-11	28.8	3.08	688	1,900
	21-Jul-11	70.1	7.70	682	2,650
	4-May-11	36.4	7.70	717	2,440
	20-Jan-11	61.0	2.80	738	2,360
	23-Sep-10	64.3	<10.0	761	2,680
	28-Jun-10	23	<5.0	630	2,310
	23-Mar-10	24.8	2.38	700	2,184
	14-Dec-09	22.7	1.68	820	2,344
	31-Aug-09	25.1	1.96	790	2,708
	1-Jun-09	106	ND	680	2,280
	2-Mar-09	66.4	ND	610	2,160

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
833-07	18-May-22	92	<5.0	1,100	4,170
	10-Mar-22	66	<1.0	1,100	3,580
	16-Nov-21	67	<5.0	1,000	3,790
	18-Aug-21	70	<5.0	1,100	3,700
	18-May-21	65	<5.0	1,000	3,680
	24-Feb-21	62	<5.0	1,000	3,430
	19-Nov-20	62	<5.0	970	3,670
	25-Aug-20	68	<5.0	1,100	3,750
	19-May-20	67	<5.0	1,000	3,830
	17-Feb-20	68	<5.0	1,100	3,440
	20-Nov-19	74	<5.0	1,100	3,680
	15-Aug-19	74	<1.0	1,100	3,630
	22-May-19	69	<5.0	1,100	3,760
	4-Mar-19	65	<5.0	1,100	3,680
	26-Nov-18	70	<5.0	1,100	3,630
	31-Aug-18	74	<5.0	1,100	3,800
	24-May-18	74	<5.0	1,000	3,670
	22-Feb-18	63	<5.0	1,000	3,760
	17-Nov-17	68.2	<0.0500	808	3,540
	31-Aug-17	78.7	<0.0500	1,050	3,630
	30-May-17	83.3	<0.0501	1,120	4,080
	1-Mar-17	78.0	<0.300	1,140	3,990
	17-Nov-16	85.3	2.27	1,180	4,180
	29-Aug-16	92.2	<0.937	1,230	5,970
	27-May-16	100	<2.24	1,230	4,620
	18-Feb-16	97.4	<1.18	1,260	4,540
	18-Nov-15	91.0	1.68	1,130	4,150
	27-Aug-15	88.9	2.80	1,350	4,700
	22-May-15	76.7	<1.18	1,320	4,460
	25-Feb-15	86.8	<1.80	1,100	4,320
	24-Nov-14	92.5	<1.80	1,190	4,300
	21-Aug-14	83.6	5.60	1,360	4,920
	29-May-14	87.0	4.90	1,380	4,760
	4-Mar-14	73.0	<1.66	1,390	4,420
	21-Nov-13	78.3	2.80	1,330	4,380
	29-Aug-13	78.4	4.90	1,330	4,420
	21-May-13	88.7	<1.66	1,400	4,730
	26-Feb-13	95.5	<1.72	1,470	4,500
	20-Nov-12	95.1	<1.72	1,130	4,290
	15-Aug-12	99.8	2.52	1,540	5,110
	7-May-12	95.6	7.56	1,460	4,880
	15-Feb-12	90.3	<2.17	1,340	4,660
	1-Nov-11	94.2	<2.17	1,090	3,840
	21-Jul-11	105	<2.17	115	4,090
	29-Apr-11	100	<2.17	1,220	4,380
	24-Jan-11	100	2.10	1,140	4,350
	24-Sep-10	129	<10.0	933	3,800
	28-Jun-10	69	<5.0	1,300	4,160
	23-Mar-10	106	ND	1,320	3,884
	14-Dec-09	101	0.42	1,260	3,988
	31-Aug-09	74	8.68	1,180	3,978
	1-Jun-09	12.4	8.68	1,180	3,964
	2-Mar-09	33.2	ND	1,380	3,866

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
833-08	18-May-22	45	<5.0	1,200	3,740
	10-Mar-22	45	<5.0	1,600	4,200
	16-Nov-21	46	<5.0	1,100	3,590
	18-Aug-21	11	<2.0	730	2,360
	18-May-21	35	<5.0	1,200	3,540
	24-Feb-21	36	<5.0	1,300	4,010
	18-Nov-20	32	<5.0	850	3,450
	24-Aug-20	21	<5.0	880	2,650
	19-May-20	38	<5.0	820	2,860
	17-Feb-20	49	<5.0	990	3,110
	20-Nov-19	43	<5.0	850	2,930
	14-Aug-19	46	<1.0	880	3,010
	23-May-19	43	<5.0	900	2,980
	5-Mar-19	48	<5.0	890	3,040
	27-Nov-18	47	<5.0	860	2,950
	4-Sep-18	46	<5.0	830	2,820
	24-May-18	52	<5.0	840	2,980
	22-Feb-18	48	<5.0	890	3,030
	17-Nov-17	54.3	<0.0500	631	2,970
	1-Sep-17	52.3	<0.0500	917	3,250
	31-May-17	67.6	<0.0501	984	3,230
	1-Mar-17	70.3	<0.300	960	3,350
	18-Nov-16	48.3	<0.937	1,020	3,720
	29-Aug-16	25.6	<0.937	1,150	3,310
	27-May-16	46.5	5.19	1,010	3,080
	19-Feb-16	52.9	<1.18	1,140	3,020
	18-Nov-15	56.9	<1.18	533	2,010
	27-Aug-15	55.7	<1.18	569	2,360
	21-May-15	66.4	<1.18	620	2,460
	26-Feb-15	65.1	<1.80	981	3,340
	24-Nov-14	63.7	<1.80	1,130	3,320
	22-Aug-14	90.2	<1.80	672	2,900
	27-May-14	91.5	2.10	772	3,030
	4-Mar-14	100	<1.66	807	3,220
	21-Nov-13	86.3	<1.66	827	3,000
	29-Aug-13	79.6	4.90	971	3,300
	21-May-13	80.2	<1.66	953	3,320
	26-Feb-13	83.1	<1.72	877	2,940
	20-Nov-12	60.8	<1.72	1,070	3,580
	15-Aug-12	57.8	2.52	987	3,480
	3-May-12	61.4	<1.72	927	3,040
	15-Feb-12	77.6	<2.17	1,020	3,200
	1-Nov-11	69.8	4.20	966	3,080
	21-Jul-11	68.8	<2.17	963	3,240
	29-Apr-11	75.9	<2.17	950	3,330
	24-Jan-11	93.4	2.10	930	3,190
	23-Sep-10	91.8	<10.0	985	3,600
	28-Jun-10	35	<5.0	630	2,290
	23-Mar-10	33	ND	700	2,108
	14-Dec-09	31	ND	950	2,710
	31-Aug-09	63	ND	1,020	3,576
	1-Jun-09	41.4	ND	1,000	3,492
	2-Mar-09	121	ND	700	2,038

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
833-09	19-May-22	190	<5.0	1,000	4,700
	10-Mar-22	120	<1.0	910	4,160
	17-Nov-21	110	<5.0	800	3,990
	18-Aug-21	150	<5.0	1,100	4,340
	19-May-21	19	<2.0	690	2,760
	25-Feb-21	21	<5.0	750	2,740
	19-Nov-20	21	<2.0	800	2,750
	25-Aug-20	24	<5.0	790	2,970
	19-May-20	23	8.4	760	2,870
	18-Feb-20	36	<5.0	800	3,100
	21-Nov-19	33	<5.0	750	3,110
	14-Aug-19	32	<5.0	790	3,030
	22-May-19	26	<5.0	790	2,930
	4-Mar-19	45	<5.0	760	3,130
	26-Nov-18	42	<5.0	790	3,140
	4-Sep-18	43	<5.0	810	3,140
	24-May-18	43	<5.0	770	3,110
	21-Feb-18	55	<5.0	730	3,200
	16-Nov-17	59.0	<0.0500	1,190	2,740
	31-Aug-17	51.5	<0.0500	701	3,190
	30-May-17	59.2	<0.0501	799	3,410
	28-Feb-17	65.6	<0.300	779	3,440
	17-Nov-16	64.9	2.27	763	3,410
	26-Aug-16	63.3	<0.937	793	3,440
	26-May-16	71.8	<2.24	726	3,510
	19-Feb-16	112	<1.18	942	3,880
	18-Nov-15	109	<1.18	902	3,860
	27-Aug-15	92.6	<1.18	861	3,580
	21-May-15	123	<1.18	957	4,170
	25-Feb-15	136	<1.80	936	4,450
	25-Nov-14	137	<1.80	965	4,260
	22-Aug-14	64.9	<1.80	759	3,240
	27-May-14	85.0	6.30	868	3,790
	5-Mar-14	125	<1.66	998	4,430
	20-Nov-13	137	<1.66	1,060	4,640
	29-Aug-13	82.2	3.50	786	3,860
	22-May-13	78.1	<1.66	786	3,630
	28-Feb-13	101	<1.72	876	4,060
	20-Nov-12	89.6	<1.72	731	3,760
	15-Aug-12	99.3	<1.72	875	3,780
	7-May-12	80.4	<1.72	745	3,830
	15-Feb-12	94.8	<2.17	725	3,580
	1-Nov-11	93.0	<2.17	779	3,880
	21-Jul-11	135	<2.17	1,070	4,550
	4-May-11	147	<2.17	1,420	5,540
	25-Jan-11	134	2.80	1,420	4,850
	24-Sep-10	58.2	<10.0	1,050	4,110
	28-Jun-10	50	<5.0	1,200	4,380
	23-Mar-10	16.3	0.56	1,100	3,624
	14-Dec-09	2.7	0.28	960	3,184
	31-Aug-09	6.6	ND	870	3,178
	1-Jun-09	18.10	1.12	880	3,164
	2-Mar-09	7.07	ND	825	3,202

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
833-10	19-May-22	1.5	<1.0	740	2,870
	28-Feb-22	1.0	1.1	890	2,830
	17-Nov-21	1.2	<1.0	750	2,800
	18-Aug-21	1.3	<1.0	730	2,750
	19-May-21	<1.0	1.1	700	2,750
	25-Feb-21	<1.0	<1.0	710	2,590
	19-Nov-20	<1.0	<1.0	730	2,650
	25-Aug-20	<1.0	1.1	710	2,710
	20-May-20	<1.0	2.2	700	2,690
	18-Feb-20	<1.0	1.1	680	2,630
	21-Nov-19	1.5	<1.0	630	2,630
	14-Aug-19	2.0	<1.0	660	2,560
	22-May-19	1.8	<1.0	640	2,560
	4-Mar-19	1.8	<1.0	580	2,520
	26-Nov-18	2.6	<1.0	620	2,520
	31-Aug-18	3.3	<1.0	600	2,540
	24-May-18	3.6	<1.0	610	2,510
	22-Feb-18	3.5	<1.0	630	2,480
	16-Nov-17	5.74	0.862	613	2,060
	31-Aug-17	6.75	0.299	606	2,430
	30-May-17	3.83	0.927	650	2,560
	1-Mar-17	3.90	0.396	639	2,670
	17-Nov-16	4.64	<0.937	534	2,620
	26-Aug-16	4.38	<0.937	677	2,660
	26-May-16	4.22	<2.24	637	2,680
	19-Feb-16	2.50	<1.18	691	2,550
	18-Nov-15	2.69	<1.18	660	2,580
	27-Aug-15	3.58	<1.18	678	2,670
	21-May-15	3.81	<1.18	732	2,700
	25-Feb-15	4.52	<1.80	661	2,740
	25-Nov-14	4.96	<1.80	690	2,760
	21-Aug-14	5.66	<1.80	671	2,780
	29-May-14	3.20	2.10	667	2,670
	5-Mar-14	2.47	<1.66	679	2,660
	20-Nov-13	2.93	<1.66	695	2,620
	29-Aug-13	3.77	4.20	642	2,800
	22-May-13	3.96	<1.66	648	2,580
	28-Feb-13	4.19	<1.72	689	2,640
	20-Nov-12	4.25	<1.72	608	2,540
	15-Aug-12	4.93	2.52	585	2,530
	7-May-12	3.95	<1.72	581	2,350
	15-Feb-12	3.18	<2.17	582	2,440
	1-Nov-11	3.69	<2.17	573	2,590
	21-Jul-11	4.63	3.78	597	2,480
	4-May-11	5.19	<2.17	714	2,670
	25-Jan-11	8.46	2.10	649	2,730
	24-Sep-10	<10.0	<10.0	654	2,250
	28-Jun-10	3.6	<1.0	750	2,790
	23-Mar-10	6.8	ND	1,220	3,868
	14-Dec-09	3.7	0.14	790	2,576
	31-Aug-09	4.7	ND	750	2,548
	1-Jun-09	7.1	ND	650	2,458
	2-Mar-09	2.43	ND	855	2,954

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
<b>Sunset/Desert Land Dairy</b>					
257-01	19-May-21	33	<5.0	1,100	3,700
	28-Feb-22	35	<5.0	870	3,400
	17-Nov-21	34	<5.0	940	3,500
	8-Sep-21	36	<5.0	910	3,560
	20-May-21	30	<5.0	890	3,640
	25-Feb-21	32	<5.0	870	3,620
	20-Nov-20	35	<5.0	910	3,610
	25-Aug-20	39	<2.0	960	4,110
	26-May-20	36	<5.0	850	3,640
	18-Feb-20	31	<5.0	890	3,640
	21-Nov-19	35	<5.0	800	3,720
	6-Aug-19	43	<5.0	910	3,740
	21-May-19	41	<5.0	890	3,800
	1-Mar-19	42	<5.0	900	3,620
	27-Nov-18	45	<5.0	890	3,780
	23-Aug-18	43	<5.0	770	3,890
	23-May-18	42	<5.0	900	4,020
	20-Feb-18	50	<5.0	920	3,820
	16-Nov-17	51.1	<0.0500	870	3,740
	18-Aug-17	48.5	<0.0500	867	3,620
	31-May-17	49.3	<0.0501	848	3,570
	2-Mar-17	45.5	<0.300	847	3,860
	16-Nov-16	44.4	<0.300	681	3,940
	25-Aug-16	48.7	<0.937	817	3,620
	26-May-16	47.7	<2.24	797	3,700
	22-Feb-16	51.9	<1.18	873	3,650
	19-Nov-15	49.1	<1.18	821	3,680
	28-Aug-15	50.4	<10.0	816	3,490
	26-May-15	49.4	3.50	809	3,460
	19-Feb-15	27.5	<1.80	629	2,880
	1-Dec-14	47.9	<1.80	750	3,370
	25-Aug-14	49.4	<1.80	694	3,570
	30-May-14	47.9	3.50	739	3,320
	6-Mar-14	44.3	<1.66	707	3,130
	25-Nov-13	42.4	2.80	726	3,090
	28-Aug-13	44.4	5.60	719	3,160
	22-May-13	33.6	<1.66	660	3,100
	21-Feb-13	28.3	<1.72	665	3,200
	21-Nov-12	24.7	2.80	625	3,130
	16-Aug-12	23.2	<1.72	617	3,060
26-Apr-12	23.7	22.7	680	2,920	
9-Feb-12	19.4	<2.17	603	2,940	
1-Nov-11	28.4	<2.17	619	2,730	
22-Jul-11	44.8	<2.17	673	3,270	
26-Apr-11	103	3.78	870	4,440	
19-Jan-11	59.3	3.08	743	3,420	
24-Sep-10	58.0	<10.0	685	3,120	
28-Jun-10	100	<1.0	820	3,800	
24-Mar-10	187	ND	1,100	4,342	
14-Dec-09	71	0.14	910	3,860	
31-Aug-09	49	ND	880	3,706	
2-Jun-09	64	ND	910	3,822	
3-Mar-09	89	ND	1,135	4,652	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
257-02	19-May-22	6.9	<1.0	730	2,760
	28-Feb-22	9.4	<1.0	600	2,440
	18-Nov-21	39	<5.0	1,000	3,600
	8-Sep-21	20	<5.0	560	2,280
	19-May-21	10	<2.0	770	2,950
	1-Mar-21	13	<2.0	780	2,940
	20-Nov-20	12	<2.0	770	2,930
	26-Aug-20	12	<2.0	790	2,930
	26-May-20	11	<2.0	710	2,810
	18-Feb-20	7.1	<1.0	710	2,680
	21-Nov-19	5.3	<1.0	620	2,690
	6-Aug-19	9.3	<2.0	650	2,590
	21-May-19	10	<1.0	620	2,480
	1-Mar-19	8.7	<1.0	690	2,570
	27-Nov-18	9.1	<1.0	650	2,680
	23-Aug-18	14	<2.0	540	2,640
	23-May-18	14	<2.0	690	2,530
	20-Feb-18	14	<2.0	610	2,640
	16-Nov-17	14.0	1.04	679	2,430
	18-Aug-17	10.3	<0.0500	754	2,890
	31-May-17	10.0	0.492	696	2,520
	2-Mar-17	16.2	<0.300	634	2,760
	16-Nov-16	10.2	<0.937	671	3,090
	25-Aug-16	4.62	<0.937	814	2,940
	26-May-16	7.28	<2.24	572	2,480
	22-Feb-16	4.98	<1.18	455	1,920
	19-Nov-15	12.2	<1.18	800	2,890
	28-Aug-15	8.86	<10.0	632	2,700
	26-May-15	9.36	1.40	727	2,660
	19-Feb-15	8.45	<1.80	610	2,440
	1-Dec-14	6.39	<1.80	669	2,760
	25-Aug-14	6.53	<1.80	585	2,550
	30-May-14	11.5	2.10	531	2,100
	6-Mar-14	10.4	<1.66	530	2,120
	25-Nov-13	11.1	2.80	529	2,070
	28-Aug-13	7.59	8.40	511	2,200
	22-May-13	3.39	<1.66	469	1,880
	21-Feb-13	10.3	<1.72	470	1,980
	21-Nov-12	10.0	2.80	468	2,060
	16-Aug-12	14.8	<1.72	484	2,170
	26-Apr-12	23.2	8.40	505	1,840
	9-Feb-12	11.1	<2.17	443	1,840
	1-Nov-11	19.3	2.24	442	3,150
	22-Jul-11	28.7	<2.17	501	2,160
	26-Apr-11	24.9	2.80	433	2,000
	19-Jan-11	13.3	2.52	455	1,500
	24-Sep-10	21.0	<10.0	445	1,590
	29-Jun-10	24	<1.0	560	2,180
	24-Mar-10	22.3	ND	570	1,840
	14-Dec-09	19.3	0.14	480	1,916
	31-Aug-09	14.2	ND	410	1,518
	2-Jun-09	1.86	ND	500	1,690
	3-Mar-09	30.4	ND	495	1,632

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
257-03	28-Feb-22	Not Sampled - Unknown Blockage in Well			
	18-Nov-21	Not Sampled - Unknown Blockage in Well			
	8-Sep-21	15	<2.0	780	2,900
	20-May-21	Not Sampled - Insufficient water to sample			
	1-Mar-21	17	2.2	700	2,870
	20-Nov-20	19	2.5	590	2,890
	26-Aug-20	9.9	3.6	720	2,830
	26-May-20	Dry			
	18-Feb-20	16	2.2	660	2,730
	21-Nov-19	4.4	1.8	570	2,640
	6-Aug-19	5.9	2.2	750	2,900
	21-May-19	Dry			
	1-Mar-19	12	<2.0	710	2,670
	27-Nov-18	5.8	2.1	570	2,480
	23-Aug-18	11	<2.0	600	2,760
	23-May-18	11	2.5	430	2,060
	20-Feb-18	12	2.2	530	2,510
	16-Nov-17	13.8	1.99	523	2,150
	18-Aug-17	14.3	0.742	605	2,540
	31-May-17	10.1	1.13	402	2,330
	2-Mar-17	15.4	0.412	346	2,220
	16-Nov-16	12.50	1.70	344	1,860
	25-Aug-16	9.97	<0.937	333	1,860
	26-May-16	Dry			
	22-Feb-16	Not Sampled - insufficient water to sample			
	19-Nov-15	Dry			
	28-Aug-15	5.37	<10.0	477	2,060
	26-May-15	Dry			
	19-Feb-15	Not Sampled - insufficient water to sample			
	1-Dec-14	Dry			
	25-Aug-14	7.64	<1.80	413	1,840
	30-May-14	Dry			
	6-Mar-14	6.06	<1.66	546	2,380
	25-Nov-13	2.03	4.90	494	1,900
	28-Aug-13	4.55	4.90	569	2,360
	22-May-13	7.23	<1.66	658	2,640
	21-Feb-13	2.65	<1.72	520	2,060
	21-Nov-12	3.11	2.80	490	2,250
	16-Aug-12	17.6	2.10	509	2,420
	26-Apr-12	6.60	4.20	601	2,330
14-Feb-12	11.2	<2.17	636	2,620	
1-Nov-11	7.37	2.80	537	2,210	
22-Jul-11	12.9	2.80	576	2,100	
26-Apr-11	12.5	5.88	525	2,400	
19-Jan-11	2.67	2.24	377	1,600	
24-Sep-10	8.00	<10.0	400	1,670	
29-Jun-10	17	1.1	660	2,570	
24-Mar-10	10.1	1.12	640	2,342	
14-Dec-09	5.9	0.56	760	2,638	
31-Aug-09	10.7	0.84	610	2,260	
2-Jun-09	5.99	ND	570	2,284	
3-Mar-09	334*	ND	690	2,538	



**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
257/260-01	2-Feb-18	Plugged and Abandoned			
	16-Nov-17	Not Sampled - Inaccessible Due to Crops			
	18-Aug-17	0.0935	18.6	678	2,730
	31-May-17	0.193	28.3	665	2,460
	2-Mar-17	<2.00	83.7	636	2,720
	16-Nov-16	0.857	29.2	527	2,300
	9-Sep-16	16.7	5.11	254	1,660
	26-May-16	<0.305	12.1	588	2,460
	22-Feb-16	<0.305	37.0	598	2,830
	19-Nov-15	<0.194	15.7	542	2,260
	28-Aug-15	8.81	<10.0	210	1,140
	26-May-15	2.02	18.9	726	2,750
	19-Feb-15	1.09	<1.80	445	2,220
	1-Dec-14	4.92	2.80	375	1,520
	25-Aug-14	3.74	6.30	562	2,440
	30-May-14	4.82	2.10	658	2,640
	6-Mar-14	4.22	<1.66	644	2,780
	25-Nov-13	3.30	6.30	580	2,220
	28-Aug-13	2.81	7.70	624	2,460
	22-May-13	2.39	<1.66	673	2,820
	21-Feb-13	9.35	<1.72	816	2,980
	21-Nov-12	13.0	3.50	722	3,020
	16-Aug-12	3.67	6.30	667	2,620
	26-Apr-12	6.83	2.80	575	2,660
	14-Feb-12	9.68	<2.17	565	2,180
	1-Nov-11	16.7	2.94	658	2,850
	22-Jul-11	4.66	3.64	440	1,860
	26-Apr-11	<0.500	4.34	624	2,580
	19-Jan-11	1.21	4.20	480	1,860
	24-Sep-10	11.0	<10.0	576	2,480
30-Jun-10	5.4	<5.0	530	1,980	
23-Mar-10	5.0	ND	340	982	
14-Dec-09	45	26.32	220	520	
31-Aug-09	0.3	8.7	570	1,704	
2-Jun-09	1.65	7.0	660	1,936	
3-Mar-09	3.98	1.12	555	1,908	
<b>Las Cruces Community Farms (Former McAnally Enterprises)</b>					
MW-4	20-May-22	1.5	<1.0	1,300	4,170
	28-Feb-22	1.3	<1.0	1,300	4,150
	18-Nov-21	2.7	<1.0	1,200	3,860
	8-Sep-21	1.8	<1.0	1,400	4,270
	20-May-21	2.2	<1.0	1,300	3,980
	1-Mar-21	1.5	<1.0	1,600	4,820
	20-Nov-20	1.1	<1.0	1,500	4,550
	26-Aug-20	1.2	<1.0	1,500	4,640
	26-May-20	<1.0	1.1	1,400	4,460
	6-Mar-20	<1.0	<2.0	1,600	4,620
	26-Nov-19	0.39	<1.0	1,400	4,800
	19-Jun-18	4.6	<1.0	1,200	980
	21-Jul-15	1.6	<1	1,900	5,300
	9-Jun-15	1.5	<1.0	1,900	5,100
	13-Mar-09	3.5	<0.5	2,110	5,686
<b>NMWQCC Standard</b>		<b>10</b>	<b>NA</b>	<b>250</b>	<b>1,000</b>
<b>Existing Conditions - August 2020</b>		<b>NA</b>	<b>NA</b>	<b>367</b>	<b>1,758</b>
<b>Existing Conditions - Pre-August</b>		<b>NA</b>	<b>NA</b>	<b>1,718</b>	<b>5,328</b>

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
<b>Southern Area</b>					
<b>Del Oro Dairy</b>					
692-01 (Perched)	22-Dec-15	Plugged & Abandoned			
	2-Dec-15	78.4	<1.18	579	2,420
	31-Aug-15	Pump was not operational			
	28-May-15	Pump was not operational			
	3-Mar-15	Pump was not operational			
	2-Dec-14	99.4	4.90	678	2,830
	27-Aug-14	95.6	9.10	643	2,910
	2-Jun-14	98.2	4.20	612	2,660
	13-Mar-14	97.8	<1.66	647	2,820
	4-Dec-13	2.57	7.00	706	2,840
	4-Sep-13	Not Sampled			
	28-May-13	82.4	<1.66	612	2,660
	27-Feb-13	87.9	<1.72	654	2,690
	30-Nov-12	117	<1.72	821	3,490
	20-Aug-12	Pump was not operational			
	8-May-12	163	<1.72	1,060	4,820
	17-Feb-12	166	7.28	1,090	4,000
	8-Nov-11	168	6.44	1,180	4,690
	29-Jul-11	176	<2.17	1,210	4,840
	22-Apr-11	140		998	3,880
	19-Jan-11	213	2.10	1,070	4,320
	1-Oct-10	222	<10.0	1,060	4,640
	30-Jun-10	230	<5.0	1,100	4,080
30-Mar-10	117.5	3	1,080	3,991	
8-Dec-09	107	1	1,060	4,897	
12-Aug-09	127	3	1,120	4,955	
4-May-09	120	3	1,160	4,295	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
692-02 (Perched)	20-May-22	4.4	<1.0	300	1,050
	1-Mar-22	5.0	<1.0	300	1,060
	19-Nov-21	1.1	<1.0	270	953
	23-Aug-21	<1.0	<1.0	290	912
	20-May-21	<1.0	<1.0	280	892
	9-Mar-21	<1.0	<1.0	270	877
	23-Nov-20	<1.0	<1.0	250	879
	26-Aug-20	<1.0	<1.0	280	871
	26-May-20	<1.0	<1.0	280	868
	19-Feb-20	<1.0	<1.0	270	882
	2-Dec-19	<1.0	<1.0	260	890
	15-Aug-19	2.2	<1.0	380	1,210
	29-May-19	2.5	<1.0	290	964
	7-Mar-19	67	<5.0	640	2,560
	27-Nov-18	58	<5.0	620	2,440
	23-Aug-18	66	<5.0	610	2,690
	30-May-18	64	<5.0	690	2,770
	23-Feb-18	82	<5.0	840	2,960
	30-Nov-17	43.4	<0.0500	746	2,300
	23-Aug-17	24.4	<0.0500	660	2,290
	5-Jun-17	2.82	1.01	421	1,640
	2-Mar-17	17.8	<0.300	583	2,250
	30-Nov-16	103	<0.300	803	3,300
	6-Sep-16	111	<0.937	869	3,340
	31-May-16	124	<2.24	879	3,520
	24-Feb-16	140	<1.18	990	3,480
	2-Dec-15	134	2.24	967	3,500
	31-Aug-15	140	4.90	995	3,660
	26-May-15	140	4.20	973	3,430
	3-Mar-15	142	2.10	963	3,640
	2-Dec-14	147	<1.80	974	3,430
	27-Aug-14	132	2.80	909	3,510
	30-May-14	128	4.20	906	3,370
	7-Mar-14	129	<1.66	912	3,420
	3-Dec-13	108	2.80	906	3,520
	4-Sep-13	120	2.80	925	3,600
	23-May-13	47.8	<1.66	742	2,720
	27-Feb-13	3.37	<1.72	396	1,520
	30-Nov-12	<0.0290	<1.72	358	1,450
	20-Aug-12	1.72	<1.72	371	1,460
8-May-12	1.75	<1.72	339	1,350	
17-Feb-12	2.55	<2.17	410	1,490	
31-Oct-11	4.69	<2.17	451	1,720	
29-Jul-11	24.1	<2.17	504	2,280	
27-Apr-11	92.3	<10.0	921	3,080	
26-Jan-11	47.2	3.64	706	2,490	
1-Oct-10	Not Sampled				
30-Jun-10	140	<5.0	1,100	3,520	
30-Mar-10	107.5	1	1,320	3,861	
8-Dec-09	96	1	1,200	4,073	
12-Aug-09	66	3	1,140	4,317	
4-May-09	52	1	1,100	3,337	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
692-03	30-Mar-10	Plugged and Abandoned			
	4-May-09				
692-04 (Perched)	20-May-22	57	<5.0	680	2,570
	1-Mar-22	29	<5.0	570	2,460
	19-Nov-21	33	<5.0	520	2,460
	20-Aug-21	Not Sampled - insufficient water to sample			
	20-May-21				
	9-Mar-21	15	4.5	540	1,810
	23-Nov-20	18	9.5	520	2,350
	26-Aug-20	24	15	640	2,370
	26-May-20	69	2.8	910	3,240
	19-Feb-20	49	<5.0	680	2,460
	2-Dec-19	48	<5.0	610	2,450
	15-Aug-19	29	4.80	600	2,230
	29-May-19	Dry			
	7-Mar-19	Dry			
	27-Nov-08	Dry			
	23-Aug-18	Dry			
	30-May-18	Dry			
	23-Feb-18	Dry			
	23-Aug-17	Dry			
	5-Jun-17	Dry			
	2-Mar-17	Dry			
	30-Nov-16	Dry			
	2-Sep-16	Dry			
	31-May-16	Dry			
	24-Feb-16	Dry			
	2-Dec-15	Dry			
	31-Aug-15	Dry			
	26-May-15	Dry			
	3-Mar-15	Not Sampled - insufficient water to sample			
	2-Dec-14	27.1	<1.80	582	2,000
	28-Aug-14	32.5	<1.80	508	2,060
	30-May-14	38.7	4.20	481	2,010
	7-Mar-14	44.4	<1.66	581	2,290
	3-Dec-13	43.5	2.80	646	2,490
	4-Sep-13	Not Sampled - insufficient water to sample			
	23-May-13	71.3	<1.66	676	2,740
	27-Feb-13	25.2	<1.72	625	2,390
	30-Nov-12	24.3	<1.72	573	2,540
	20-Aug-12	42.1	<1.72	689	2,850
	8-May-12	39.6	<1.72	652	2,490
	17-Feb-12	30.2	<2.17	557	2,060
	31-Oct-11	22.9	<2.17	477	1,600
29-Jul-11	25.2	<2.17	503	1,960	
22-Apr-11	98.5	<2.17	893	3,240	
19-Jan-11	148	3.22	1,040	3,740	
28-Sep-10	67.0	<10.0	802	3,060	
30-Jun-10	50	<5.0	590	2,050	
30-Mar-10	28	1	600	2,012	
8-Dec-09	31	1	590	2,069	
12-Aug-09	26	1	680	2,158	
4-May-09	26	1	580	2,081	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
692-05 (Regional)	20-May-22	15	<1.0	380	1,550
	2-Mar-22	16	<2.0	400	1,550
	19-Nov-21	19	<2.0	400	1,600
	23-Aug-21	18	<2.0	430	1,570
	21-May-21	14	<2.0	430	1,620
	9-Mar-21	17	<1.0	410	1,550
	23-Nov-20	14	<2.0	400	1,580
	27-Aug-20	14	<2.0	410	1,580
	27-May-20	12	<2.0	400	1,640
	19-Feb-20	14	<2.0	420	1,780
	2-Dec-19	13	<2.0	390	1,510
	16-Aug-19	12	<2.0	420	1,570
	29-May-19	13	<2.0	420	1,600
	14-Mar-19	12	<2.0	410	1,540
	4-Dec-18	Pump was not operational			
	23-Aug-18	9.1	<1.0	400	1,500
	30-May-18	Pump was not operational			
	23-Feb-18	Pump was not operational			
	30-Nov-17	11.9	<0.0500	433	1,300
	22-Aug-17	10.6	<0.0500	450	1,470
	5-Jun-17	9.24	<0.0500	440	1,430
	3-Mar-17	8.32	<0.300	425	1,430
	29-Nov-16	6.85	<0.300	430	1,420
	2-Sep-16	8.07	<0.937	452	1,420
	31-May-16	7.29	<2.24	459	1,470
	24-Feb-16	6.72	<1.18	463	1,540
	2-Dec-15	5.68	<1.18	457	1,370
	31-Aug-15	5.03	11.9	496	1,380
	26-May-15	3.93	<1.18	474	1,440
	3-Mar-15	3.70	<1.80	430	1,440
	2-Dec-14	4.80	<1.80	447	1,460
	27-Aug-14	5.78	<1.80	424	1,340
	2-Jun-14	6.50	3.50	427	1,460
	14-Mar-14	1.67	<1.66	452	1,440
	4-Dec-13	4.05	2.80	437	1,360
	4-Sep-13	2.12	4.20	446	1,480
	28-May-13	1.90	<1.66	417	1,280
	27-Feb-13	2.16	<1.72	410	1,340
	29-Nov-12	2.28	<1.72	397	1,370
	16-Aug-12	2.73	17.6	455	1,520
7-May-12	1.92	3.08	420	1,570	
17-Feb-12	2.52	<2.17	423	1,310	
8-Nov-11	2.30	2.94	383	1,230	
1-Aug-11	<1.00	3.50	420	1,710	
26-Apr-11	<2.50	<10.0	401	1,710	
19-Jan-11	4.12	2.10	443	1,280	
1-Oct-10	3.10	<10.0	420	1,430	
30-Jun-10	2.1	<1.0	500	1,490	
30-Mar-10	1.5	1	480	1,501	
8-Dec-09	1.4	1	540	1,538	
12-Aug-09	0.8	1	500	1,602	
4-May-09	1.0	1	500	1,477	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
692-06 (Regional)	23-May-22	3.9	<1.0	420	1,420
	2-Mar-22	3.7	<1.0	400	1,380
	22-Nov-21	4.3	<1.0	430	1,500
	24-Aug-21	3.6	<1.0	410	1,490
	21-May-21	3.4	<1.0	420	1,470
	11-Mar-21	3.0	<1.0	390	1,390
	24-Nov-20	4.0	<1.0	420	1,470
	27-Aug-20	3.6	<1.0	400	1,450
	27-May-20	3.1	4.1	370	1,440
	18-Feb-20	3.2	<1.0	420	1,400
	26-Nov-19	4.0	<1.0	420	1,490
	15-Aug-19	3.8	<1.0	420	1,440
	29-May-19	3.3	<1.0	400	1,430
	7-Mar-19	3.1	<1.0	420	1,450
	4-Dec-18	3.7	<1.0	450	1,490
	23-Aug-18	3.5	<1.0	370	1,450
	30-May-18	3.9	<1.0	410	1,420
	23-Feb-18	2.9	<1.0	420	1,430
	30-Nov-17	3.46	<0.0500	420	1,290
	23-Aug-17	3.29	<0.0500	420	1,480
	5-Jun-17	3.20	0.0835	428	1,580
	2-Mar-17	2.84	<0.300	404	1,530
	30-Nov-16	3.12	<0.300	414	1,420
	6-Sep-16	2.86	<0.937	471	1,420
	31-May-16	2.27	<2.24	467	1,420
	24-Feb-16	2.93	<1.18	465	1,410
	2-Dec-15	3.04	<1.18	450	1,420
	31-Aug-15	2.56	<1.18	444	1,400
	26-May-15	4.29	1.40	480	1,410
	3-Mar-15	3.40	<1.80	444	1,440
	2-Dec-14	3.65	<1.80	461	1,440
	27-Aug-14	3.77	<1.80	434	1,420
	2-Jun-14	3.90	3.50	453	1,500
	7-Mar-14	3.03	<1.66	429	1,400
	3-Dec-13	3.70	2.10	470	1,470
	4-Sep-13	3.19	2.10	423	1,540
	23-May-13	2.71	<1.66	415	1,370
	27-Feb-13	2.81	<1.72	412	1,390
	4-Dec-12	2.19	<1.72	395	1,380
	16-Aug-12	3.24	3.36	418	1,400
8-May-12	2.62	<1.72	397	1,620	
17-Feb-12	9.39	<2.17	459	1,200	
8-Nov-11	6.46	<2.17	425	1,450	
1-Aug-11	6.07	2.80	409	1,500	
26-Apr-11	4.50	<10.0	422	1,590	
19-Jan-11	4.95	2.10	431	1,360	
1-Oct-10	11.0	<10.0	373	1,490	
30-Jun-10	7.4	<1.0	440	1,470	
30-Mar-10	3.9	1	460	1,532	
8-Dec-09	2.3	1	540	1,609	
12-Aug-09	2.8	1	440	1,555	
4-May-09	2.9	1	500	1,552	

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	
692-07 (Regional)	23-May-22	3.6	<1.0	570	1,670	
	2-Mar-22	2.5	<1.0	510	1,530	
	22-Nov-21	3.1	<1.0	580	1,700	
	24-Aug-21	3.9	<1.0	590	1,760	
	21-May-21	3.6	<1.0	570	1,620	
	11-Mar-21	2.8	<5.0	540	1,640	
	24-Nov-20	3.5	<1.0	590	1,620	
	27-Aug-20	3.2	<1.0	570	1,720	
	19-Jun-20	2.9	<2.0	550	1,790	
	19-Feb-20	Not Sampled - insufficient water to sample				
	26-Nov-19	3.4	<1.0	570	1,650	
	16-Aug-19	3.9	<1.0	540	1,700	
	29-May-19	3.1	<1.0	560	1,690	
	7-Mar-19	3.5	<1.0	580	1,680	
	4-Dec-18	3.5	<1.0	560	1,640	
	23-Aug-18	3.3	<1.0	500	1,650	
	30-May-18	3.3	<1.0	590	1,600	
	23-Feb-18	2.9	<1.0	610	1,630	
	30-Nov-17	3.38	<0.0500	576	1,450	
	23-Aug-17	3.38	<0.0500	576	1,590	
	5-Jun-17	3.18	0.471	570	1,520	
	3-Mar-17	3.14	<0.300	564	1,550	
	29-Nov-16	3.88	<0.300	570	1,660	
	2-Sep-16	3.04	<0.937	591	1,520	
	31-May-16	2.19	<2.24	526	1,660	
	24-Feb-16	3.42	<1.18	618	1,590	
	2-Dec-15	3.13	<1.18	582	1,490	
	31-Aug-15	2.97	<1.18	578	1,570	
	26-May-15	2.93	<1.18	589	1,580	
	3-Mar-15	3.53	<1.80	668	1,580	
	2-Dec-14	Pump was not operational				
	27-Aug-14	Not Sampled - insufficient water to sample				
	2-Jun-14	3.20	2.80	527	1,590	
	14-Mar-14	3.26	<1.66	544	1,580	
	4-Dec-13	4.26	2.10	581	1,600	
	4-Sep-13	4.17	<1.66	550	1,840	
	28-May-13	3.68	<1.66	524	1,530	
	27-Feb-13	3.82	<1.72	563	1,630	
	30-Nov-12	4.05	<1.72	535	1,660	
	16-Aug-12	5.36	3.50	549	1,780	
	8-May-12	3.55	<1.72	530	1,780	
17-Feb-12	4.76	<2.17	518	1,600		
12-Nov-11	5.22	<2.17	555	780		
1-Aug-11	<1.00	2.66	567	2,000		
26-Apr-11	39.3	<10.0	694	2,520		
19-Jan-11	17.2	2.38	589	1,100		
1-Oct-10	27.0	< 10.0	617	2,300		
30-Jun-10	Not Sampled					
30-Mar-10	42	1	820	2,967		
8-Dec-09	28	1	860	3,131		
12-Aug-09	36	1	780	3,041		
4-May-09	50	1	960	3,480		

**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
692-08 (Regional)	23-May-22	6.2	<1.0	400	1,380
	2-Mar-22	5.0	<1.0	390	1,370
	22-Nov-21	6.8	<1.0	380	1,400
	24-Aug-21	2.1	<1.0	410	1,390
	21-May-21	1.7	<2.0	410	1,390
	11-Mar-21	2.3	<1.0	400	1,350
	24-Nov-20	2.1	<1.0	390	1,360
	27-Aug-20	1.9	<1.0	430	1,400
	27-May-20	1.4	<1.0	400	1,400
	18-Feb-20	3.9	<1.0	430	1,380
	25-Nov-19	1.8	<1.0	360	1,350
	16-Aug-19	1.2	<1.0	390	1,340
	29-May-19	2.8	<1.0	410	1,380
	7-Mar-19	2.6	<1.0	420	1,400
	4-Dec-18	2.4	<1.0	420	1,370
	23-Aug-18	2.1	<1.0	370	1,380
	30-May-18	2.5	<1.0	420	1,340
	23-Feb-18	3.0	<1.0	410	1,360
	30-Nov-17	4.74	<0.0500	420	1,280
	22-Aug-17	2.29	<0.0500	416	1,370
	5-Jun-17	2.12	1.93	413	1,300
	3-Mar-17	2.84	<0.300	412	1,270
	30-Nov-16	2.26	0.567	422	1,340
	2-Sep-16	0.791	1.14	473	1,320
	31-May-16	1.58	<2.24	437	1,340
	24-Feb-16	3.22	<1.18	448	1,300
	2-Dec-15	1.91	<1.18	434	1,330
	31-Aug-15	<0.194	<1.18	432	1,380
	28-May-15	0.652	<1.18	460	1,430
	2-Mar-15	3.34	<1.80	433	1,360
	2-Dec-14	2.65	<1.80	437	1,370
	27-Aug-14	2.71	<1.80	418	1,300
	2-Jun-14	4.70	4.90	435	1,300
	14-Mar-14	4.27	<1.66	435	1,430
	4-Dec-13	3.22	<1.66	456	1,320
	4-Sep-13	3.58	2.10	430	1,360
	28-May-13	3.49	<1.66	434	2,760
	27-Feb-13	6.27	<1.72	424	1,380
	30-Nov-12	11.70	<1.72	393	1,500
	20-Aug-12	2.98	<1.72	410	1,340
8-May-12	1.84	<1.72	364	1,560	
17-Feb-12	3.94	<2.17	452	1,390	
8-Nov-11	2.60	2.80	436	1,340	
1-Aug-11	<1.00	<2.17	386	2,240	
26-Apr-11	3.49	<10.0	435	1,440	
19-Jan-11	3.26	<2.05	431	1,120	
1-Oct-10	5.70	<10.0	386	1,390	
30-Jun-10	3.5	<1.0	460	1,430	
30-Mar-10	3.0	1	520	1,518	
8-Dec-09	2.5	1	500	1,459	
12-Aug-09	1.8	1	520	1,476	
4-May-09	2.0	1	480	1,476	



**TABLE 5. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Date Sampled	Nitrate as N (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)
692-09 (Regional)	20-May-22	7.4	<1.0	370	1,410
	1-Mar-22	8.5	<1.0	360	1,460
	19-Nov-21	5.3	<1.0	410	1,420
	23-Aug-21	3.6	<1.0	410	1,370
	20-May-21	3.2	<1.0	400	1,420
	9-Mar-21	8.2	<1.0	390	1,380
	23-Nov-20	3.4	<1.0	380	1,370
	26-Aug-20	4.7	<1.0	400	1,410
	27-May-20	3.9	<1.0	380	1,400
	19-Feb-20	Not Sampled - insufficient water to sample			
	2-Dec-19	6.4	<1.0	350	1,420
	16-Aug-19	5.4	<1.0	380	1,410
	29-May-19	3.9	<1.0	390	1,390
	7-Mar-19	3.0	<1.0	390	1,400
	4-Dec-18	3.2	<1.0	400	1,410
	23-Aug-18	3.1	<1.0	350	1,410
	30-May-18	4.2	<1.0	410	1,420
	23-Feb-18	<1.0	<1.0	410	1,380
	30-Nov-17	0.746	<0.0500	405	970
	22-Aug-17	3.93	<0.0500	411	1,360
	5-Jun-17	2.76	1.47	408	1,340
	3-Mar-17	4.22	<0.300	399	1,320
	30-Nov-16	4.39	<0.300	420	1,380
	2-Sep-16	0.794	<0.937	426	1,340
	31-May-16	2.96	<2.24	438	1,400
	24-Feb-16	3.38	<1.18	445	1,280
	2-Dec-15	2.88	<1.18	435	1,320
	31-Aug-15	3.04	<1.18	434	1,290
	28-May-15	2.85	<1.18	460	1,380
	3-Mar-15	2.35	<1.80	428	1,300
	2-Dec-14	1.94	<1.80	444	1,420
	28-Aug-14	4.36	<1.80	418	1,450
	2-Jun-14	6.81	<1.80	459	1,300
	14-Mar-14	6.08	<1.66	453	1,460
	4-Dec-13	3.43	2.10	465	1,440
	4-Sep-13	8.52	3.50	452	1,460
	28-May-13	8.92	<1.66	457	1,410
	27-Feb-13	9.50	<1.72	465	1,440
29-Nov-12	7.91	13.3	425	1,410	
20-Aug-12	7.71	<1.72	400	1,480	
7-May-12	7.80	<1.72	391	1,470	
17-Feb-12	6.89	<2.17	457	1,450	
8-Nov-11	10.6	<2.17	455	1,400	
1-Aug-11	12.6	<2.17	407	1,300	
26-Apr-11	10.8	<10.0	420	1,140	
18-Jan-11	12.0	<2.05	460	1,160	
1-Oct-10	15.0	<10.0	387	1,480	
30-Jun-10	22	<5.0	480	1,500	
30-Mar-10	11	1	520	1,606	
8-Dec-09	10	1	460	1,536	
12-Aug-09	6	1	460	1,675	
4-May-09	6	1	480	1,545	
<b>NMWQCC Standard</b>		<b>10</b>	<b>NA</b>	<b>250</b>	<b>1,000</b>
<b>Existing Conditions - August 2020</b>		<b>NA</b>	<b>NA</b>	<b>455</b>	<b>1,424</b>
<b>Existing Conditions - Pre-August 2020*</b>		<b>NA</b>	<b>NA</b>	<b>503</b>	<b>2,552</b>
NOTES:					
Data suspect					
* = Pre-August 2020 existing conditions were in place prior to August 2020. This condition is no longer applicable.					
mg/l = milligrams per liter					
ND = Non-detect					
NMWQCC = New Mexico Water Quality Control Commission					
TDS = Total dissolved solids					
TKN = Total Kjeldahl nitrogen					
Data from current quarter.					
Highlight is at or above NMWQCC Standard.					
Highlight is at or above August 2020 existing conditions value. Applicable to samples collected in or after August					

**TABLE 6. IRRIGATION/SUPPLY WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Office of State Engineer File Number	Preforated Interval (feet bgs)	Total Depth (feet bgs)	Pumping Rate (gpm)	Average Pumping Duration (hours/day)	Average Pumping Duration (months/ year)	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
<b>NORTHERN AREA</b>											
<b>Northern Land Application Area (Mountain View)</b>											
LRG-457 (Irrigation Well - Pivot)	unknown	200	300	9	12	25-Mar-22	7.0	<1.0	1,100	3,030	NS
						16-Mar-21	6.7	<1.0	1,000	3,000	NS
						20-Feb-20	6.8	<1.0	1,100	3,060	NS
						26-Feb-19	11	<2.0	1,400	3,890	NS
						13-Feb-18	6.8	<1.0	1,000	3,130	NS
						26-May-17	6.04	0.0950	1,030	3,160	NS
						15-Mar-16	6.31	<1.18	1,080	3,210	567
						7-Nov-11	NS	NS	NS	NS	655
7-May-09	5.1	<1.0	1,100	3,000	NS						
<b>Organ Dairy (Former Daybreak Dairy and Del Norte Dairy)</b>											
LRG-458 S	260-300	300				5-May-22	<1.0	<1.0	67	480	89
						24-Feb-22	<1.0	<1.0	53	472	77
						11-Aug-21	<1.0	<1.0	91	497	100
						20-Feb-20	11	<2.0	1,200	3,280	NS
						22-Feb-19	10	<2.0	1,200	3,190	NS
						9-Feb-18	8.4	<1.0	930	3,140	NS
						1-Jun-17	8.07	0.0803	1,000	2,700	NS
						2-Mar-16	7.28	<1.18	1,030	2,980	NS
						7-Nov-11	NS	NS	NS	NS	438
5-May-09	5.6	<1.0	990	2,700	NS						
<b>Mountain View Dairy</b>											
LRG-00952 (Dairy Parlor)	unknown	240	1000	24	12	25-Mar-22	4.2	<1.0	740	2,370	NS
				20 days/mo		16-Mar-21	4.5	<1.0	820	2,500	NS
						20-Feb-20	3.9	<1.0	760	2,370	NS
						25-Feb-19	3.6	<1.0	760	2,330	NS
						6-Apr-18	3.1	<1.0	690	2,300	NS
						26-May-17	2.31	<0.0501	662	2,230	NS
						23-May-16	2.42	<2.24	639	2,110	NS
						7-Nov-11	NS	NS	NS	NS	375
						14-May-09	2.6	<1.0	830	2,400	NS

**TABLE 6. IRRIGATION/SUPPLY WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Office of State Engineer File Number	Preforated Interval (feet bgs)	Total Depth (feet bgs)	Pumping Rate (gpm)	Average Pumping Duration (hours/day)	Average Pumping Duration (months/ year)	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
<b>Buena Vista Dairy I</b>											
LRG-05117	unknown	250				6-May-09	13	<2.0	1,000	2,900	NS
<b>Bright Star Dairy</b>											
LUDWIG Irrig Well	unknown	unknown				27-Mar-13	0.175	<0.00501	NS	NS	NS
LRG-00953	unknown	300	300	9	12	25-Mar-22	15	<2.0	930	2,720	NS
						16-Mar-21	14	<1.0	840	2,700	NS
						20-Feb-20	14	<2.0	910	2,750	NS
						25-Feb-19	12	<2.0	870	2,700	NS
						12-Feb-18	12	<2.0	840	2,720	470
						1-Jun-17	12.3	<0.300	811	2,600	NS
						2-Mar-16	11.9	3.36	880	2,780	NS
						4-Nov-11	NS	NS	NS	NS	470
					5-May-09	8.4	<1.0	970	2,700	NS	
<b>Former D&amp;J Dairy (Dominguez 2)</b>											
LRG-956	unknown	330	180	18	12	25-Mar-22	Not Sampled - Well Not in Use				
						16-Mar-21	4.2	<1.0	540	1,860	NS
						20-Feb-20	2.7	<1.0	480	1,770	NS
						26-Mar-19	13*	<2.0*	1,200*	3,700*	NS
						19-Feb-18	1.2	<1.0	420	1,650	NS
						2-Jun-17	0.913	0.2	328	1,170	NS
						15-Mar-16	0.132	<1.18	434	1,580	NS
						9-Nov-12	NS	NS	NS	NS	241
					5-May-09	2.6	<1.0	540	1,700	NS	

**TABLE 6. IRRIGATION/SUPPLY WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Office of State Engineer File Number	Preforated Interval (feet bgs)	Total Depth (feet bgs)	Pumping Rate (gpm)	Average Pumping Duration (hours/day)	Average Pumping Duration (months/ year)	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)						
<b>Dominguez</b>																	
LRG-00591-S-2	185-245	245	280	15	12	8-Jun-22	18	<2.0	NS	NS	NS						
LRG-00591-S	150-250	250				25-Mar-22	30	<5.0	1,200	3,370	NS						
LRG-00591-S-2	185-245	245				16-Mar-21	19	<2.0	960	2,760	NS						
LRG-00591-S	150-250	250					27	<5.0	1,200	3,430	NS						
LRG-00591-S-2	185-245	245				20-Feb-20	2.9	<1.0	470	1,710	NS						
LRG-00591-S	150-250	250					11	<2.0	780	2,430	NS						
LRG-00591-S-2	185-245	245				28-Feb-19	2.8	<1.0	490	1,710	NS						
LRG-00591-S	150-250	250					28	<5.0	1,200	3,410	NS						
LRG-00591-S-2	185-245	245				14-Feb-18	2.3	<1.0	440	1,730	NS						
LRG-00591-S	150-250	250					12	<2.0	700	2,330	NS						
LRG-00591-S-2	185-245	245				19-Feb-18	2.10	<1.0	450	1,690	NS						
LRG-00591-S	150-250	250					6-Jun-17	25.0	<0.100	956	3,110	NS					
LRG-00591-S-2	185-245	245				15-Mar-16	1.66	0.247	430	1,670	NS						
LRG-00591-S	150-250	250					9.83	<1.18	633	2,120	NS						
LRG-00591-S-2	185-245	245				9-Nov-11	NS	NS	NS	NS	NS	232					
LRG-00591-S	150-250	250					5-May-09	3.0	<1.0	520	1,700	NS					
LRG-00591-S-2	185-245	245				1500	24	8 months 16 days/month	27-May-22	6.0	<1.0	570	NS	NS			
LRG-00590-S-6 (Irrigation well)	unknown	234							25-Mar-22	Not Sampled - Well Not in Use							
									17-Mar-21	2.4	<1.0	450	1,670	NS			
									21-Mar-20	12	<2.0	730	2,340	NS			
			26-Mar-19	2.0*	<1.0*				420*	1,640*	NS						
			9-Apr-18	12	<2.0				620	2,210	NS						
			12-Jun-17	6.67	<0.100				535	1,970	NS						
			10-Mar-16	10.3	<1.18				632	2,210	NS						
			9-Nov-12	NS	NS				NS	NS	NS	259					
			14-May-09	2.3	<1.0				470	1,700	NS						

**TABLE 6. IRRIGATION/SUPPLY WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Office of State Engineer File Number	Preforated Interval (feet bgs)	Total Depth (feet bgs)	Pumping Rate (gpm)	Average Pumping Duration (hours/day)	Average Pumping Duration (months/ year)	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
<b>CENTRAL AREA</b>											
<b>Buena Vista Dairy II</b>											
LRG-01876	unkown	335	250	10.5	12	25-Mar-22	2.4	<1.0	380	1,470	NS
						17-Mar-21	2.3	<1.0	370	1,410	NS
						20-Feb-20	1.6	<1.0	360	1,440	NS
						28-Feb-19	1.5	<1.0	370	1,450	NS
						15-Feb-18	0.65	<1.0	390	1,420	NS
						26-May-17	0.174	0.186	356	1,330	NS
						23-May-16	0.140	<2.24	328	1,420	NS
						3-Nov-11	NS	NS	NS	NS	185
6-May-09	<1.0	<1.0	64	450	NS						
<b>Big Sky Dairy</b>											
LRG-4116	unknown	120	300	12	12	25-Mar-22	<1.0	<1.0	420	1,530	NS
						17-Mar-21	<1.0	<1.0	410	1,530	NS
						20-Feb-20	<1.0	<1.0	420	1,560	NS
						4-Mar-19	<1.0	<1.0	380	1,510	NS
						20-Feb-18	<1.0	<1.0	350	1,530	NS
						30-May-17	0.355	0.252	393	1,540	NS
						2-Mar-16	<0.305	<1.18	423	1,610	NS
						1-Nov-11	NS	NS	NS	NS	185
13-May-09	<2.0	<1.0	410	1,500	NS						
<b>River Valley Dairy</b>											
LRG-524-S-2	160-360	360	300	14	12	1-Jun-17	0.319	0.185	420	1,500	NS
						3-Mar-16	<0.305	3.36	449	1,560	NS
						2-Nov-11	NS	NS	NS	NS	192
						14-May-09	<2.0	<1.0	370	1,400	NS

**TABLE 6. IRRIGATION/SUPPLY WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

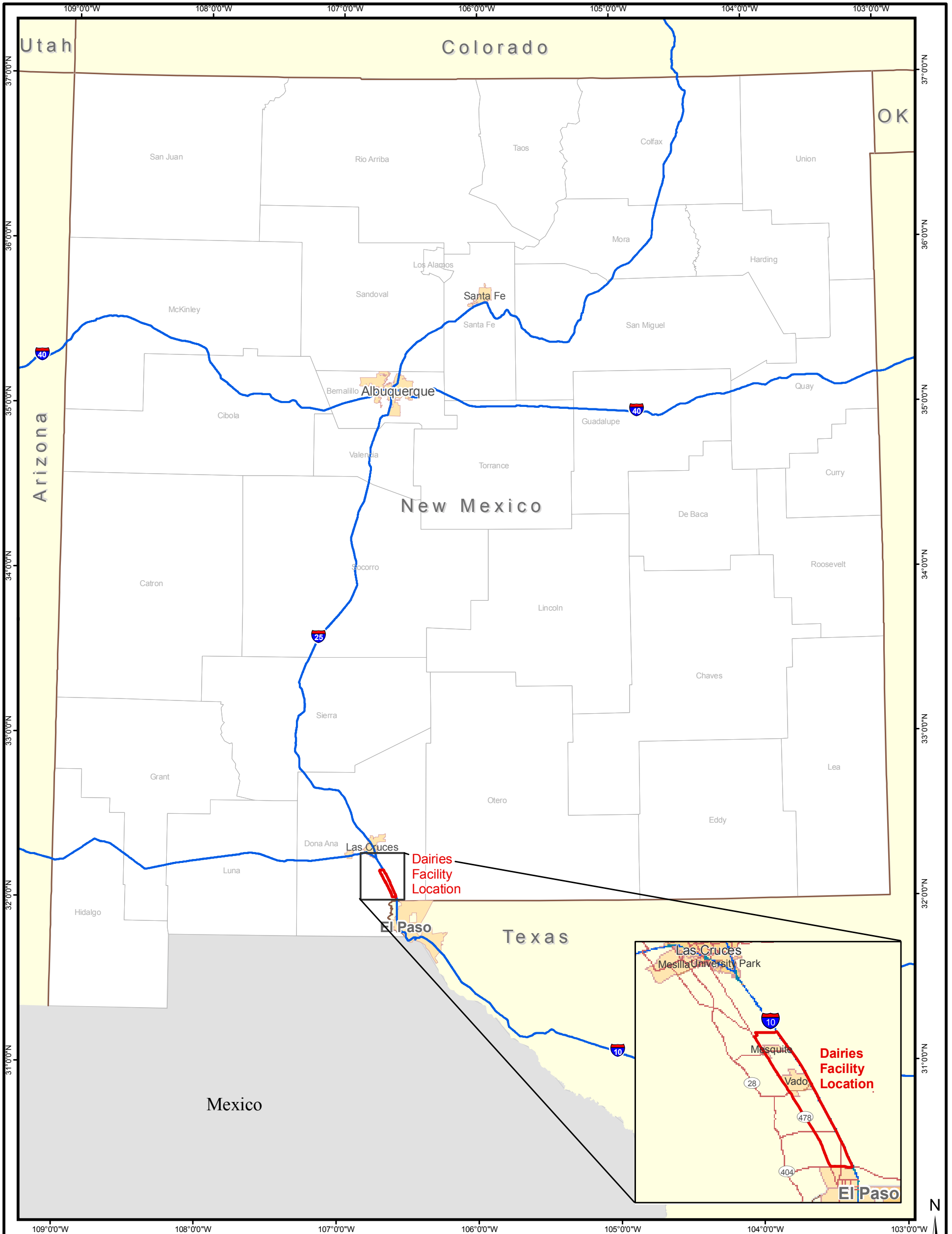
Office of State Engineer File Number	Preforated Interval (feet bgs)	Total Depth (feet bgs)	Pumping Rate (gpm)	Average Pumping Duration (hours/day)	Average Pumping Duration (months/ year)	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)
<b>Sunset/Desert Land Dairy</b>											
Sunset - LRG-3348-AS	340-380	380	300	9	12	25-Mar-22	8.0	<1.0	770	2,470	NS
						17-Mar-21	8.0	<1.0	760	2,500	NS
						20-Feb-20	5.1	<1.0	640	2,150	NS
						1-Mar-19	1.3	<1.0	420	1,620	NS
						20-Feb-18	5.9	<2.0	690	2,490	NS
						5-Jun-17	6.12	0.361	723	2,470	NS
						2-Mar-16	5.53	<1.18	775	2,580	448
						1-Nov-11	NS	NS	NS	NS	446
						13-May-09	2.0	<1.0	720	2,200	NS
LRG-314495-POD1 (Well next to DAD-08)	240-260	360				5-Jun-17	Not Sampled - Well Not in Use				
						2-Mar-16					
Desert Land - LRG-3348-B	360-380	380	300	5	12	25-Mar-22	<1.0	<1.0	370	1,360	NS
						17-Mar-21	<1.0	<1.0	350	1,330	NS
						20-Feb-20	<1.0	<1.0	360	1,390	NS
						1-Mar-19	<1.0	<1.0	340	1,360	NS
						20-Feb-18	1.2	<1.0	410	1,590	NS
						5-Jun-17	0.826	1.10	413	1,600	NS
						4-Mar-16	<0.305	<1.18	378	1,440	205
						11-Jan-11	NS	NS	NS	NS	185
						13-May-09	<2.0	<1.0	410	1,500	NS

**TABLE 6. IRRIGATION/SUPPLY WELL GROUNDWATER ANALYTICAL RESULTS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Office of State Engineer File Number	Preforated Interval (feet bgs)	Total Depth (feet bgs)	Pumping Rate (gpm)	Average Pumping Duration (hours/day)	Average Pumping Duration (months/ year)	Date Sampled	Nitrate (mg/l)	TKN (mg/l)	Chloride (mg/l)	TDS (mg/l)	Sulfate (mg/l)												
<b>SOUTHERN AREA</b>																							
<b>Del Oro Dairy</b>																							
LRG-5820	unknown	200	300	0.25	12	25-Mar-22	<1.0	<1.0	380	1,280	NS												
LRG-5820-S	unkown	250	150	1.5	12																		
LRG-5820-S-2	220-300	300	300	6	12																		
LRG-5820	unknown	200	300	0.25	12	17-Mar-21	<1.0	<1.0	360	1,290	NS												
LRG-5820-S	unkown	250	150	1.5	12																		
LRG-5820-S-2	220-300	300	300	6	12																		
LRG-5820	unknown	200	300	0.25	12	20-Feb-20	<1.0	<1.0	370	1,300	NS												
LRG-5820-S	unkown	250	150	1.5	12																		
LRG-5820-S-2	220-300	300	300	6	12																		
LRG-5820	unknown	200	300	0.25	12	7-Mar-19	<1.0	<1.0	370	1,310	NS												
LRG-5820-S	unkown	250	150	1.5	12																		
LRG-5820-S-2	220-300	300	300	6	12																		
LRG-5820	unknown	200	300	0.25	12	23-Feb-18	<1.0	<1.0	380	1,320	NS												
LRG-5820-S	unkown	250	150	1.5	12																		
LRG-5820-S-2	220-300	300	300	6	12																		
LRG-5820	unknown	200	300	0.25	12	5-Jun-17	0.146	0.547	378	1,370	179												
LRG-5820-S	unkown	250	150	1.5	12																		
LRG-5820-S-2	220-300	300	300	6	12																		
LRG-5820	unkown	200	300	0.25	12	3-Mar-16	<0.305	<1.18	404	1,260	NS												
LRG-5820-S	unkown	250	150	1.5	12																		
LRG-5820-S-2	220-300	300	300	6	12																		
LRG-5820	unkown	200	300	0.25	12	31-Oct-11	NS	NS	NS	NS	184												
LRG-5820-S	unkown	250	150	1.5	12																		
LRG-5820-S-2	220-300	300	300	6	12																		
LRG-5820	unkown	200	300	0.25	12	12-May-09	<2.0	<1.0	380	1,200	NS												
LRG-5820-S	unkown	250	150	1.5	12																		
LRG-5820-S-2	220-300	300	300	6	12																		
<b>NMWQCC Standard</b>							<b>10</b>	<b>NA</b>	<b>250</b>	<b>1,000</b>	<b>600</b>												
<p>NOTES:</p> <table border="0"> <tr> <td>feet bgs = Feet below ground surface</td> <td>NMWQCC = New Mexico Water Quality Control</td> <td>Data from current quarter.</td> </tr> <tr> <td>mg/l = Milligrams per liter</td> <td>NS = Not sampled</td> <td>Highlight is at or above NMWQCC Standard</td> </tr> <tr> <td>NA = Not applicable</td> <td>TDS = Total dissolved solids</td> <td>* = Suspect data. Samples may have been switched.</td> </tr> <tr> <td>ND = Non detect</td> <td>TKN = Total Kjeldahl nitrogen</td> <td></td> </tr> </table>												feet bgs = Feet below ground surface	NMWQCC = New Mexico Water Quality Control	Data from current quarter.	mg/l = Milligrams per liter	NS = Not sampled	Highlight is at or above NMWQCC Standard	NA = Not applicable	TDS = Total dissolved solids	* = Suspect data. Samples may have been switched.	ND = Non detect	TKN = Total Kjeldahl nitrogen	
feet bgs = Feet below ground surface	NMWQCC = New Mexico Water Quality Control	Data from current quarter.																					
mg/l = Milligrams per liter	NS = Not sampled	Highlight is at or above NMWQCC Standard																					
NA = Not applicable	TDS = Total dissolved solids	* = Suspect data. Samples may have been switched.																					
ND = Non detect	TKN = Total Kjeldahl nitrogen																						

## **FIGURES**



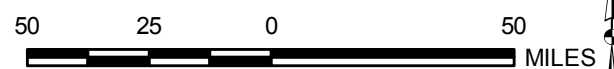


**LEGEND:**


Facility Boundary

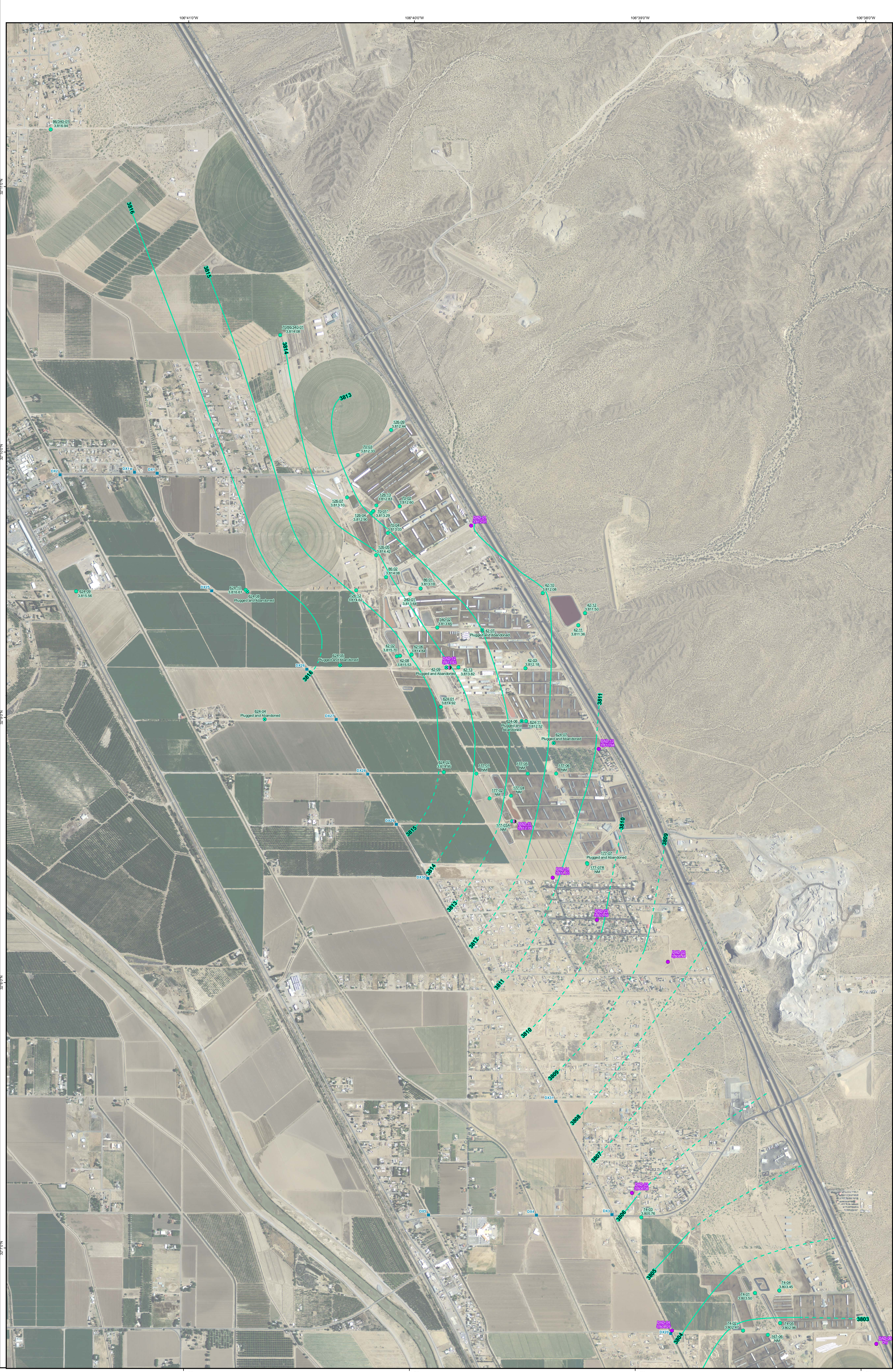
**REFERENCES**

Base Data: ESRI, 2008.



SCALE 1:2,500,000  
WHEN PRODUCED AT 11X17IN

PROJECT		DOÑA ANA DAIRIES MESQUITE, NEW MEXICO	
TITLE		SITE LOCATION MAP	
	PROJECT No.	11x17_siteloc.mxd	
	DESIGN		SCALE AS SHOWN
	GIS		REV 0
	CHECK		
	REVIEW		
			<b>FIGURE 1</b>



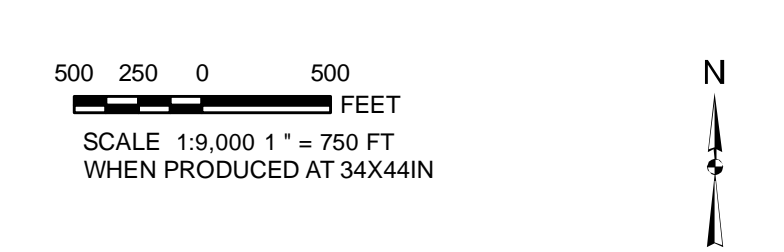
**LEGEND**

- Discharge Plan Well With Water Elevations (Feet MSL)
- Abatement Plan Well With Water Elevations (Feet MSL)
- Abatement Plan Vertical Delineation Monitoring Well with Water Elevation (Feet MSL)
- Discharge Plan Well - Plugged and Abandoned or Destroyed
- Drain Crossing Location
- Potentiometric Contour
- - - Potentiometric Contour - Assumed
- Interstate Highway
- State Highway
- Other Road
- Land Owned by Dairies
- Land Application on Non-Dairy Property
- Stage 2 Abatement Plan
- Public Land Survey System

**Notes:**  
 Feet MSL = Feet above mean sea level  
 NM = Not measured

**REFERENCES**

Roads: Doña Ana County, 2001  
 Aerial Photography: NARI, 2011  
 NAD 83 UTM, 2000  
 Projection: State Plane NAD 83 New Mexico Central (feet)



PROJECT: **DOÑA ANA DAIRIES MESQUITE, NEW MEXICO**

MAP: **POTENTIOMETRIC SURFACE MAP, MAY 2022, NORTHERN PORTION**

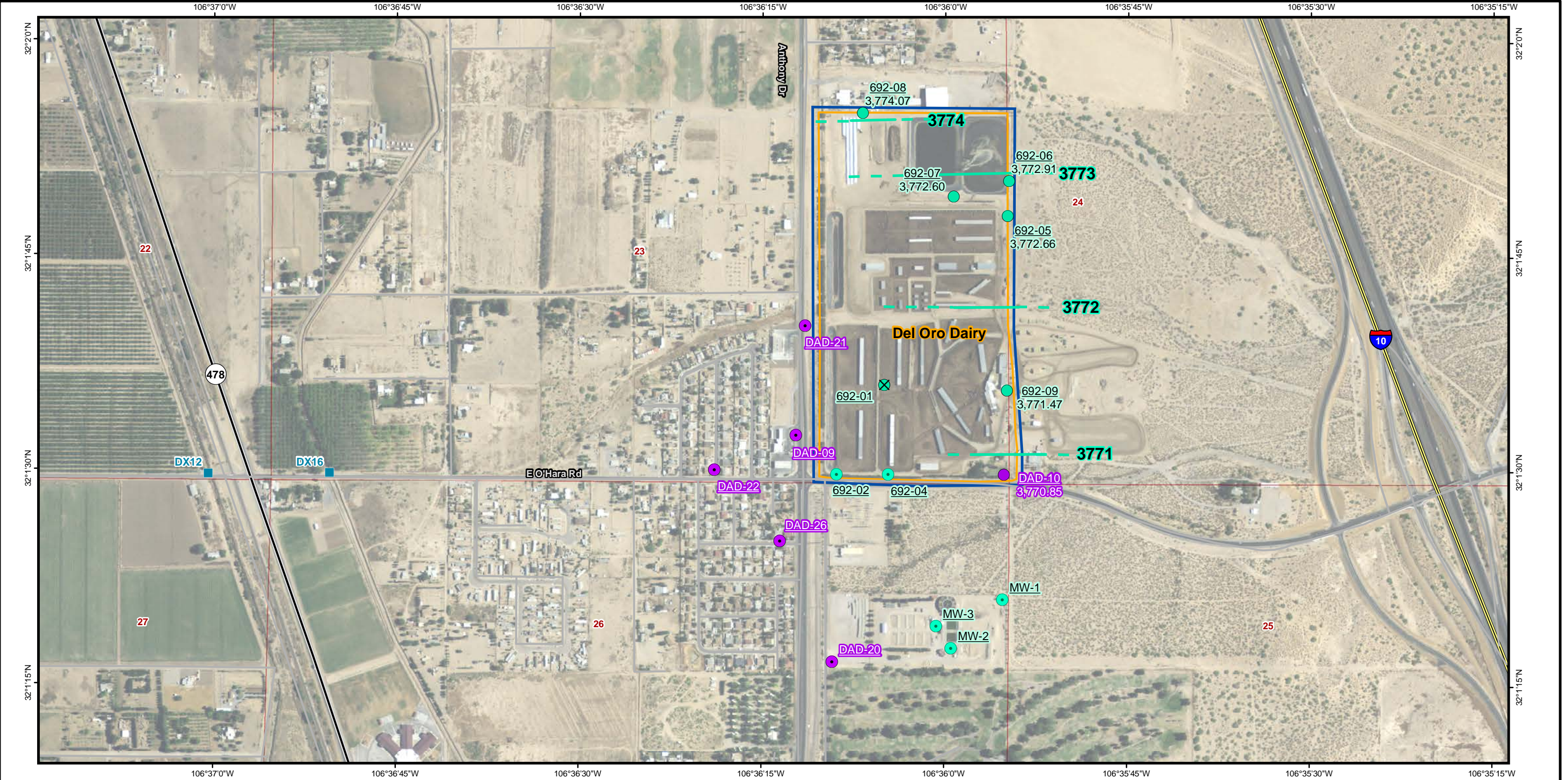
PROJECT NUMBER	
REVISION	
DATE	
BY	
CHECKED	
DATE	

FIGURE 2

2022 2027 P:\PROJECTS\DOA\DOA\_2022\MAY\_2022\DOA\_2022\_POTENTIOMETRIC\_SURFACE\_MAP\_NORTH\_PORTION.dwg



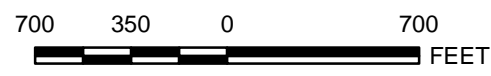
2022-06-16 P:\gis2\Commercial\Dona Ana Dairies - 1464109\02 May 2022\Projects\Fig 4 SouthRegionAq\_Pot\_2022\_05.mxd EA-Albuquerque rmullen



**LEGEND:**

- Drain Crossing Location
- Perched Aquifer Monitoring Well
  - Abatement Plan Well With Water Elevations (Feet Above Mean Sea Level)
  - Discharge Plan Well with Water Elevation (Feet Above Mean Sea Level)
  - ✕ Discharge Plan Well - Plugged and Abandoned
- Regional Aquifer Monitoring Well
  - Abatement Plan Well With Water Elevations (Feet Above Mean Sea Level)
  - Discharge Plan Well with Water Elevation (Feet Above Mean Sea Level)
- Potentiometric Contour
- - - Potentiometric Contour - Assumed
- Land Owned by Dairies
- Stage 2 Abatement Plan Area
- Public Land Survey System

**REFERENCES**  
 Aerial Photography: NAIP, 2011  
 PLSS: BLM, 2000  
 Projection: State Plane NAD 83 New Mexico Central (feet)

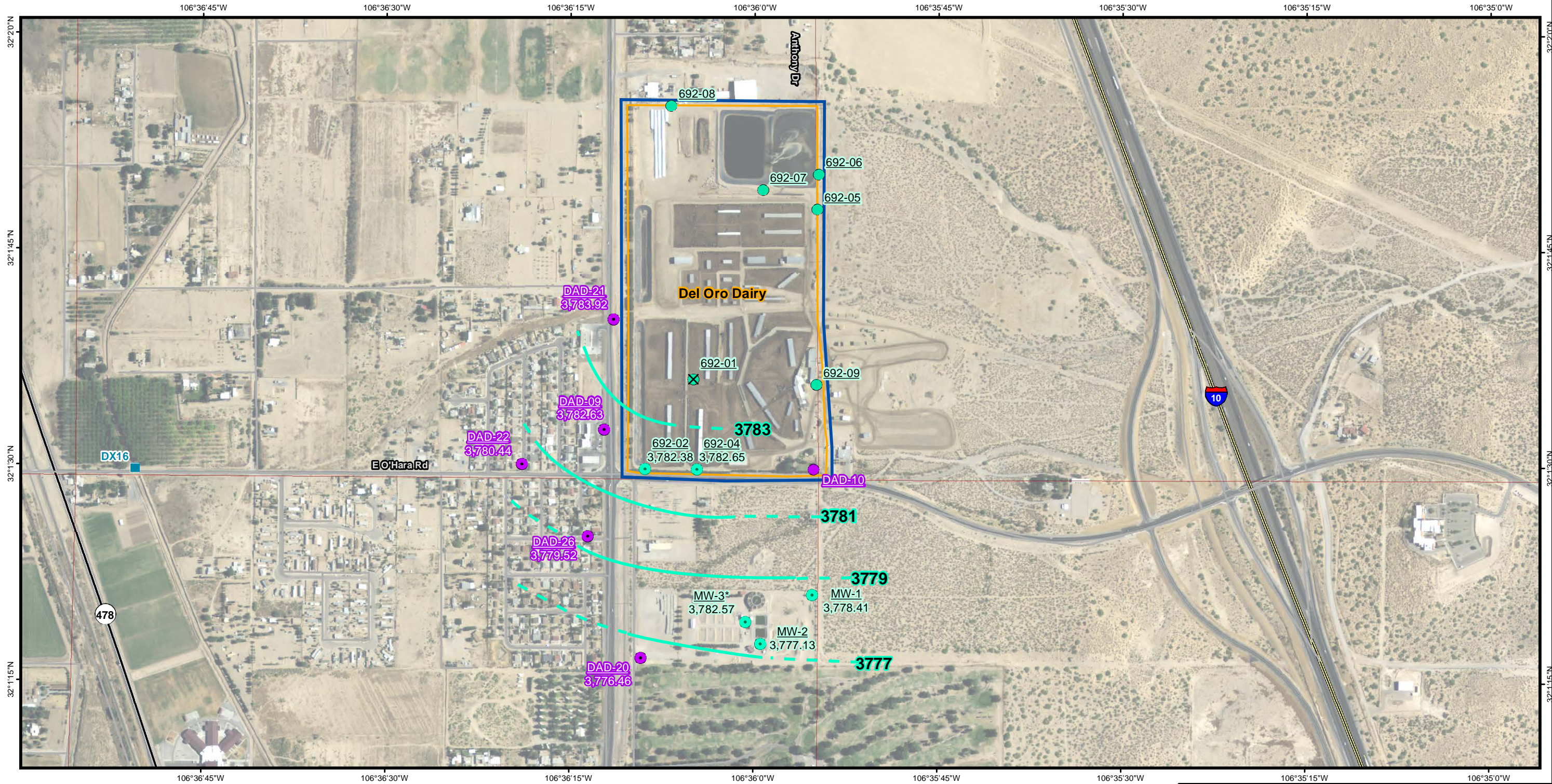


SCALE 1:8,400 1" = 700 FT  
 WHEN PRODUCED AT 11X17IN



PROJECT		<b>DOÑA ANA DAIRIES MESQUITE, NEW MEXICO</b>	
TITLE		<b>POTENTIOMETRIC SURFACE MAP MAY 2022, SOUTHERN PORTION REGIONAL AQUIFER</b>	
	PROJECT No.	1464109.02	Fig 4 SouthRegionAq_Pot.mxd
	DESIGN	NA	SCALE AS SHOWN
	GIS	RMM	REV 0
	CHECK		
REVIEW			
			FIGURE 4

2022-08-27 P:\gis2\Commercial\Dona Ana Dairies - 1464109\02 May 2022\Projects\Fig 5 SouthPerchAq\_Pot\_2022\_05.mxd EA-Albuquerque mullen



**LEGEND:**

- Drain Crossing Location
- Perched Aquifer Monitoring Well**
- Abatement Plan Well With Water Elevations (Feet Above Mean Sea Level)
- Discharge Plan Well with Water Elevation (Feet Above Mean Sea Level)
- ✕ Discharge Plan Well - Plugged and Abandoned
- Regional Aquifer Monitoring Well**
- Abatement Plan Well With Water Elevations (Feet Above Mean Sea Level)
- Discharge Plan Well with Water Elevation (Feet Above Mean Sea Level)
- - - Potentiometric Contour - Assumed
- Potentiometric Contour
- Land Owned by Dairies
- Stage 2 Abatement Plan Area
- Public Land Survey System

**Note:**  
\* = Not used in contouring.

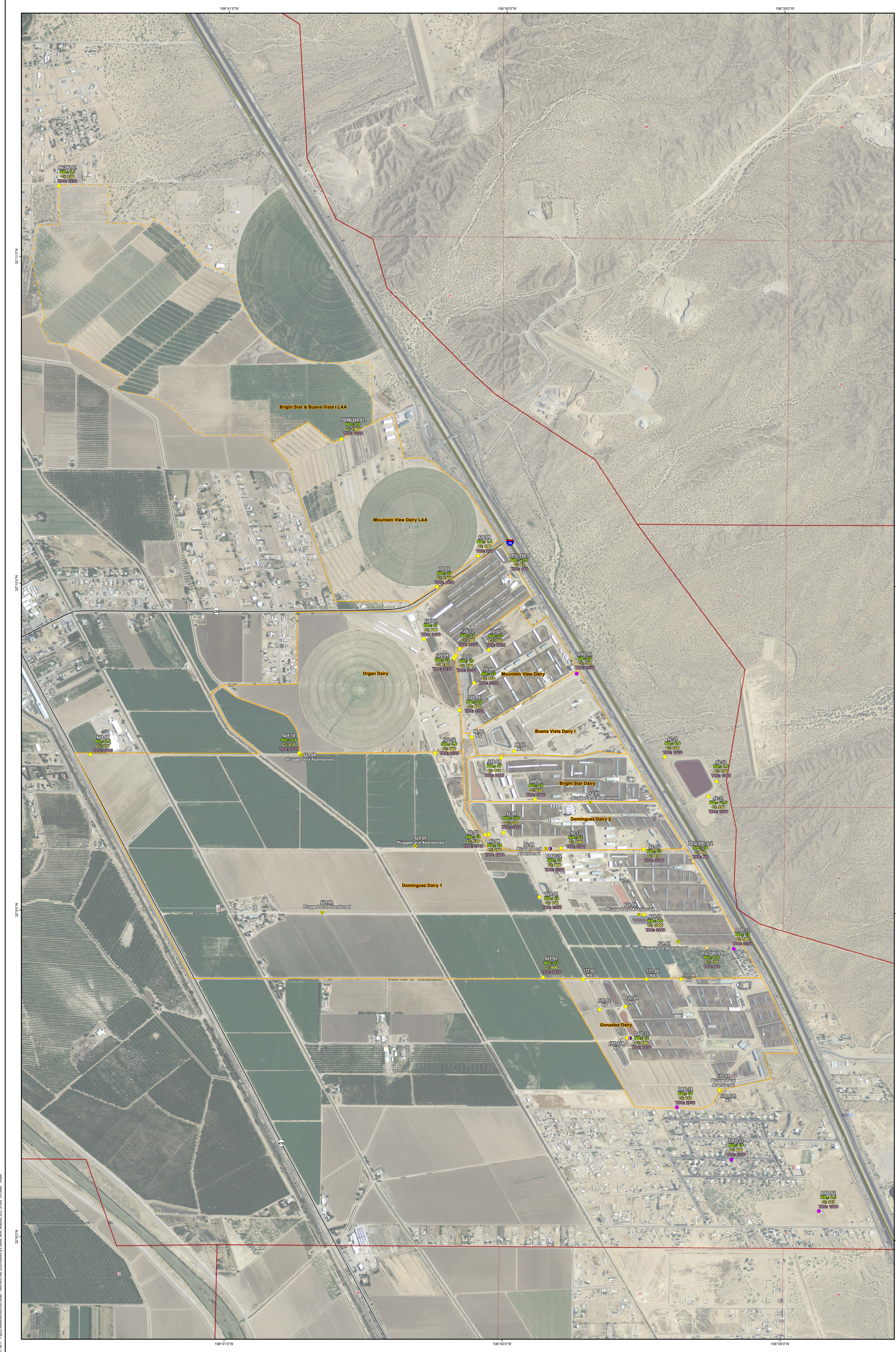


SCALE 1:8,400 1" = 700 FT  
WHEN PRODUCED AT 11X17IN



**REFERENCES**  
Aerial Photography: NAIP, 2011  
PLSS: BLM, 2000  
Projection: State Plane NAD 83 New Mexico Central (feet)

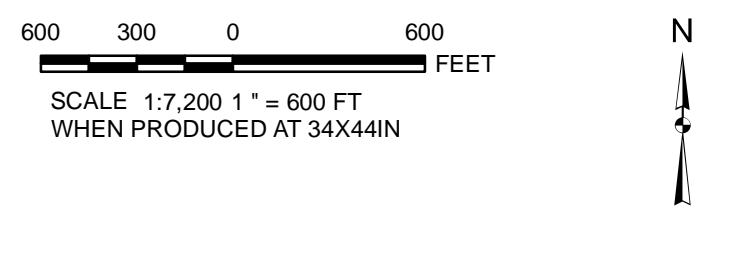
<b>DOÑA ANA DAIRIES MESQUITE, NEW MEXICO</b>			
<b>POTENTIOMETRIC SURFACE MAP MAY 2022, SOUTHERN PORTION PERCHED AQUIFER</b>			
	PROJECT No. 1464109.02		SCALE AS SHOWN
	DESIGN	NA	REV 0
	GIS	RMM	
	CHECK		
REVIEW			<b>FIGURE 5</b>



- LEGEND:**
- Abatement Plan Monitoring Well
  - Discharge Plan Monitoring Well
  - Discharge Plan Monitoring Well, Plugged and Abandoned or Destroyed
  - Abatement Plan Vertical Delineation Monitoring Well
  - Dairy Irrigation/Supply Well
  - Interstate Highway
  - State Highway
  - Other Road
  - Land Owned by Dairies
  - Land Application on Non-Dairy Property
  - Stage 2 Abatement Plan Area
  - Public Land Survey System

**Notes:**  
 Units are in milligrams per liter.  
 Cl = Chloride  
 NO<sub>3</sub> = Nitrate as N  
 NS = Not Sampled  
 TDS = Total Dissolved Solids

**REFERENCES**  
 Roads: Doña Ana County, 2001  
 Aerial Photography: NAMP, 2011  
 F.S.S. BLM, 2002  
 Projection: State Plane NAD 83 New Mexico Central (feet)



**DOÑA ANA DAIRIES  
 MESQUITE, NEW MEXICO**

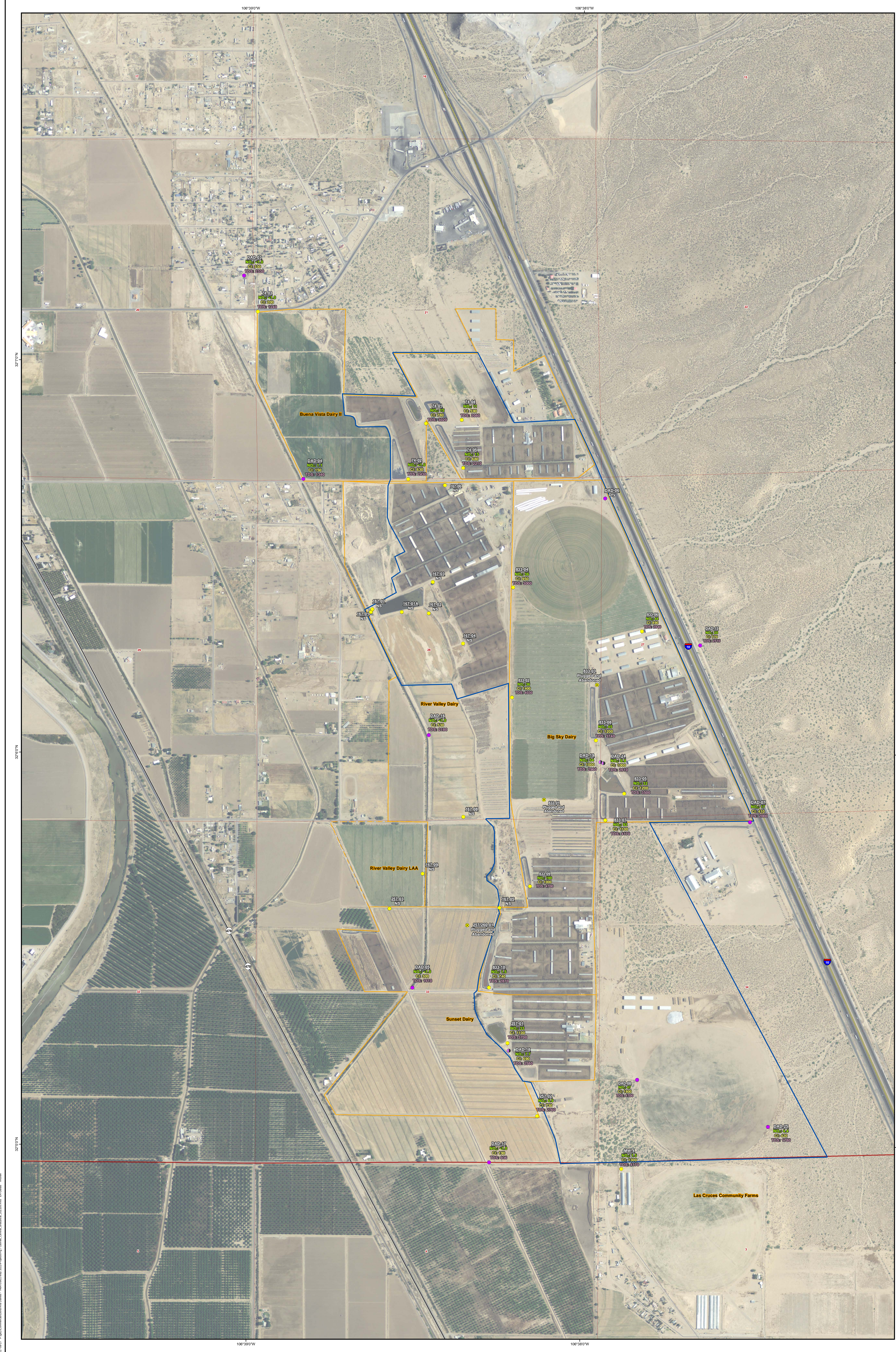
**GROUNDWATER ANALYTICAL RESULTS  
 NORTHERN PORTION**

**MAY 2022**

**EA**

**FIGURE 6**

2022 05 17 10:00 AM C:\Users\jdo\OneDrive\Documents\2022\20220517\_1000\20220517\_1000.mxd



- LEGEND :**
- Abatement Plan Monitoring Well
  - Discharge Plan Monitoring Well
  - Discharge Plan Monitoring Well, Plugged and Abandoned
  - Abatement Plan Vertical Delineation Monitoring Well
  - Interstate Highway
  - State Highway
  - Other Road
  - Land Owned by Dairies
  - Land Application on Non-Dairy Property
  - Stage 2 Abatement Plan Area
  - Public Land Survey System

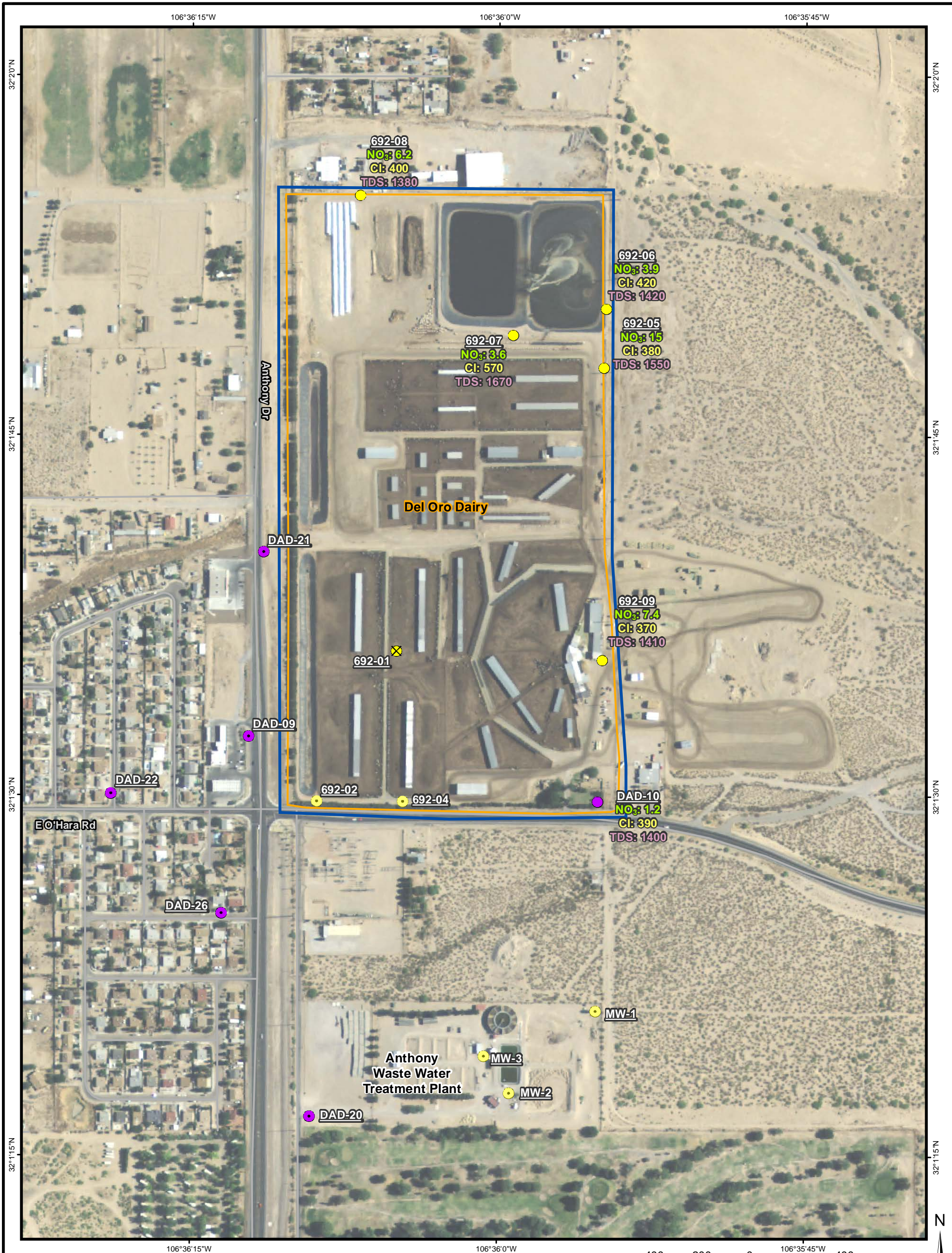
**Notes:**  
 Units are in milligrams per liter.  
 Cl = Chloride  
 NO<sub>3</sub> = Nitrate as N  
 NS = Not Sampled  
 TDS = Total Dissolved Solids

**REFERENCES**  
 Roads: Doña Ana County, 2011  
 Aerial Photography: NADP, 2011  
 F.S.S. 84.A, 2000  
 Projection: State Plane NAD 83 New Mexico Central (feet)



PROJECT		DOÑA ANA DAIRIES MESQUITE, NEW MEXICO	
TITLE		GROUNDWATER ANALYTICAL RESULTS CENTRAL PORTION	
DATE	DATE	DATE	DATE
2022	2022	2022	2022
DRAWN BY		CHECKED BY	
SCALE		SCALE	
PROJECT NO.		PROJECT NO.	
SHEET NO.		SHEET NO.	
SHEET TOTAL		SHEET TOTAL	
DATE		DATE	
2022		2022	
BY		BY	
DATE		DATE	
2022		2022	

**FIGURE 7**



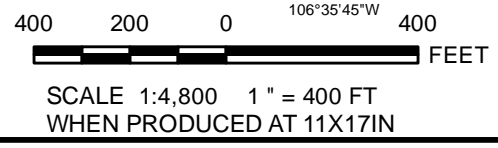
**LEGEND:**

- Perched Aquifer Monitoring Well**
- Abatement Plan Monitoring Well (Purple dot)
  - Discharge Plan Monitoring Well (Yellow dot)
  - Discharge Plan Monitoring Well - Plugged and Abandoned (Yellow dot with X)
- Regional Aquifer Monitoring Well**
- Abatement Plan Monitoring Well (Purple dot)
  - Discharge Plan Monitoring Well (Yellow dot)
- Other Symbols:**
- Land Owned by Dairies (Orange outline)
  - Stage 2 Abatement Plan Area (Blue outline)

**Notes:**  
 Units are in milligrams per liter.  
 \* Result represents a composite sample from a water tank supplied by wells LRG-5820, LRG-5820-S, and LRG-5820-S-2.

Cl = Chloride  
 NO<sub>3</sub> = Nitrate as N  
 TDS = Total Dissolved Solids

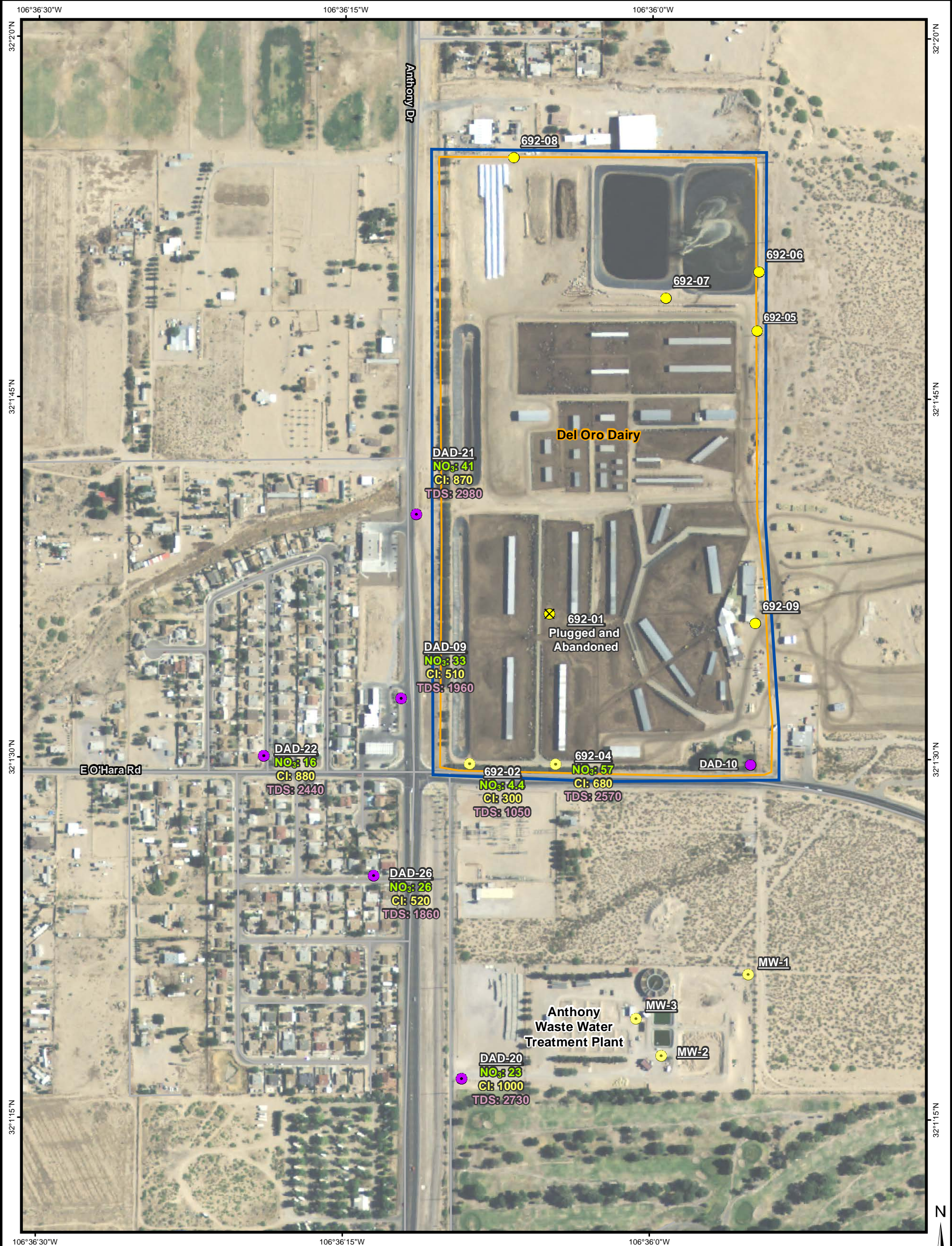
**REFERENCES**  
 Aerial Photography: NAIP, 2011  
 PLSS: BLM, 2000  
 Projection: State Plane NAD 83 New Mexico Central (feet)



PROJECT			
<b>DOÑA ANA DAIRIES MESQUITE, NEW MEXICO</b>			
TITLE			
<b>GROUNDWATER ANALYTICAL RESULTS MAY 2022 SOUTHERN PORTION, REGIONAL AQUIFER</b>			
PROJECT No. 1464109.02	Fig8SouthRegionAq_Analytical.mxd	SCALE AS SHOWN	
DESIGN NA		REV 0	
GIS RM			
CHECK			
REVIEW			

**FIGURE 8**





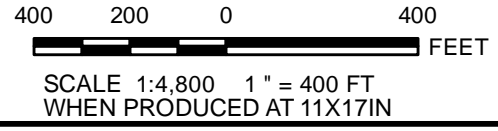
**LEGEND:**

- Perched Aquifer Monitoring Well**
  - Abatement Plan Monitoring Well
  - Discharge Plan Monitoring Well
  - ✕ Discharge Plan Monitoring Well - Plugged and Abandoned
- Regional Aquifer Monitoring Well**
  - Abatement Plan Monitoring Well
  - Discharge Plan Monitoring Well
- Land Owned by Dairies
- Stage 2 Abatement Plan Area

**Notes:**

Units are in milligrams per liter.  
 Cl = Chloride  
 mg/L = Milligram(s) per liter  
 NO<sub>3</sub> = Nitrate as N  
 TDS = Total Dissolved Solids

**REFERENCES**  
 Aerial Photography: NAIP, 2011  
 PLSS: BLM, 2000  
 Projection: State Plane NAD 83 New Mexico Central (feet)



<b>PROJECT</b>			
<b>DOÑA ANA DAIRIES MESQUITE, NEW MEXICO</b>			
<b>TITLE</b>			
<b>GROUNDWATER ANALYTICAL RESULTS MAY 2022 SOUTHERN PORTION, PERCHED AQUIFER</b>			
	PROJECT No. 1464109.02		
	DESIGN	NA	SCALE AS SHOWN
	GIS	RM	REV 0
	CHECK		
REVIEW			<b>FIGURE 9</b>

**APPENDIX A**

**SAMPLING FIELD FORMS**

**(Provided in Electronic Format via CD Located on Front Cover of Report)**

**MONITORING WELL GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Northing <sup>a</sup>	Easting <sup>a</sup>	Date	Time	Depth to Water	Notes or Total Depth (ft)	
<b>NORTHERN AREA</b>							
<b>Northern Land Application Area (DP-340)</b>							
70-03	424580.78	1510233.88	5-2-22	10:29	59.10	61.55	
70/86/340-01	427320.92	1508461.05	5-2-22	10:05	52.69	67.83	
86/340-01	432021.33	1503216.90	5-2-22	9:45	59.20	70.75	
<b>Mountain View Dairy (DP-70)</b>							
70-01	423303.43	1510585.63	5-2-22	10:48	38.55	45.64	
70-02	423412.73	1511192.51	5-2-22	11:25	48.65	49.70	
70-04	422798.94	1510922.20	5-2-22	11:32	36.78	47.73	
<b>Buena Vista Dairy I (DP-86)</b>							
86-01	421534.62	1511667.76	5-2-22	11:55	51.78	54.41	
86-02	421792.08	1510881.53	5-2-22	12:05	39.00	48.44	
<b>Bright Star Dairy (DP-340)</b>							
340-01	421410.13	1511423.42	5-2-22	12:13	44.84	48.17	
340-02	420641.08	1512051.57	5-2-22	12:28	56.11	56.90	
<b>Dominguez 2 (DP-42)</b>							
42-02	419982.45	1511126.19	5-2-22	14:45	28.99	65.30	Pump
42-03	419710.55	1514064.35	5-2-22	13:13	86.28	97.17	Pump
42-06	420021.61	1511465.15	5-2-22	14:32	35.31	41.51	Pump
X 42-07	420584.8	1513076.66	---	---	---	WELL REMOVED	Pump
42-08	419994.93	1511197.91	5-2-22	14:53	31.00	35.06	Pump
X 42-09	419729.17	1512255.76	---	---	---	WELL REMOVED	Pump
42-10	421426.39	1514460.4	5-3-22	9:36	117.20	123.58	Pump
42-11	420693.98	1515270.32	5-3-22	8:55	127.95	133.46	Pump
42-12	420972.09	1515423.88	5-3-22	9:07	134.33	139.45	Pump
42-13	419734.06	1512534.42	5-2-22	13:22	59.28	67.55	Pump
<b>Dominguez Dairy (DP-624)</b>							
624-01	418826.21	1512131.46	5-3-22	10:40	28.80	46.77	
624-02	417335.25	1512201.42	5-3-22	10:47	20.50	37.35	
624-09			5-3-22	9:58	22.69	32.71	
624-10			5-3-22	10:55	22.89	37.28	
624-11			5-3-22	10:20	54.61	68.83	

**MONITORING WELL GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Northing <sup>a</sup>	Easting <sup>a</sup>	Date	Time	Depth to Water	Notes or Total Depth (ft)
<b>CENTRAL AREA</b>						
<b>Buena Vista Dairy II (DP-74)</b>						
74-01	405434.93	1519310.15	5-3-22	14:25	37.51	45.17
74-02	404574.08	1519035.52	5-3-22	14:17	18.11	20.25
74-03	407163.61	1516711.72	5-3-22	13:52	17.60	20.23
74-04	405488.65	1519864.48	5-3-22	14:45	49.72	57.86
74-05	404747.71	1519885.3	5-3-22	14:58	42.39	57.12
<b>Big Sky Dairy (DP-833)</b>						
833-02	401200.32	1520639.92	5-4-22	9:45	35.60	57.91
833-04	402898.52	1520659.33	5-4-22	9:55	43.86	53.27
833-05	399712.39	1522374.73	5-4-22	10:37	66.12	73.44
833-06	402219.48	1522652.04	5-4-22	9:35	76.38	85.26
833-07	399298.8	1522082.75	5-4-22	10:23	61.80	73.50
833-08	400535.64	1521938.23	5-4-22	10:10	61.16	73.19
833-09	398280.67	1520918.52	5-4-22	11:16	28.15	39.63
833-10	396715.89	1520283.6	5-4-22	11:31	22.66	37.60
<b>Sunset/Desert Land Dairy (DP-257)</b>						
257-01	395856.31	1520572.16	5-4-22	12:32	22.44	25.84
257-02	394728.34	1521030.29	5-4-22	12:22	17.06	20.80
257-03	397935.69	1518746.14	5-4-22	11:47	13.92	16.08
MW-4			5-4-22	13:46	32.80	39.93
<b>SOUTHERN AREA</b>						
<b>Del Oro Dairy (DP-692)</b>						
692-02	372984.72	1531192.1	5-4-22	15:26	58.46	66.15
692-04	372982.53	1531555.21	5-4-22	15:33	60.01	60.53
692-05	374807.26	1532403	5-4-22	15:48	81.60	87.45
692-06	375054.77	1532411.83	5-4-22	15:54	83.57	90.21
692-07	374944.88	1532019.81	5-4-22	16:03	75.60	77.60
692-08	375535.69	1531378.09	5-4-22	16:17	69.02	77.11
692-09	373575.83	1532395.09	5-4-22	15:40	84.85	91.03
<b>Anthony Waste Water Treatment Plant</b>						
MW-1	372097.86	1532364.36	5-4-22	15:00	64.62	79.99
MW-2	NM	NM	5-4-22	15:10	66.12	79.96
MW-3	NM	NM	5-4-22	15:16	58.67	78.41

**MONITORING WELL GAUGING DATA  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Northing <sup>a</sup>	Easting <sup>a</sup>	Date	Time	Depth to Water	Notes or Total Depth (ft)
<b>ABATEMENT PLAN MONITOR WELLS</b>						
DAD-01	422970.59	1512825.76	5-2-22	11:47	74.15	76.25
DAD-02	413002.98	1517319.93	5-3-22	12:38	67.38	68.12
DAD-03	407721.31	1516497.85	5-3-22	12:51	14.50	18.83
DAD-04	404576.66	1517413.28	5-3-22	14:07	17.22	18.56
DAD-05	396712.87	1519102.06	5-4-22	12:09	15.78	23.05
DAD-06	404273.19	1522081.00	5-4-22	9:21	Dry	83.19
DAD-07	399270.18	1524320.88	5-4-22	13:20	92.63	100.63
DAD-08	395287.38	1522575.07	5-4-22	12:46	52.74	55.66
DAD-09	373259.30	1530905.70	5-4-22	14:03	55.40	61.22
DAD-10	372980.55	1532375.33	5-4-22	16:30	84.08	93.79
DAD-11	416211.35	1513814.71	5-3-22	11:36	23.12	47.46
DAD-12	419731.54	1512274.77	5-2-22	13:33	52.90	82.20
DAD-13	417879.08	1515673.13	5-3-22	11:10	87.50	92.75
DAD-14	414923.33	1514695.26	5-3-22	11:24	30.80	42.55
DAD-15	402001.22	1523552.04	5-3-22	13:35	96.38	109.91
DAD-16	400628.77	1519350.74	5-4-22	9:11	19.39	32.71
DAD-17	393991.97	1520267.94	5-4-22	12:00	20.87	38.85
DAD-18	395714.14	1520588.96	5-4-22	12:38	24.18	57.13
DAD-19	400164.47	1522027.92	5-4-22	10:55	64.58	99.33
DAD-20	371751.45	1531188.19	5-4-22	14:40	56.81	68.87
DAD-21	374013.39	1530983.98	5-4-22	13:55	55.70	66.48
DAD-22	373029.62	1530352.69	5-4-22	14:15	46.70	50.05
DAD-23	413958.29	1515697.17	5-3-22	12:20	45.30	57.70
DAD-24	400183.23	1522052.57	5-4-22	10:50	67.77	130.55
DAD-25	394560.83	1524599.12	5-4-22	13:08	66.73	77.18
DAD-26	372513.58	1530789.76	5-4-22	14:25	49.79	62.54
Notes:						
<sup>a</sup> Horizontal control to NM State Plane Coordinates Central NAD83 Grid Coordinates (in feet)						
<sup>b</sup> Measured in feet below the top of casing at survey point on north side of well						

## Organ Dairy Mesquite, NM

### Field Parameters and Sample Results for Monitoring wells 2<sup>nd</sup> Quarter 2022

Well ID	Sampling Date	Depth to water (ft)	TDS (mg/L)	Cl (mg/L)	TKN (mg/L)	NO3 (mg/L)	SO4 (mg/L)	EC (μS/cm)	pH	Temp (°C)	DO (mg/L)	ORP (mv)
MW 126-04	05/05/2022	37.41	3130.00	750.00	<5.0	25.00	680.00	5230.00	7.16	22.60	3.4	190
MW 126-05	05/05/2022	28.20	3220.00	660.00	1.30	9.00	720.00	NA	NA	NA	NA	NA
MW 126-07	05/05/2022	37.84	3470.00	790.00	<5.0	21.00	820.00	5820.00	7.02	23.00	3.1	230
MW 126-09	05/05/2022	80.91	924.00	190.00	<1.0	1.40	130.00	NA	NA	NA	NA	NA
MW 126-12	05/05/2022	24.26	2120.00	360.00	<1.0	3.80	510.00	3620.00	7.33	21.70	1.6	185
MW 126-13	05/05/2022	44.54	3330.00	700.00	<2.0	14.00	830.00	5570.00	7.13	21.90	1.9	171
LRG-458S	05/05/2022	NA	480.00	67.00	<1.0	<1.0	89.00	784.00	7.80	42.20	2.2	40

NA- Insufficient recharge to collect field parameters.

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 833-02 Date Gauged 5-18-22  
 Site Big Sky Time Gauged 9:05  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 35.58 feet Height of Fluid Column 22.32 feet  
 Total Depth 57.90 feet Volume in Well 14.731 gallons  
 (3 Well Volumes = 44.19 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:12 5-18-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:31	15	15	19.8	6252	6.95	186	2.08
9:48	15	30	19.6	6178	7.18		
10:16	15	45	19.5	6273	7.24		

Actual Purge Volume 50 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:25 5-18-22 Purged/Sampled By AN  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 833-04 Date Gauged 5-16-22  
 Site Big Sky Time Gauged 14:09  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 43.88 feet Height of Fluid Column 9.39 feet  
 Total Depth 53.27 feet Volume in Well 6.197 gallons  
 (3 Well Volumes = 18.59 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:12 5-16-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:25	6	6	23.9	4717	7.88	164	2.68
14:35	6	12	23.6	4667	7.79		
14:49	7	19	23.1	4643	7.60		
14:52	.25	19.25	23.0	4587	7.52		

Actual Purge Volume 24 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 15:00 5-16-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft



MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 833-05 Date Gauged 5-18-22  
 Site Big Sky Time Gauged 14:07  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 66.10 feet Height of Fluid Column 7.34 feet  
 Total Depth 73.44 feet Volume in Well 4.844 gallons  
 (3 Well Volumes = 14.53 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:13 5-18-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:24	5	5	25.5	5550	8.11	188	2.84
14:33	5	10	24.1	5418	7.90		
14:44	5	15	23.9	5441	7.67		
14:46	.25	15.25	24.0	5415	7.44		

Actual Purge Volume 20 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 14:57 5-18-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 833-06 Date Gauged 5-16-22  
 Site Big Sky Time Gauged 13:00  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 76.35 feet Height of Fluid Column 8.91 feet  
 Total Depth 85.26 feet Volume in Well 5.880 gallons  
 (3 Well Volumes = 17.64 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:05 5-16-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:17	6	6	23.4	4285	7.61	232	2.94
13:32	6	12	22.9	4230	7.70		
13:44	6	18	22.8	4361	7.43		
13:45	.25	18.25	23.0	4350	7.36		

Actual Purge Volume 23 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 13:55 5-16-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 833-07 Date Gauged 5-18-22  
 Site Big Sky Time Gauged 11:53  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 61.75 feet Height of Fluid Column 11.73 feet  
 Total Depth 73.48 feet Volume in Well 7.741 gallons  
 (3 Well Volumes = 23.22 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:58 5-18-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:17	8	8	22.8	6160	6.96	179	2.90
12:39	8	16	22.6	6136	7.77		
13:05	8	24	22.6	6182	7.63		
13:06	.25	24.25	22.5	6171	7.51		

Actual Purge Volume 28 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 13:20 5-18-22 Purged/Sampled By AN  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 833-08 Date Gauged 5-18-22  
 Site Big Sky Time Gauged 10:45  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 61.13 feet Height of Fluid Column 12.06 feet  
 Total Depth 73.19 feet Volume in Well 7.959 gallons  
 (3 Well Volumes = 23.87 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:50 5-18-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>11:03</u>	<u>8</u>	<u>8</u>	<u>22.3</u>	<u>5937</u>	<u>7.82</u>	<u>172</u>	<u>2.74</u>
<u>11:18</u>	<u>8</u>	<u>16</u>	<u>22.1</u>	<u>5812</u>	<u>7.58</u>		
<u>11:25</u>	<u>8</u>	<u>24</u>	<u>22.2</u>	<u>5713</u>	<u>7.36</u>		

Actual Purge Volume 28 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 11:36 5-18-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 833-09 Date Gauged 5-19-22  
 Site Big Sky Time Gauged 9:50  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 28.13 feet Height of Fluid Column 11.52 feet  
 Total Depth 39.65 feet Volume in Well 7.603 gallons  
 (3 Well Volumes = 22.80 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:55 5-19-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:15	7	7	21.9	6644	6.87	202	2.55
10:30	7	14	21.7	6636	7.09		
10:50	9	23	21.6	6610	7.23		

Actual Purge Volume 28 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 11:05 5-19-22 Purged/Sampled By A.N

Sample Method Pump

Requested Analyses \_\_\_\_\_

Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 833-10 Date Gauged 5-19-22  
 Site Big Sky Time Gauged 11:20  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 22.65 feet Height of Fluid Column 14.95 feet  
 Total Depth 37.60 feet Volume In Well 9.867 gallons  
 (3 Well Volumes = 29.60 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:25 5-19-22 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:43	10	10	20.2	4543	8.03	176	2.66
11:20	10	20	19.4	4368	7.74		
12:25	10	30	19.7	4355	7.40		
12:27	25	30.25	19.8	4340	7.32		

Actual Purge Volume 35 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 12:41 5-19-22 Purged/Sampled By A.W  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 86/340-01 Date Gauged 5-5-22  
 Site Bright Star Time Gauged 8:51

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 59.22 feet Height of Fluid Column 11.53 feet  
 Total Depth 70.75 feet Volume in Well 7.609 gallons

(3 Well Volumes = 22.82 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:18 5-5-22 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:31	7	7	20.5	3072	6.87	139	2.31
9:41	7	14	20.0	3078	7.03		
9:55	9	23	19.7	3065	7.17		

Actual Purge Volume 29 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 10:15 5-5-22 Purged/Sampled By A.N

Sample Method Pump

Requested Analyses \_\_\_\_\_

Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 70/86/340-01 Date Gauged 5-5-22  
 Site Bright Star Time Gauged 10:55  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 52.67 feet Height of Fluid Column 15.15 feet  
 Total Depth 67.82 feet Volume in Well 9.999 gallons  
 (3 Well Volumes = 29.99 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:05 5-5-22 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:20	10	10	20.6	9015	7.17	156	2.90
11:31	10	20	20.5	8845	7.24		
11:42	10	30	20.4	8781	7.19		

Actual Purge Volume 35 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 11:48 5-5-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft



MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 340-01 Date Gauged 5-5-22  
 Site Bright Star Time Gauged 12:05  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 44.86 feet Height of Fluid Column 3.32 feet  
 Total Depth 48.18 feet Volume in Well 2.191 gallons  
 (3 Well Volumes = 6.57 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:12 5-5-22 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:20	2	2	23.1	4436	7.81	157	2.84
12:30	2	4	22.8	4415	7.66		
12:42	3	7	22.0	4496	7.40		

Actual Purge Volume 12 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 12:57 5-5-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_

Comments/Observations low water flow coming from pump. Boreled out rest of water after 4 gals.

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 340-02 Date Gauged 5-5-22  
 Site Bright Star Time Gauged 13:56  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 56.09 feet Height of Fluid Column 0.81 feet  
 Total Depth 56.90 feet Volume in Well 0.534 gallons  
 (3 Well Volumes = 1.60 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:05 5-5-22 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:15	.50	.50	25.4	4774	7.97	100	2.73
14:22	<.50	<.50	26.2	4814	7.80		
14:29	<.50	<.50	27.8	4860	7.47		

Actual Purge Volume <1.00 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 14:48 5-5-22 Purged/Sampled By A.N  
 Sample Method Bail

Requested Analyses \_\_\_\_\_

Comments/Observations Very low water flow, well bailed out dry at .75 gals. Left bailer inside well for couple of mins to get water for samples.

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft



MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 74-01 Date Gauged 5-13-22  
 Site Buena Vista II Time Gauged 13:00  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 37.48 feet Height of Fluid Column 7.70 feet  
 Total Depth 45.18 feet Volume in Well 5.082 gallons  
 (3 Well Volumes = 15.24 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:18 5-13-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:30	5	5	23.1	4895	7.90	156	2.80
13:41	5	10	22.8	4681	7.81		
13:53	6	16	22.9	4551	7.52		
13:55	.25	16.25	22.7	4548	7.43		

Actual Purge Volume 20 gals Field Measurements stabilized within ± 10% y  
 Time/Date Sampled 14:05 5-13-22 Purged/Sampled By AN  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 74-02 Date Gauged 5-13-22  
 Site Buena Vista II Time Gauged 11:00  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 18.09 feet Height of Fluid Column 2.16 feet  
 Total Depth 20.25 feet Volume in Well 1.425 gallons  
 (3 Well Volumes = 4.27 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:05 5-13-22 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:11	1.50	1.50	21.1	3818	7.60	132	2.92
11:17	1.50	3	21.2	3808	7.51		
11:22	1.50	4.50	21.0	3781	7.43		
11:24	.25	4.75	21.5	3766	7.38		

Actual Purge Volume 6.50 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 11:45 5-13-22 Purged/Sampled By A.N.  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 74-03 Date Gauged 5-13-22  
 Site Buena Vista II Time Gauged 10:20  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 17.58 feet Height of Fluid Column 2.66 feet  
 Total Depth 20.24 feet Volume in Well 1.755 gallons  
 (3 Well Volumes = 5.26 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:23 5-13-22 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:34	2	2	21.4	2083	7.69	196	1.53
10:40	2	4	21.3	2076	7.56		
10:46	2	6	21.2	2064	7.33		

Actual Purge Volume 8.25 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:53 5-13-22 Purged/Sampled By AN  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 74-04 Date Gauged 5-16-22  
 Site Buena Vista II Time Gauged 9:55  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 49.70 feet Height of Fluid Column 8.16 feet  
 Total Depth 57.86 feet Volume in Well 5.385 gallons  
 (3 Well Volumes = 16.15 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:08 5-16-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:21	5	5	22.2	3047	7.14	221	2.29
10:31	5	10	22.3	3173	7.22		
10:48	7	17	21.9	3433	7.18		

Actual Purge Volume 20 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:52 5-16-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 74-05 Date Gauged 5-16-22  
 Site Buena Vista II Time Gauged 11:06  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 42.38 feet Height of Fluid Column 14.74 feet  
 Total Depth 57.12 feet Volume in Well 9.728 gallons  
 (3 Well Volumes = 29.18 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:11 5-16-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:27	10	10	23.6	3492	7.82	249	2.64
11:39	10	20	23.8	3465	7.78		
11:52	10	30	23.7	3515	7.70		
	.25	30.25	23.9	3491	7.58		

Actual Purge Volume 35 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 12:03 5-16-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft



# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID DAD-01 Date Gauged 5-24-22  
 Site DAD'S Time Gauged 9:36

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 74.13 feet Height of Fluid Column 2.12 feet  
 Total Depth 76.25 feet Volume in Well 0.360 gallons

(3 Well Volumes = 1.08 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 9:42 5-24-22 Purged Method Bail

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:48	.50	.50	24.2	2320	7.02	203	1.71
9:54	.50	1	24.1	2352	7.10		
9:57	.25	1.25	24.3	2507	7.24		

Actual Purge Volume 2.25 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:15 5-24-22 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-02 Date Gauged 5-25-22  
 Site DAD's Time Gauged 14:25

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 67.35 feet Height of Fluid Column 0.79 feet  
 Total Depth 68.14 feet Volume in Well 0.134 gallons

(3 Well Volumes = 0.40 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:30 5-25-22 Purged Method Bail

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:32	.25	.25	25.1	2131	8.02	146	157
14:36	.25	.50	24.7	2010	7.87		
14:40	.25	.75	24.5	2040	7.60		

Actual Purge Volume 1.50 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 14:56 5-25-22 Purged/Sampled By A-N

Sample Method Bail

Requested Analyses \_\_\_\_\_

Comments/Observations Took awhile to get access to well. it was covered by a big pile of dirt.

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-03 Date Gauged 5-26-22  
 Site DAD's Time Gauged 9:13

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 14.46 feet Height of Fluid Column 4.38 feet  
 Total Depth 18.84 feet Volume In Well 0.744 gallons  
 (3 Well Volumes = 2.23 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:18 5-26-22 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:25	1	1	20.2	2604	7.06	194	1.96
9:32	1	2	20.3	2625	7.15		
9:41	1	3	20.2	2658	7.24		

Actual Purge Volume 6 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 9:58 5-26-22 Purged/Sampled By AN

Sample Method Bail

Requested Analyses \_\_\_\_\_

Comments/Observations \_\_\_\_\_

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-04 Date Gauged 5-26-22  
 Site DAD'S Time Gauged 12:44

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 17.19 feet Height of Fluid Column 1.39 feet  
 Total Depth 18.58 feet Volume in Well 0.236 gallons

(3 Well Volumes = 0.70 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:50 5-26-22 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:56	.25	.25	20.3	1955	7.71	187	1.42
13:05	.25	.50	19.6	1944	7.64		
13:12	.25	.75	19.4	1935	7.36		

Actual Purge Volume 1.75 gals Field Measurements stabilized within ± 10% y

Time/Date Sampled 13:31 5-26-22 Purged/Sampled By A.N

Sample Method Bail

Requested Analyses \_\_\_\_\_

Comments/Observations \_\_\_\_\_

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-05 Date Gauged 5-31-22  
 Site DAD's Time Gauged 10:45  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 15.76 feet Height of Fluid Column 7.32 feet  
 Total Depth 23.08 feet Volume in Well 1.244 gallons  
 (3 Well Volumes = 3.73 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:51 5-31-22 Purged Method Bail

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:58	1	1	20.9	2168	7.18	31	1.62
11:07	1	2	18.5	2266	7.06		
11:21	2	4	18.2	2294	7.22		

Actual Purge Volume 9 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 11:45 5-31-22 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-06 Date Gauged 5-27-22  
Site DAD's Time Gauged 11:35  
Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
Depth to Water Dry feet Height of Fluid Column \_\_\_\_\_ feet  
Total Depth 83.18 feet Volume in Well \_\_\_\_\_ gallons  
(3 Well Volumes = \_\_\_\_\_ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 5/27/22 Purged Method Ø

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)

Actual Purge Volume Ø gals Field Measurements stabilized within ± 10% Ø  
Time/Date Sampled Ø Purged/Sampled By Ø  
Sample Method Ø  
Requested Analyses \_\_\_\_\_  
Comments/Observations Dry well

Well Casing Volumes  
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-07 Date Gauged 6-1-22  
 Site DAD'S Time Gauged 10:55

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 92.60 feet Height of Fluid Column 8.03 feet  
 Total Depth 100.63 feet Volume in Well 1.365 gallons  
 (3 Well Volumes = 4.09 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:00 6-1-22 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:11	1.50	1.50	24.8	2745	7.20	184	2.05
11:23	1.50	3	24.6	2993	7.33		
11:34	1.25	4.25	24.5	2976	7.22		

Actual Purge Volume 9 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 11:56 6-1-22 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

## MONITOR WELL DEVELOPMENT FIELD FORM

### FLUID LEVEL DATA

Well ID DAD-08 Date Gauged 5-31-22  
 Site DAD'S Time Gauged 14:20

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 52.72 feet Height of Fluid Column 2.95 feet  
 Total Depth 55.67 feet Volume in Well 0.501 gallons  
 (3 Well Volumes = 1.50 gallons)

### GROUNDWATER SAMPLING DATA

Time/date Purged 14:25 5-31-22 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:30	.50	.50	23.5	7279	7.86	116	2.97
14:35	.50	1	22.5	7177	7.63		
14:45	1	2	22.4	7138	7.50		
14:47	.25	2.25	22.5	7122	7.41		

Actual Purge Volume 3.50 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 15:05 5-31-22 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft



MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-09 Date Gauged 6-1-22  
 Site DAD'S Time Gauged 13:56

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 55.35 feet Height of Fluid Column 5.87 feet  
 Total Depth 61.22 feet Volume in Well 0.997 gallons  
 (3 Well Volumes = 2.99 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:03 6-1-22 Purged Method Bail

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:17	1	1	26.1	3085	7.74	211	2.30
14:22	1	2	24.4	3023	7.38		
14:32	2	4	24.1	3058	7.20		

Actual Purge Volume 6 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 14:55 6-1-22 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

## MONITOR WELL DEVELOPMENT FIELD FORM

### FLUID LEVEL DATA

Well ID DAD-10 Date Gauged 6-2-22  
 Site DAD'S Time Gauged 13:55

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 84.04 feet Height of Fluid Column 9.76 feet  
 Total Depth 93.80 feet Volume in Well 1.659 gallons  
 (3 Well Volumes = 4.97 gallons)

### GROUNDWATER SAMPLING DATA

Time/date Purged 14:05 6-2-22 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:18	2	2	22.6	2176	7.68	198	1.59
14:30	2	4	21.8	2165	7.57		
14:40	1.25	5.25	21.9	2154	7.43		

Actual Purge Volume 9 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 14:55 6-2-22 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

## MONITOR WELL DEVELOPMENT FIELD FORM

### FLUID LEVEL DATA

Well ID DAD-4 Date Gauged 5-25-22  
 Site DAD's Time Gauged 9:19

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 23.11 feet Height of Fluid Column 24.34 feet  
 Total Depth 47.45 feet Volume in Well 16.064 gallons  
 (3 Well Volumes = 48.19 gallons)

### GROUNDWATER SAMPLING DATA

Time/date Purged 9:31 5-25-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:56	16	16	21.3	4748	6.88	208	2.87
10:30	16	32	21.0	4319	7.09		
11:00	16.25	48.25	21.1	4306	7.20		

Actual Purge Volume 55 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 11:35 5-25-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-12 Date Gauged 5-24-22  
 Site DAD'S Time Gauged 10:39

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 52.88 feet Height of Fluid Column 29.32 feet  
 Total Depth 82.20 feet Volume in Well 4.984 gallons

(3 Well Volumes = 14.95 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:47 5-24-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>11:02</u>	<u>5</u>	<u>5</u>	<u>23.0</u>	<u>4896</u>	<u>7.01</u>	<u>252</u>	<u>2.48</u>
<u>11:18</u>	<u>5</u>	<u>10</u>	<u>22.3</u>	<u>4931</u>	<u>7.19</u>		
<u>11:30</u>	<u>5</u>	<u>15</u>	<u>22.0</u>	<u>4961</u>	<u>7.25</u>		

Actual Purge Volume 20 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 11:41 5-24-22 Purged/Sampled By A.N

Sample Method Pump

Requested Analyses \_\_\_\_\_

Comments/Observations \_\_\_\_\_

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-13 Date Gauged 5-24-22  
 Site DAD13 Time Gauged 14:08

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 87.53 feet Height of Fluid Column 5.22 feet  
 Total Depth 92.75 feet Volume in Well 0.887 gallons

(3 Well Volumes = 2.66 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:13 5-24-22 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:21	1	1	24.5	3631	8.02	168	2.75
14:29	1	2	23.8	3643	7.66		
14:37	1	3	23.7	3656	7.31		

Actual Purge Volume 5.5 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 14:48 5-24-22 Purged/Sampled By A.N

Sample Method Bail

Requested Analyses \_\_\_\_\_

Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID DAD-014 Date Gauged 5-24-22  
 Site DAD'S Time Gauged 12:55

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 30.81 feet Height of Fluid Column 11.74 feet  
 Total Depth 42.55 feet Volume in Well 1.995 gallons  
 (3 Well Volumes = 5.98 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 13:00 5-24-22 Purged Method Bail

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:15	2	2	22.3	4321	7.72	168	2.33
13:25	2	4	21.7	4242	7.63		
13:35	2	6	21.6	4215	7.40		
13:37	-25	6.25	21.6	4185	7.33		

Actual Purge Volume 9.25 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 13:50 5-24-22 Purged/Sampled By AN  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-15 Date Gauged 5-26-22  
 Site DAD's Time Gauged 10:23

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 96.36 feet Height of Fluid Column 13.54 feet  
 Total Depth 109.90 feet Volume in Well 2.301 gallons

(3 Well Volumes = 6.90 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:33 5-26-22 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:50	2	2	23.8	3304	7.34	194	2.49
11:15	2	4	24.5	3742	7.17		
11:38	3	7	24.6	3920	7.28		

Actual Purge Volume 10 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 11:58 5-26-22 Purged/Sampled By A.N

Sample Method Bail

Requested Analyses \_\_\_\_\_

Comments/Observations \_\_\_\_\_

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-16 Date Gauged 5-26-22  
 Site DAD's Time Gauged 14:09

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 19.40 feet Height of Fluid Column 13.30 feet  
 Total Depth 32.70 feet Volume in Well 2.261 gallons  
 (3 Well Volumes = 6.78 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:15 5-26-22 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:27	2	2	19.6	3446	7.90	175	2.59
14:39	2	4	19.0	3457	7.73		
15:00	3	7	19.3	3430	7.42		
15:03	.25	7.25	19.5	3466	7.33		

Actual Purge Volume 10 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 15:20 5-26-22 Purged/Sampled By A-N

Sample Method Bail

Requested Analyses \_\_\_\_\_

Comments/Observations \_\_\_\_\_

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft



MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-17 Date Gauged 5-31-22  
 Site DAD's Time Gauged 9:20

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 20.84 feet Height of Fluid Column 18.01 feet  
 Total Depth 38.85 feet Volume in Well 3.061 gallons  
 (3 Well Volumes = 9.18 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:25 5-31-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:38	3	3	20.3	1461	7.02	172	1.05
9:48	3	6	20.5	1489	7.15		
10:02	4	10	20.5	1450	7.25		

Actual Purge Volume 14 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:20 5-31-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-18 Date Gauged 5-31-22  
 Site DAD's Time Gauged 13:05  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 24.16 feet Height of Fluid Column 32.99 feet  
 Total Depth 57.15 feet Volume in Well 5.608 gallons  
 (3 Well Volumes = 16.82 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:12 5-31-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:27	5	5	19.5	3950	7.72	84	2.39
13:39	5	10	18.6	3941	7.43		
13:58	7	17	18.5	3973	7.28		

Actual Purge Volume 21 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 14:08 5-31-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID DAD-19 Date Gauged 5-27-22  
 Site DAD'S Time Gauged 13:35

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 64.57 feet Height of Fluid Column 34.76 feet  
 Total Depth 99.33 feet Volume in Well 5.909 gallons  
 (3 Well Volumes = 17.72 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 13:40 5-27-22 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:55	6	6	24.8	4582	7.45	203	1.55
14:07	6	12	23.7	4622	7.32		
14:24	6	18	23.1	4655	7.24		

Actual Purge Volume 24 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 14:40 5-27-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations slow water flow coming from pump.

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD 20 Date Gauged 6-2-22  
 Site DAD'S Time Gauged 11:50

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 56.78 feet Height of Fluid Column 12.10 feet  
 Total Depth 68.88 feet Volume in Well 2.057 gallons  
 (3 Well Volumes = 6.17 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:56 6-2-22 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:09	2	2	23.4	4343	7.61	207	1.55
12:21	2	4	23.9	4246	7.42		
12:36	2.50	6.50	23.3	4104	7.28		

Actual Purge Volume 11 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 12:50 6-2-22 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-21 Date Gauged 6-1-22  
 Site DAD'S Time Gauged 12:50  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 55.66 feet Height of Fluid Column 10.83 feet  
 Total Depth 66.49 feet Volume in Well 1.841 gallons  
 (3 Well Volumes = 5.52 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:55 6-1-22 Purged Method Bail

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:08	2	2	23.4	4364	7.57	170	2.35
13:20	2	4	23.1	4371	7.36		
13:30	2	6	23.3	4350	7.18		

Actual Purge Volume 11 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 13:45 6-1-22 Purged/Sampled By A.W  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-22 Date Gauged 6-2-22  
 Site DAD'S Time Gauged 9:12

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 46.69 feet Height of Fluid Column 3.36 feet  
 Total Depth 50.05 feet Volume in Well 0.571 gallons  
 (3 Well Volumes = 1.71 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:20 6-2-22 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:25	.50	.50	23.4	3721	6.89	193	2.84
9:30	<.50	<.50	23.3	3710	7.03		
9:41	<.50	<.50	23.2	3692	7.17		

Actual Purge Volume <1.50 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:21 6-2-22 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations Very low water flow, left bailer inside well for minutes to get water for sample.

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 ga/ft

# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID DAD-23 Date Gauged 5-25-22  
 Site DAD's Time Gauged 11:55

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 45.27 feet Height of Fluid Column 12.43 feet  
 Total Depth 57.70 feet Volume in Well 2.113 gallons

(3 Well Volumes = 6.33 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 12:05 5-25-22 Purged Method Bail

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:15	2	2	23.2	2411	7.85	188	1.79
12:27	2	4	23.1	3251	7.49		
12:40	3	7	23.2	3473	7.30		

Actual Purge Volume 10 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 12:52 5-25-22 Purged/Sampled By A.N

Sample Method Bail

Requested Analyses \_\_\_\_\_

Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-24 Date Gauged 5-27-22  
 Site DADLS Time Gauged 10:15

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 67.75 feet Height of Fluid Column 62.79 feet  
 Total Depth 130.54 feet Volume in Well 10.674 gallons

(3 Well Volumes = 32.02 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:21 5-27-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:52	10	10	24.6	4108	7.72	167	1.36
11:15	10	20	23.9	4301	7.58		
11:55	13	33	24.5	4135	7.29		

Actual Purge Volume 37 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 12:25 5-27-22 Purged/Sampled By A.N

Sample Method Pump

Requested Analyses \_\_\_\_\_

Comments/Observations Very slow water flow with pump.

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft



MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-25 Date Gauged 6-1-22  
 Site DAD's Time Gauged 8:50

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 66.71 feet Height of Fluid Column 10.48 feet  
 Total Depth 77.19 feet Volume in Well 1.781 gallons  
 (3 Well Volumes = 5.34 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 8:56 6-1-22 Purged Method Bail

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:12	2	2	22.6	2329	6.97	190	1.72
9:32	2	4	22.4	2272	7.13		
9:54	2	6	22.4	2251	7.25		

Actual Purge Volume 10 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:38 6-1-22 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations low water flow after 3 gals.

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-26 Date Gauged 6-2-22  
 Site DAD'S Time Gauged 10:37  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 49.77 feet Height of Fluid Column 12.77 feet  
 Total Depth 62.54 feet Volume in Well 2.170 gallons  
 (3 Well Volumes = 6.51 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:44 6-2-22 Purged Method Barl

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:56	2	2	23.6	2997	7.01	205	2.24
11:07	2	4	23.2	2872	7.15		
11:23	3	7	23.3	3000	7.24		

Actual Purge Volume 11 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 11:35 6-2-22 Purged/Sampled By A.N  
 Sample Method Barl  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 692-02 Date Gauged 5-20-22  
 Site Del Oro Time Gauged 10:30  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 58.44 feet Height of Fluid Column 7.71 feet  
 Total Depth 66.15 feet Volume in Well 5.088 gallons  
 (3 Well Volumes = 15.26 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:35 5-20-22 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:47	5	5	24.3	1817	8.08	186	1.31
10:55	5	10	24.0	1806	7.91		
11:04	6	16	23.9	1793	7.78		
11:06	.25	16.25	23.7	1785	7.66		

Actual Purge Volume 21 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 11:25 5-20-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 692-04 Date Gauged 5-20-22  
 Site Del Oro Dairy Time Gauged 11:38  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 60.00 feet Height of Fluid Column 0.55 feet  
 Total Depth 60.55 feet Volume in Well 0.363 gallons  
 (3 Well Volumes = 1.08 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:44 5-20-22 Purged Method Bail

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:48	<1	<1	24.3	4269	7.47	198	2.00
11:52	<1	<1	23.8	4150	7.36		
11:56	<1	<1	23.2	4133	7.30		

Actual Purge Volume <1 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 12:30 5-20-22 Purged/Sampled By A.N

Sample Method Bail

Requested Analyses \_\_\_\_\_

Comments/Observations Very low water flow, bailed dry, left bailer inside well to collect water for sample.

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 692-05 Date Gauged 5-20-22  
 Site Del Oro Dairy Time Gauged 14:48

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 81.62 feet Height of Fluid Column 5.84 feet  
 Total Depth 87.46 feet Volume in Well 3.854 gallons

(3 Well Volumes = 11.56 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:53 5-20-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
15:06	4	4	24.9	2448	7.82	237	1.82
15:15	4	8	24.5	2477	7.63		
15:24	4	12	24.6	2453	7.38		

Actual Purge Volume 16 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 15:40 5-20-22 Purged/Sampled By AN

Sample Method Pump

Requested Analyses \_\_\_\_\_

Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 692-06 Date Gauged 5-23-22  
 Site Del Oro Dairy Time Gauged 9:21  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 83.55 feet Height of Fluid Column 6.65 feet  
 Total Depth 90.20 feet Volume in Well 4.389 gallons  
 (3 Well Volumes = 13.16 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:29 5-23-22 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:43	4	4	22.3	2308	6.96	185	1.71
9:59	4	8	22.2	2285	7.12		
10:18	5	14	22.4	2276	7.22		

Actual Purge Volume 19 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:28 5-23-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 692-07 Date Gauged 5-23-22  
 Site Del Oro Dairy Time Gauged 10:50  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 75.58 feet Height of Fluid Column 2.03 feet  
 Total Depth 77.61 feet Volume in Well 1.339 gallons  
 (3 Well Volumes = 4.01 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:56 5-23-22 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:06	1.50	1.50	22.6	2527	7.83	169	1.88
11:19	1.50	3	22.2	2520	7.41		
11:30	1.25	4.25	22.1	2505	7.26		

Actual Purge Volume 6.5 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 11:50 5-23-22 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations low water flow

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

## MONITOR WELL DEVELOPMENT FIELD FORM

### FLUID LEVEL DATA

Well ID 692-08 Date Gauged 5-23-22  
 Site Del Oro Dairy Time Gauged 13:15  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 69.00 feet Height of Fluid Column 8.11 feet  
 Total Depth 77.11 feet Volume in Well 5.352 gallons  
 (3 Well Volumes = 16.05 gallons)

### GROUNDWATER SAMPLING DATA

Time/date Purged 13:21 5-23-22 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:36	5	5	25.2	2179	7.17	277	1.60
13:59	5	5	29.9	2223	7.60		
14:30	7	17	30.8	2249	7.34		
14:35	.25	17.25	31.1	2242	7.27		

Actual Purge Volume 21 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 15:15 5-23-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations Very slow water flow

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft



MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 69209 Date Gauged 5-20-22  
 Site Del Oro Dairy Time Gauged 13:20  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 84.82 feet Height of Fluid Column 6.23 feet  
 Total Depth 91.05 feet Volume in Well 4.111 gallons  
 (3 Well Volumes = 12.33 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:25 5/20/22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:38	4	4	25.9	2406	8.02	180	1.78
13:49	4	8	25.4	2265	7.83		
14:08	5	13	26.6	2276	7.60		
14:10	.25	13.25	26.5	2264	7.51		

Actual Purge Volume 17 gals Field Measurements stabilized within ± 10% y  
 Time/Date Sampled 14:30 5-20-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID 624-11 Date Gauged 5-12-22  
 Site Dominquez 1 Time Gauged 8:50

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 54.60 feet Height of Fluid Column 14.24 feet  
 Total Depth 68.84 feet Volume in Well 2.420 gallons  
 (3 Well Volumes = 7.26 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 9:18 5-12-22 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:25	2	2	21.9	5283	6.87	193	1.74
9:30	3	5	21.7	5192	7.07		
9:44	3	8	21.1	5246	7.19		

Actual Purge Volume 12 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 9:52 5-12-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

### Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 624-01 Date Gauged 5-12-22  
 Site Dominica 21 Time Gauged 10:08  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 28.77 feet Height of Fluid Column 17.98 feet  
 Total Depth 46.75 feet Volume in Well 11.866 gallons  
 (3 Well Volumes = 35.60 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:17 5-12-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:38	12	12	21.3	4048	7.96	217	1.35
10:55	12	24	21.4	4068	7.78		
11:10	12	36	21.2	4132	7.51		
11:11	.25	36.25	21.2	4117	7.41		

Actual Purge Volume 40 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 11:20 5-12-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 624-02 Date Gauged 5-12-22  
 Site Dominguez 1 Time Gauged 11:45  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 20.51 feet Height of Fluid Column 16.84 feet  
 Total Depth 37.35 feet Volume in Well 11.14 gallons  
 (3 Well Volumes = 33.34 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:52 5-12-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:08	11	11	20.8	5127	7.41	202	2.40
12:24	11	22	20.6	5090	7.33		
12:40	12	34	20.2	5122	7.48		
12:41	.25	34.25	20.3	5113	7.40		

Actual Purge Volume 38 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 12:55 5-12-22 Purged/Sampled By A.V  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 624-10 Date Gauged 5-12-22  
 Site Dominguez I Time Gauged 13:50

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 22.86 feet Height of Fluid Column 14.43 feet  
 Total Depth 37.29 feet Volume in Well 2.453 gallons  
 (3 Well Volumes = 7.35 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:55 5-12-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:05	2	2	20.4	3562	8.14	152	2.70
14:12	3	5	20.1	3631	8.00		
14:18	3	8	19.8	3592	7.86		
14:20	25	8.25	19.6	3577	7.69		

Actual Purge Volume 12 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 14:44 5-12-22 Purged/Sampled By A.W.

Sample Method Pump

Requested Analyses \_\_\_\_\_

Comments/Observations \_\_\_\_\_

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID 624-09 Date Gauged 5-13-20  
 Site Dominique 1 Time Gauged 9:15  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 22.67 feet Height of Fluid Column 10.03 feet  
 Total Depth 32.70 feet Volume in Well 1.705 gallons  
 (3 Well Volumes = 5.11 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 9:21 5-13-22 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:30	1.50	1.50	20.6	2954	7.02	197	2.22
9:34	1.50	3	20.7	2764	7.17		
9:40	2.25	5.25	20.5	2744	7.25		

Actual Purge Volume 9.25 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 9:56 5-13-22 Purged/Sampled By AW  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

Tap Water Sampling Data Sheet  
 (for single-port sampling or pre-filter only)

Well ID: LRG-00590-S-6 Sample ID: \_\_\_\_\_ Sample Time: 9:42

Well owner/location/residence: Dominguez Dairy 1

Street address: \_\_\_\_\_

Filtration system? (circle one) Y N Sampling personnel: Angel N. Rivera

Start purge time: 9:09 Weather: Sunny

End purge time: \_\_\_\_\_ Purge Rate (gal/min): \_\_\_\_\_

Sample collected at (circle as appropriate): Wellhead tap  In-line  House tap

Field Parameters:

	Time: <u>9:25</u>	<u>9:30</u>	<u>9:35</u>	Within	Circle One:
Specific Conductance:	<u>3264</u>	<u>3257</u>	<u>3250</u>	10%	<input type="checkbox"/> $\mu\text{s/cm}$ <input type="checkbox"/> $\text{ms/cm}$
pH:	<u>6.71</u>	<u>6.99</u>	<u>7.09</u>	+/- 0.5	
Temperature:	<u>27.3</u>	<u>27.0</u>	<u>26.8</u>	+/- 1 C	<input type="checkbox"/> °F <input type="checkbox"/> °C
ORP:	<u>130</u>	<u>141</u>	<u>145</u>		<input type="checkbox"/> mV

Notes/Comments: Sample collected at end of pipe, water comes out

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Well Configuration

Recorded By: Angel N. Rivera

Tap Water Sampling Data Sheet  
 (for single-port sampling or pre-filter only)

Well ID: LRG-591-S-2 Sample ID: \_\_\_\_\_ Sample Time: 12:30 pm

Well owner/location/residence: Dominguez Dairy 1

Street address: \_\_\_\_\_

Filtration system? (circle one) Y  Sampling personnel: Angel N. Rivera

Start purge time: N/A Weather: 160'

End purge time: N/A Purge Rate (gal/min): \_\_\_\_\_

Sample collected at (circle as appropriate): Wellhead tap  In-line  House tap

Field Parameters:

Time:	Within	Circle One:
Specific Conductance:	10%	$\mu\text{s/cm}$ $\text{ms/cm}$
pH:	+/- 0.5	
Temperature:	+/- 1 C	$^{\circ}\text{F}$ $^{\circ}\text{C}$
ORP:		mV

Notes/Comments: Collected sample from Top of tank by using bailer and poly Rope. Valve not getting any water out.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Well Configuration

Recorded By: Chaluk





# Chain-of-Custody Record

Client:

EA Engineering, Science, and Technology

Mailing Address:

320 Gold Ave SW Suite

Phone #: 505-715-4279

email or Fax#: rmullen@eaest.com

QA/QC Package:

Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance

NELAC  Other

EDD (Type)

Turn-Around Time:

Standard  Rush

Project Name:

Dominguez Dairy 2

Project #:

Project Manager:

Gina Mullen

Sampler: Angel Nieto Rivera

On Ice:  Yes  No

# of Coolers:

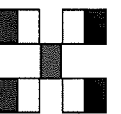
Cooler Temp (including CF):

Container Type and #	Preservative Type	HEAL No.
2		
2		
2		
2		
2		

Date	Time	Matrix	Sample Name
5-11	11:15	Gw	42-09
5-11	12:50	Gw	42-08
5-11	13:40	Gw	42-11
5-11	14:36	Gw	42-12
5-11	15:32	Gw	42-10

Date	Time	Received by:	Via:	Date	Time
5-11	16:50	Relinquished by: <i>Paul Carr</i>			
		Received by:			
		Received by:			

Remarks:	Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur
	X	X	X	X			
	X	X	X	X			
	X	X	X	X			
	X	X	X	X			
	X	X	X	X			



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 42-03 Date Gauged 5-10-22  
 Site Dominquez 2 Time Gauged 9:51  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 86.21 feet Height of Fluid Column 10.92 feet  
 Total Depth 97.18 feet Volume in Well 7.207 gallons  
 (3 Well Volumes = 21.62 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:57 5-10-22 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:15	7	7	25.7	5186	6.95	178	2.46
10:26	7	14	25.1	5166	7.12		
10:39	8	22	25.9	5123	7.28		

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:50 5-10-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 42-13 Date Gauged 5-10-22  
 Site Dominquez 2 Time Gauged 11:18  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 59.26 feet Height of Fluid Column 8.28 feet  
 Total Depth 67.54 feet Volume in Well 5.464 gallons  
 (3 Well Volumes = 16.39 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:22 5-10-22 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:40	5	5	27.9	5251	7.07	150	2.78
12:07	5	10	26.6	5279	7.17		
12:26	7	17	27.0	5340	7.22		

Actual Purge Volume 20 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 12:38 5-10-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations Very slow flow on water.

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 42-06 Date Gauged 5-10-22  
 Site Dominquez 2 Time Gauged 13:15  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 35.29 feet Height of Fluid Column 6.22 feet  
 Total Depth 41.51 feet Volume in Well 4.105 gallons  
 (3 Well Volumes = 12.31 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:21 5-10-22 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:30	5	5	22.6	4688	7.98	138	2.11
13:39	5	10	22.9	4754	7.80		
13:46	5	15	22.1	4810	7.50		
13:48	.25	15.25	22.2	4799	7.43		

Actual Purge Volume 18 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 14:00 5-10-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 42-02 Date Gauged 5-11-22  
 Site Dominquez 2 Time Gauged 9:11  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 28.98 feet Height of Fluid Column 36.32 feet  
 Total Depth 65.30 feet Volume in Well 23.971 gallons  
 (3 Well Volumes = 71.91 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:15 5-11-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:48	25	25	20.5	3973	6.88	185	2.69
10:29	25	50	21.9	4019	7.20		
10:58	22	72	21.1	3990	7.31		

Actual Purge Volume 78 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 11:15 5-11-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

## MONITOR WELL DEVELOPMENT FIELD FORM

### FLUID LEVEL DATA

Well ID 42-08 Date Gauged 5-11-22  
 Site Dominquez 2 Time Gauged 11:30

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 29.98 feet Height of Fluid Column 5.09 feet  
 Total Depth 35.07 feet Volume in Well 3.359 gallons

(3 Well Volumes = 10.07 gallons)

### GROUNDWATER SAMPLING DATA

Time/date Purged 11:31 5-11-22 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:47	3	3	21.5	2707	7.75	181	2.00
12:09	3	6	21.1	2816	7.50		
12:28	4.25	10.25	21.3	2823	7.31		

Actual Purge Volume 15 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 12:50 5-11-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations Slow water flow

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID 42-11 Date Gauged 5-11-22  
 Site Dominique 2 Time Gauged 13:05

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 127.93 feet Height of Fluid Column 5.51 feet  
 Total Depth 133.44 feet Volume in Well 3.636 gallons

(3 Well Volumes = 10.90 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 13:10 5-11-22 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:18	4	4	29.5	2260	7.92	251	1.66
13:24	4	8	31.3	2324	7.71		
13:32	3	11	31.4	2336	7.50		
13:33	.25	11.25	31.2	2340	7.36		

Actual Purge Volume 15 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 13:40 5-11-22 Purged/Sampled By A-N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

### Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft



MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 42-12 Date Gauged 5-11-22  
 Site Dominguez 2 Time Gauged 13:55  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 134.31 feet Height of Fluid Column 5.15 feet  
 Total Depth 139.46 feet Volume in Well 3.399 gallons  
 (3 Well Volumes = 10.19 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:03 5-11-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:11	3	3	27.1	1815	7.90	154	1.31
14:18	3	6	29.6	1801	7.72		
14:25	4.25	10.25	31.0	1822	7.56		

Actual Purge Volume 14 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 14:36 5-11-22 Purged/Sampled By A.W  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 42-10 Date Gauged 5-11-22  
 Site Dominguez 2 Time Gauged 14:51  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 117.17 feet Height of Fluid Column 6.42 feet  
 Total Depth 123.59 feet Volume in Well 4.237 gallons  
 (3 Well Volumes = 12.71 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:56 5-11-22 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
15:05	4	4	27.3	2588	7.92	148	1.91
15:12	4	8	28.0	2610	7.70		
15:19	5	13	27.9	2622	7.55		
15:20	25	13.25	27.8	2607	7.43		

Actual Purge Volume 17 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 15:32 5-11-22 Purged/Sampled By A.V  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 70-03 Date Gauged 5-9-22  
 Site Mountain View Time Gauged 8:58

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 59.08 feet Height of Fluid Column 2.47 feet  
 Total Depth 61.55 feet Volume in Well 1.630 gallons  
 (3 Well Volumes = 4.89 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:08 5-9-22 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:15	1.50	1.50	22.0	6676	6.75	149	2.35
9:21	1.50	3	21.7	6690	7.00		
9:32	2	5	22.1	6729	7.19		

Actual Purge Volume 9 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 9:48 5-9-22 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 70-01 Date Gauged 5-9-22  
 Site Mountain View Time Gauged 10:10  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 38.54 feet Height of Fluid Column 7.11 feet  
 Total Depth 45.65 feet Volume in Well 4.692 gallons  
 (3 Well Volumes = 14.07 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:18 5-9-22 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:26	5	5	23.7	4870	7.35	147	2.81
10:37	5	10	23.0	4902	7.20		
10:48	5	15	22.9	4923	7.29		

Actual Purge Volume 20 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:59 5-9-22 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 7002 Date Gauged 5-9-22  
 Site Mountain View Time Gauged 11:10  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 48.65 feet Height of Fluid Column 1.05 feet  
 Total Depth 49.70 feet Volume in Well 0.693 gallons  
 (3 Well Volumes = 2.07 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:20 5-9-22 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:28	.50	.50	23.7	4798	7.46	102	2.01
11:34	.50	1	23.2	4722	7.62		
11:50	1.25	2.25	23.4	4738	7.51		

Actual Purge Volume 3.25 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 12:28 5-9-22 Purged/Sampled By Ain  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations Low water flow

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 70-04 Date Gauged 5-9-22  
 Site Mountain View Time Gauged 13:27  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 36.73 feet Height of Fluid Column 10.99 feet  
 Total Depth 47.72 feet Volume in Well 1.868 gallons  
 (3 Well Volumes = 5.60 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:32 5-9-22 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:45	2	2	23.5	4387	8.10	100	2.33
13:56	2	4	23.2	4441	7.86		
14:17	2	6	23.4	4428	7.58		

Actual Purge Volume 9 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 14:38 5-9-22 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

## Organ Dairy Mesquite, NM

### Field Parameters and Sample Results for Monitoring wells 2<sup>nd</sup> Quarter 2022

Well ID	Sampling Date	Depth to water (ft)	TDS (mg/L)	Cl (mg/L)	TKN (mg/L)	NO3 (mg/L)	SO4 (mg/L)	EC (μS/cm)	pH	Temp (°C)	DO (mg/L)	ORP (mv)
MW 126-04	05/05/2022	37.41	3130.00	750.00	<5.0	25.00	680.00	5230.00	7.16	22.60	3.4	190
MW 126-05	05/05/2022	28.20	3220.00	660.00	1.30	9.00	720.00	NA	NA	NA	NA	NA
MW 126-07	05/05/2022	37.84	3470.00	790.00	<5.0	21.00	820.00	5820.00	7.02	23.00	3.1	230
MW 126-09	05/05/2022	80.91	924.00	190.00	<1.0	1.40	130.00	NA	NA	NA	NA	NA
MW 126-12	05/05/2022	24.26	2120.00	360.00	<1.0	3.80	510.00	3620.00	7.33	21.70	1.6	185
MW 126-13	05/05/2022	44.54	3330.00	700.00	<2.0	14.00	830.00	5570.00	7.13	21.90	1.9	171
LRG-458S	05/05/2022	NA	480.00	67.00	<1.0	<1.0	89.00	784.00	7.80	42.20	2.2	40

NA- Insufficient recharge to collect field parameters.

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 257-01 Date Gauged 5-19-22  
 Site Sunset Dairy Time Gauged 14:21  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 22.47 feet Height of Fluid Column 3.38 feet  
 Total Depth 25.85 feet Volume in Well 0.574 gallons  
 (3 Well Volumes = 1.72 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:26 5-19-22 Purged Method Bail

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:31	.50	.50	21.5	5596	7.42	259	1.97
14:35	.50	1	20.6	5559	7.33		
14:40	.75	1.75	20.3	5520	7.20		

Actual Purge Volume 2.50 gals Field Measurements stabilized within ± 10%   
 Time/Date Sampled 15:00 5-19-22 Purged/Sampled By AN  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft



MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 257-02 Date Gauged 5-19-22  
 Site Sunset Dairy Time Gauged 13:48  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 19.05 feet Height of Fluid Column 3.75 feet  
 Total Depth 20.80 feet Volume in Well 0.637 gallons  
 (3 Well Volumes = 1.91 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:53 5-19-22 Purged Method Bail

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:55	.75	.75	23.9	4133	8.00	150	2.18
13:59	.50	1.25	22.3	4179	7.78		
14:02	.75	2	22.0	4192	7.55		
14:05	.25	2.25	19.8	4233	7.50		

Actual Purge Volume 3.75 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 14:12 5-19-22 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

## MONITOR WELL DEVELOPMENT FIELD FORM

### FLUID LEVEL DATA

Well ID 257-03 Date Gauged 5-19-22  
 Site Sunset Dairy Time Gauged 13:30  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 13.91 feet Height of Fluid Column 2.17 feet  
 Total Depth 16.08 feet Volume in Well 0.368 gallons  
 (3 Well Volumes = 1.10 gallons)

### GROUNDWATER SAMPLING DATA

Time/date Purged Ø 5-19-22 Purged Method Ø

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)

Actual Purge Volume Ø gals Field Measurements stabilized within ± 10% Ø  
 Time/Date Sampled Ø Ø Purged/Sampled By Ø  
 Sample Method Ø  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations Bail will not get any water. No sample or purged vol's

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

## MONITOR WELL DEVELOPMENT FIELD FORM

### FLUID LEVEL DATA

Well ID MW-4 Date Gauged 5-20-22  
 Site Sunset Dairy Time Gauged 9:19  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 32.75 feet Height of Fluid Column 7.16 feet  
 Total Depth 39.91 feet Volume in Well 1.217 gallons  
 (3 Well Volumes = 3.65 gallons)

### GROUNDWATER SAMPLING DATA

Time/date Purged 9:24 5-20-22 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:35	1	1	22.0	6446	6.83	196	2.05
9:41	1	2	21.9	6420	7.09		
9:52	2	4	22.0	6393	7.18		

Actual Purge Volume 7 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:08 5-20-22 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

Well Casing Volumes  
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

## **APPENDIX B**

### **ANALYTICAL LABORATORY REPORTS**

**(Provided in Electronic Format via CD Located on Front Cover of Report)**



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 07, 2022

Regina Mullen  
EA Engineering  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX

RE: Del Oro Dairy

OrderNo.: 2205A38

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 3 sample(s) on 5/24/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205A38

Date Reported: 6/7/2022

**CLIENT:** EA Engineering

**Client Sample ID:** 692-06

**Project:** Del Oro Dairy

**Collection Date:** 5/23/2022 10:28:00 AM

**Lab ID:** 2205A38-001

**Matrix:** GROUNDWA

**Received Date:** 5/24/2022 9:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	420	50	*	mg/L	100	5/24/2022 12:58:49 PM	R88243
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/24/2022 12:20:13 PM	R88243
Nitrogen, Nitrate (As N)	3.9	1.0		mg/L	10	5/24/2022 12:20:13 PM	R88243
Sulfate	210	5.0		mg/L	10	5/24/2022 12:20:13 PM	R88243
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>JMT</b>
Total Dissolved Solids	1420	20.0	*	mg/L	1	5/27/2022 1:57:00 PM	67715
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	6/1/2022 1:30:00 PM	67757

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205A38

Date Reported: 6/7/2022

**CLIENT:** EA Engineering

**Client Sample ID:** 692-07

**Project:** Del Oro Dairy

**Collection Date:** 5/23/2022 11:50:00 AM

**Lab ID:** 2205A38-002

**Matrix:** GROUNDWA

**Received Date:** 5/24/2022 9:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	570	50	*	mg/L	100	5/24/2022 1:24:32 PM	R88243
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/24/2022 1:11:41 PM	R88243
Nitrogen, Nitrate (As N)	3.6	1.0		mg/L	10	5/24/2022 1:11:41 PM	R88243
Sulfate	230	5.0		mg/L	10	5/24/2022 1:11:41 PM	R88243
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>JMT</b>
Total Dissolved Solids	1670	100	*D	mg/L	1	5/27/2022 1:57:00 PM	67715
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	6/1/2022 1:30:00 PM	67757

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205A38

Date Reported: 6/7/2022

**CLIENT:** EA Engineering

**Client Sample ID:** 692-08

**Project:** Del Oro Dairy

**Collection Date:** 5/23/2022 3:15:00 PM

**Lab ID:** 2205A38-003

**Matrix:** GROUNDWA

**Received Date:** 5/24/2022 9:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	400	50	*	mg/L	100	5/24/2022 3:07:30 PM	R88243
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/24/2022 2:54:37 PM	R88243
Nitrogen, Nitrate (As N)	6.2	1.0		mg/L	10	5/24/2022 2:54:37 PM	R88243
Sulfate	210	5.0		mg/L	10	5/24/2022 2:54:37 PM	R88243
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>JMT</b>
Total Dissolved Solids	1380	20.0	*	mg/L	1	5/27/2022 1:57:00 PM	67715
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	6/1/2022 1:30:00 PM	67757

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		



# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205A38

07-Jun-22

**Client:** EA Engineering  
**Project:** Del Oro Dairy

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88243</b>	RunNo: <b>88243</b>								
Prep Date:	Analysis Date: <b>5/24/2022</b>	SeqNo: <b>3129369</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID: <b>LCS</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88243</b>	RunNo: <b>88243</b>								
Prep Date:	Analysis Date: <b>5/24/2022</b>	SeqNo: <b>3129370</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	94.0	90	110			
Nitrogen, Nitrite (As N)	0.99	0.10	1.000	0	99.4	90	110			
Nitrogen, Nitrate (As N)	2.6	0.10	2.500	0	103	90	110			
Sulfate	10	0.50	10.00	0	101	90	110			

Sample ID: <b>2205A38-001AMS</b>	SampType: <b>ms</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>692-06</b>	Batch ID: <b>R88243</b>	RunNo: <b>88243</b>								
Prep Date:	Analysis Date: <b>5/24/2022</b>	SeqNo: <b>3129372</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	9.7	1.0	10.00	0	97.0	83.4	105			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205A38

07-Jun-22

**Client:** EA Engineering  
**Project:** Del Oro Dairy

Sample ID: <b>MB-67715</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67715</b>	RunNo: <b>88335</b>								
Prep Date: <b>5/26/2022</b>	Analysis Date: <b>5/27/2022</b>	SeqNo: <b>3133065</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67715</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67715</b>	RunNo: <b>88335</b>								
Prep Date: <b>5/26/2022</b>	Analysis Date: <b>5/27/2022</b>	SeqNo: <b>3133066</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1040	20.0	1000	0	104	80	120			

Sample ID: <b>2205A38-001ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>692-06</b>	Batch ID: <b>67715</b>	RunNo: <b>88335</b>								
Prep Date: <b>5/26/2022</b>	Analysis Date: <b>5/27/2022</b>	SeqNo: <b>3133085</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1420	20.0						0.423	10	*

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205A38

07-Jun-22

**Client:** EA Engineering  
**Project:** Del Oro Dairy

Sample ID: <b>MB-67757</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67757</b>	RunNo: <b>88393</b>								
Prep Date: <b>5/27/2022</b>	Analysis Date: <b>6/1/2022</b>	SeqNo: <b>3135944</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67757</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67757</b>	RunNo: <b>88393</b>								
Prep Date: <b>5/27/2022</b>	Analysis Date: <b>6/1/2022</b>	SeqNo: <b>3135945</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.7	1.0	10.00	0	96.6	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

**Sample Log-In Check List**

Client Name: EA Engineering

Work Order Number: 2205A38

RcptNo: 1

Received By: Juan Rojas

5/24/2022 9:25:00 AM

*Juan Rojas*

Completed By: Sean Livingston

5/24/2022 9:33:05 AM

*Sean Livingston*

Reviewed By: *S-24-22*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present
2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA
4. Were all samples received at a temperature of >0° C to 6.0° C Yes  No  NA
5. Sample(s) in proper container(s)? Yes  No   
Samples not frozen.
6. Sufficient sample volume for indicated test(s)? Yes  No
7. Are samples (except VOA and ONG) properly preserved? Yes  No
8. Was preservative added to bottles? Yes  No  NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
10. Were any sample containers received broken? Yes  No
11. Does paperwork match bottle labels? Yes  No   
(Note discrepancies on chain of custody)
12. Are matrices correctly identified on Chain of Custody? Yes  No
13. Is it clear what analyses were requested? Yes  No
14. Were all holding times able to be met? Yes  No   
(If no, notify customer for authorization.)

# of preserved bottles checked for pH: 3  
 (<2 or >12 unless noted)  
 Adjusted? NO  
 Checked by: JRS/24/22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	_____	Date:	_____
By Whom:	_____	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	_____		
Client Instructions:	_____		

16. Additional remarks:

**Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	-1.7	Good				





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 07, 2022

Regina Mullen  
EA Engineering  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX

RE: Dona Ana Dairies

OrderNo.: 2205B14

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 4 sample(s) on 5/25/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205B14

Date Reported: 6/7/2022

**CLIENT:** EA Engineering

**Client Sample ID:** DAD-01

**Project:** Dona Ana Dairies

**Collection Date:** 5/24/2022 10:15:00 AM

**Lab ID:** 2205B14-001

**Matrix:** AQUEOUS

**Received Date:** 5/25/2022 9:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>CAS</b>
Chloride	370	50	*	mg/L	100	5/25/2022 9:17:24 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/25/2022 9:04:32 PM
Nitrogen, Nitrate (As N)	16	1.0	*	mg/L	10	5/25/2022 9:04:32 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>JMT</b>
Total Dissolved Solids	1530	40.0	*D	mg/L	1	6/1/2022 1:21:00 PM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	2.0	D	mg/L	1	6/3/2022 9:50:00 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205B14

Date Reported: 6/7/2022

**CLIENT:** EA Engineering

**Client Sample ID:** DAD-12

**Project:** Dona Ana Dairies

**Collection Date:** 5/24/2022 11:41:00 AM

**Lab ID:** 2205B14-002

**Matrix:** AQUEOUS

**Received Date:** 5/25/2022 9:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>CAS</b>
Chloride	900	50	*	mg/L	100	5/25/2022 10:08:52 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/25/2022 9:56:00 PM
Nitrogen, Nitrate (As N)	11	1.0	*	mg/L	10	5/25/2022 9:56:00 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>JMT</b>
Total Dissolved Solids	3230	20.0	*	mg/L	1	6/1/2022 1:21:00 PM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	2.0	D	mg/L	1	6/3/2022 9:50:00 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		



# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205B14

Date Reported: 6/7/2022

**CLIENT:** EA Engineering

**Client Sample ID:** DAD-14

**Project:** Dona Ana Dairies

**Collection Date:** 5/24/2022 1:50:00 PM

**Lab ID:** 2205B14-003

**Matrix:** AQUEOUS

**Received Date:** 5/25/2022 9:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>CAS</b>
Chloride	610	50	*	mg/L	100	5/25/2022 10:34:36 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/25/2022 10:21:44 PM
Nitrogen, Nitrate (As N)	18	1.0	*	mg/L	10	5/25/2022 10:21:44 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>JMT</b>
Total Dissolved Solids	2750	20.0	*	mg/L	1	6/1/2022 1:21:00 PM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	2.0	D	mg/L	1	6/3/2022 9:50:00 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
 D Sample Diluted Due to Matrix  
 H Holding times for preparation or analysis exceeded  
 ND Not Detected at the Reporting Limit  
 PQL Practical Quantitative Limit  
 S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank  
 E Estimated value  
 J Analyte detected below quantitation limits  
 P Sample pH Not In Range  
 RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205B14

Date Reported: 6/7/2022

**CLIENT:** EA Engineering

**Client Sample ID:** DAD-13

**Project:** Dona Ana Dairies

**Collection Date:** 5/24/2022 2:48:00 PM

**Lab ID:** 2205B14-004

**Matrix:** AQUEOUS

**Received Date:** 5/25/2022 9:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>CAS</b>
Chloride	580	50	*	mg/L	100	5/25/2022 11:00:21 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/25/2022 10:47:29 PM
Nitrogen, Nitrate (As N)	13	1.0	*	mg/L	10	5/25/2022 10:47:29 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>JMT</b>
Total Dissolved Solids	2250	40.0	*D	mg/L	1	6/1/2022 1:21:00 PM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	2.0	D	mg/L	1	6/3/2022 9:50:00 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205B14

07-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88277</b>	RunNo: <b>88277</b>								
Prep Date:	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3130500</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								

Sample ID: <b>LCS</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88277</b>	RunNo: <b>88277</b>								
Prep Date:	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3130501</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.8	0.50	5.000	0	96.0	90	110			
Nitrogen, Nitrite (As N)	1.0	0.10	1.000	0	99.6	90	110			
Nitrogen, Nitrate (As N)	2.6	0.10	2.500	0	104	90	110			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205B14

07-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies

Sample ID: <b>MB-67756</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67756</b>	RunNo: <b>88394</b>								
Prep Date: <b>5/27/2022</b>	Analysis Date: <b>6/1/2022</b>	SeqNo: <b>3135964</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67756</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67756</b>	RunNo: <b>88394</b>								
Prep Date: <b>5/27/2022</b>	Analysis Date: <b>6/1/2022</b>	SeqNo: <b>3135965</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1020	20.0	1000	0	102	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205B14

07-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies

Sample ID: <b>MB-67851</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67851</b>	RunNo: <b>88450</b>								
Prep Date: <b>6/2/2022</b>	Analysis Date: <b>6/3/2022</b>	SeqNo: <b>3138114</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67851</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67851</b>	RunNo: <b>88450</b>								
Prep Date: <b>6/2/2022</b>	Analysis Date: <b>6/3/2022</b>	SeqNo: <b>3138115</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.7	1.0	10.00	0	96.6	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

**Sample Log-In Check List**

Client Name: EA Engineering

Work Order Number: 2205B14

RcptNo: 1

Received By: Tracy Casarrubias 5/25/2022 9:10:00 AM

Completed By: Tracy Casarrubias 5/25/2022 10:25:08 AM

Reviewed By: *Cmc* *Stash*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present   
 2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA   
 4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA   
 5. Sample(s) in proper container(s)? Yes  No   
 6. Sufficient sample volume for indicated test(s)? Yes  No   
 7. Are samples (except VOA and ONG) properly preserved? Yes  No   
 8. Was preservative added to bottles? Yes  No  NA   
 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA   
 10. Were any sample containers received broken? Yes  No   
 11. Does paperwork match bottle labels? Yes  No   
 (Note discrepancies on chain of custody)  
 12. Are matrices correctly identified on Chain of Custody? Yes  No   
 13. Is it clear what analyses were requested? Yes  No   
 14. Were all holding times able to be met? Yes  No   
 (If no, notify customer for authorization.)

# of preserved bottles checked for pH: 4  
 (<2 or >12 unless noted)  
 Adjusted? NO  
 Checked by: KPG 5.25.22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.8	Good	Not Present			

# Chain-of-Custody Record

Client: \_\_\_\_\_  
 EA Engineering, Science, and Technology  
 Mailing Address: \_\_\_\_\_  
 320 Gold Ave SW Suite \_\_\_\_\_  
 Phone #: 505-715-4279  
 email or Fax#: rmullen@eaest.com  
 QA/QC Package: \_\_\_\_\_  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other \_\_\_\_\_  
 EDD (Type) \_\_\_\_\_

Turn-Around Time: \_\_\_\_\_  
 Standard  Rush  
 Project Name: \_\_\_\_\_  
 Dona Ana Dairies (DAD'S)  
 Project #: \_\_\_\_\_



# HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107

## Analysis Request

Analysis Request	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur
Nitrate/Nitrites EPA Method 300	X	X	X			
	X	X	X			
	X	X	X			
	X	X	X			

Project Manager: Gina Mullen  
 Sampler: Angel Nieto Rivera  
 On Ice:  Yes  No  
 # of Coolers: 1  
 Cooler Temp (including CF): 1.8-2 = 1.0  
 Container Type and # | Preservative Type | HEAL No.  
 2 | | 2205B14  
 2 | | 001  
 2 | | 002  
 2 | | 003  
 2 | | 004

Date: 5-24 10:15  
 Relinquished by: *[Signature]*  
 Date: 5-24 16:50  
 Relinquished by: *[Signature]*  
 Received by: *[Signature]* Date: 9/10 Date: 5/25/22  
 Via: Fed Ex  
 Received by: *[Signature]* Date: \_\_\_\_\_ Date: \_\_\_\_\_  
 Via: \_\_\_\_\_

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 13, 2022

Regina Mullen  
EA Engineering  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX:

RE: Dona Ana Dairies

OrderNo.: 2205C07

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 3 sample(s) on 5/26/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109



**Hall Environmental Analysis Laboratory, Inc.****CLIENT:** EA Engineering**Client Sample ID:** DAD-11**Project:** Dona Ana Dairies**Collection Date:** 5/25/2022 11:35:00 AM**Lab ID:** 2205C07-001**Matrix:** GROUNDWA**Received Date:** 5/26/2022 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>CAS</b>
Chloride	680	50	*	mg/L	100	5/27/2022 2:32:54 AM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/27/2022 2:20:29 AM
Nitrogen, Nitrate (As N)	12	1.0	*	mg/L	10	5/27/2022 2:20:29 AM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>JMT</b>
Total Dissolved Solids	2830	20.0	*	mg/L	1	6/2/2022 5:16:00 PM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	2.0	D	mg/L	1	6/7/2022 1:39:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Hall Environmental Analysis Laboratory, Inc.****CLIENT:** EA Engineering**Client Sample ID:** DAD-23**Project:** Dona Ana Dairies**Collection Date:** 5/25/2022 12:52:00 PM**Lab ID:** 2205C07-002**Matrix:** GROUNDWA**Received Date:** 5/26/2022 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>CAS</b>
Chloride	400	50	*	mg/L	100	5/27/2022 2:57:43 AM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/27/2022 2:45:18 AM
Nitrogen, Nitrate (As N)	19	1.0	*	mg/L	10	5/27/2022 2:45:18 AM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>JMT</b>
Total Dissolved Solids	1700	20.0	*	mg/L	1	6/2/2022 5:16:00 PM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	2.0	D	mg/L	1	6/7/2022 1:39:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Hall Environmental Analysis Laboratory, Inc.****CLIENT:** EA Engineering**Client Sample ID:** DAD-02**Project:** Dona Ana Dairies**Collection Date:** 5/25/2022 2:56:00 PM**Lab ID:** 2205C07-003**Matrix:** GROUNDWA**Received Date:** 5/26/2022 9:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>CAS</b>
Chloride	310	50	*	mg/L	100	5/27/2022 3:22:32 AM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/27/2022 3:10:07 AM
Nitrogen, Nitrate (As N)	9.5	1.0		mg/L	10	5/27/2022 3:10:07 AM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>JMT</b>
Total Dissolved Solids	1280	20.0	*	mg/L	1	6/2/2022 5:16:00 PM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	6/7/2022 1:39:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205C07

13-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>A88326</b>	RunNo: <b>88326</b>								
Prep Date:	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3132647</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								

Sample ID: <b>LCS</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>A88326</b>	RunNo: <b>88326</b>								
Prep Date:	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3132648</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.6	0.50	5.000	0	91.4	90	110			
Nitrogen, Nitrite (As N)	0.99	0.10	1.000	0	98.6	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	98.9	90	110			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205C07

13-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies

Sample ID: <b>MB-67834</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67834</b>	RunNo: <b>88436</b>								
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/2/2022</b>	SeqNo: <b>3137481</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67834</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67834</b>	RunNo: <b>88436</b>								
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/2/2022</b>	SeqNo: <b>3137482</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1020	20.0	1000	0	102	80	120			

Sample ID: <b>2205C07-001ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>DAD-11</b>	Batch ID: <b>67834</b>	RunNo: <b>88436</b>								
Prep Date: <b>6/1/2022</b>	Analysis Date: <b>6/2/2022</b>	SeqNo: <b>3137484</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	2820	20.0						0.212	10	*

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205C07

13-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies

Sample ID: <b>MB-67909</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67909</b>	RunNo: <b>88544</b>								
Prep Date: <b>6/6/2022</b>	Analysis Date: <b>6/7/2022</b>	SeqNo: <b>3141944</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67909</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67909</b>	RunNo: <b>88544</b>								
Prep Date: <b>6/6/2022</b>	Analysis Date: <b>6/7/2022</b>	SeqNo: <b>3141945</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.9	1.0	10.00	0	99.4	80	120			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

**Sample Log-In Check List**

Client Name: EA Engineering

Work Order Number: 2205C07

RcptNo: 1

Received By: Joseph Alderette 5/26/2022 9:20:00 AM  
 Completed By: Desiree Dominguez 5/26/2022 11:03:44 AM  
 Reviewed By: *CME* *SRG*

*JA*  
*DD*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present   
 2. How was the sample delivered? UPS

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA   
 4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA   
 5. Sample(s) in proper container(s)? Yes  No   
 6. Sufficient sample volume for indicated test(s)? Yes  No   
 7. Are samples (except VOA and ONG) properly preserved? Yes  No   
 8. Was preservative added to bottles? Yes  No  NA   
 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA   
 10. Were any sample containers received broken? Yes  No   
 11. Does paperwork match bottle labels? Yes  No   
 (Note discrepancies on chain of custody)  
 12. Are matrices correctly identified on Chain of Custody? Yes  No   
 13. Is it clear what analyses were requested? Yes  No   
 14. Were all holding times able to be met? Yes  No   
 (If no, notify customer for authorization.)

# of preserved bottles checked for pH: 3  
 (≤ or >12 unless noted)  
 Adjusted? NO  
 Checked by: *[Signature]* 5-26-22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.1	Good				







Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 08, 2022

Regina Mullen  
EA Engineering  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX:

RE: Dona Ana Dairies

OrderNo.: 2205C59

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 4 sample(s) on 5/27/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report  
 Lab Order 2205C59  
 Date Reported: 6/8/2022

**CLIENT:** EA Engineering  
**Project:** Dona Ana Dairies  
**Lab ID:** 2205C59-001

**Matrix:** AQUEOUS

**Client Sample ID:** DAD-03  
**Collection Date:** 5/26/2022 9:58:00 AM  
**Received Date:** 5/27/2022 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JTT</b>
Chloride	330	50	*	mg/L	100	5/27/2022 5:44:30 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/27/2022 5:32:09 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	5/27/2022 5:32:09 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>KS</b>
Total Dissolved Solids	2330	200	*D	mg/L	1	6/3/2022 3:55:00 PM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	2.0	D	mg/L	1	6/7/2022 1:39:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference

- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205C59

Date Reported: 6/8/2022

**CLIENT:** EA Engineering

**Client Sample ID:** DAD-15

**Project:** Dona Ana Dairies

**Collection Date:** 5/26/2022 11:58:00 AM

**Lab ID:** 2205C59-002

**Matrix:** AQUEOUS

**Received Date:** 5/27/2022 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JTT</b>
Chloride	770	50	*	mg/L	100	5/27/2022 6:33:54 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/27/2022 5:56:52 PM
Nitrogen, Nitrate (As N)	20	1.0	*	mg/L	10	5/27/2022 5:56:52 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>KS</b>
Total Dissolved Solids	2510	40.0	*D	mg/L	1	6/3/2022 3:55:00 PM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	6/7/2022 1:39:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205C59

Date Reported: 6/8/2022

**CLIENT:** EA Engineering

**Client Sample ID:** DAD-04

**Project:** Dona Ana Dairies

**Collection Date:** 5/26/2022 1:31:00 PM

**Lab ID:** 2205C59-003

**Matrix:** AQUEOUS

**Received Date:** 5/27/2022 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JTT</b>
Chloride	150	5.0		mg/L	10	5/27/2022 7:10:56 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/27/2022 7:10:56 PM
Nitrogen, Nitrate (As N)	1.1	1.0		mg/L	10	5/27/2022 7:10:56 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>KS</b>
Total Dissolved Solids	1340	100	*D	mg/L	1	6/3/2022 3:55:00 PM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	1.3	1.0		mg/L	1	6/7/2022 1:39:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Estimated value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix interference	

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205C59

Date Reported: 6/8/2022

**CLIENT:** EA Engineering

**Client Sample ID:** DAD-16

**Project:** Dona Ana Dairies

**Collection Date:** 5/26/2022 3:20:00 PM

**Lab ID:** 2205C59-004

**Matrix:** AQUEOUS

**Received Date:** 5/27/2022 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JTT</b>
Chloride	530	50	*	mg/L	100	5/27/2022 7:47:57 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/27/2022 7:35:37 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	5/27/2022 7:35:37 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>KS</b>
Total Dissolved Solids	2180	40.0	*D	mg/L	1	6/3/2022 3:55:00 PM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	6/7/2022 1:39:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
 D Sample Diluted Due to Matrix  
 H Holding times for preparation or analysis exceeded  
 ND Not Detected at the Reporting Limit  
 PQL Practical Quantitative Limit  
 S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank  
 E Estimated value  
 J Analyte detected below quantitation limits  
 P Sample pH Not In Range  
 RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205C59

08-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88372</b>	RunNo: <b>88372</b>								
Prep Date:	Analysis Date: <b>5/27/2022</b>	SeqNo: <b>3134627</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								

Sample ID: <b>LCS</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88372</b>	RunNo: <b>88372</b>								
Prep Date:	Analysis Date: <b>5/27/2022</b>	SeqNo: <b>3134628</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.6	0.50	5.000	0	91.5	90	110			
Nitrogen, Nitrite (As N)	0.96	0.10	1.000	0	96.1	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	100	90	110			

Sample ID: <b>2205C59-002AMS</b>	SampType: <b>ms</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>DAD-15</b>	Batch ID: <b>R88372</b>	RunNo: <b>88372</b>								
Prep Date:	Analysis Date: <b>5/27/2022</b>	SeqNo: <b>3134657</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	9.4	1.0	10.00	0	94.2	83.4	105			
Nitrogen, Nitrate (As N)	47	1.0	25.00	19.92	107	93.5	110			

Sample ID: <b>2205C59-002AMSD</b>	SampType: <b>msd</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>DAD-15</b>	Batch ID: <b>R88372</b>	RunNo: <b>88372</b>								
Prep Date:	Analysis Date: <b>5/27/2022</b>	SeqNo: <b>3134658</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	9.4	1.0	10.00	0	93.7	83.4	105	0.447	20	
Nitrogen, Nitrate (As N)	47	1.0	25.00	19.92	106	93.5	110	0.493	20	

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205C59

08-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies

Sample ID: <b>MB-67853</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67853</b>	RunNo: <b>88464</b>								
Prep Date: <b>6/2/2022</b>	Analysis Date: <b>6/3/2022</b>	SeqNo: <b>3138618</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67853</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67853</b>	RunNo: <b>88464</b>								
Prep Date: <b>6/2/2022</b>	Analysis Date: <b>6/3/2022</b>	SeqNo: <b>3138619</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1060	20.0	1000	0	106	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205C59

08-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies

Sample ID: <b>MB-67909</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67909</b>	RunNo: <b>88544</b>								
Prep Date: <b>6/6/2022</b>	Analysis Date: <b>6/7/2022</b>	SeqNo: <b>3141944</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67909</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67909</b>	RunNo: <b>88544</b>								
Prep Date: <b>6/6/2022</b>	Analysis Date: <b>6/7/2022</b>	SeqNo: <b>3141945</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.9	1.0	10.00	0	99.4	80	120			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		



**Sample Log-In Check List**

Client Name: EA Engineering

Work Order Number: 2205C59

RcptNo: 1

Received By: Juan Rojas

5/27/2022 9:00:00 AM

*Juan Rojas*

Completed By: Tracy Casarrubias

5/27/2022 9:28:24 AM

Reviewed By: *JTC 5-27-22*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present   
 2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA   
 4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA   
 5. Sample(s) in proper container(s)? Yes  No   
 6. Sufficient sample volume for indicated test(s)? Yes  No   
 7. Are samples (except VOA and ONG) properly preserved? Yes  No   
 8. Was preservative added to bottles? Yes  No  NA   
 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA   
 10. Were any sample containers received broken? Yes  No   
 11. Does paperwork match bottle labels? Yes  No   
 (Note discrepancies on chain of custody)  
 12. Are matrices correctly identified on Chain of Custody? Yes  No   
 13. Is it clear what analyses were requested? Yes  No   
 14. Were all holding times able to be met? Yes  No   
 (If no, notify customer for authorization.)

# of preserved bottles checked for pH: (1)  
 (<2 or >12 unless noted)  
 Adjusted? no  
 Checked by: Uma Sillve

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.6	Good	Not Present			

# Chain-of-Custody Record

Client: \_\_\_\_\_  
 EA Engineering, Science, and Technology  
 Mailing Address: \_\_\_\_\_  
 320 Gold Ave SW Suite \_\_\_\_\_  
 Phone #: 505-715-4279  
 email or Fax#: [rmullen@eaest.com](mailto:rmullen@eaest.com)

QA/QC Package:  Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other \_\_\_\_\_  
 EDD (Type) \_\_\_\_\_

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
5-26	9:58	Gw	DAD-03	2		2205C59
5-26	11:58	Gw	DAD-15	2		001
5-26	13:31	Gw	DAD-04	2		002
5-26	15:20	Gw	DAD-16	2		003
						004

Date: 5-26 Time: 16:50 Relinquished by: *[Signature]*  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_ Relinquished by: \_\_\_\_\_

Turn-Around Time: \_\_\_\_\_  
 Standard  Rush  
 Project Name: \_\_\_\_\_  
 Dona Ana Dairies (DAD'S)  
 Project #: \_\_\_\_\_

Project Manager: Gina Mullen  
 Sampler: Angel Nieto Rivera  
 On Ice:  Yes  No  
 # of Coolers: 1  
 Cooler Temp (including CF): 0.5 to 1 = 0.6

Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur
X	X	X	X			
X	X	X	X			
X	X	X	X			
X	X	X	X			

Received by: *[Signature]* Date: 5/27/22 Time: 9:00  
 Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Analysis Request

Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur
X	X	X	X			
X	X	X	X			
X	X	X	X			
X	X	X	X			

Remarks: \_\_\_\_\_

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

August 12, 2022

Regina Mullen

EA Engineering Alb  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX:

RE: Dominguez Dairy 1

OrderNo.: 2205D15

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/28/2022 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued June 13, 2022.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205D15

Date Reported: 8/12/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** LRG-00590-S-6

**Project:** Dominguez Dairy 1

**Collection Date:** 5/27/2022 9:42:00 AM

**Lab ID:** 2205D15-001

**Matrix:** AQUEOUS

**Received Date:** 5/28/2022 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JTT</b>
Chloride	570	50	*	mg/L	100	5/31/2022 11:30:13 PM	R88379
Nitrate+Nitrite as N	6.0	1.0		mg/L	5	6/1/2022 2:17:36 AM	R88379
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	6/10/2022 10:03:00 AM	68011

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2205D15

12-Aug-22

Client: EA Engineering Alb

Project: Dominguez Dairy 1

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88379</b>	RunNo: <b>88379</b>								
Prep Date:	Analysis Date: <b>5/31/2022</b>	SeqNo: <b>3135285</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrate+Nitrite as N	ND	0.20								

Sample ID: <b>LCS</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88379</b>	RunNo: <b>88379</b>								
Prep Date:	Analysis Date: <b>5/31/2022</b>	SeqNo: <b>3135286</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.8	0.50	5.000	0	95.7	90	110			
Nitrate+Nitrite as N	3.6	0.20	3.500	0	103	90	110			

## Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205D15

12-Aug-22

**Client:** EA Engineering Alb

**Project:** Dominguez Dairy 1

Sample ID: <b>MB-68011</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>68011</b>	RunNo: <b>88637</b>								
Prep Date: <b>6/9/2022</b>	Analysis Date: <b>6/10/2022</b>	SeqNo: <b>3146202</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-68011</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>68011</b>	RunNo: <b>88637</b>								
Prep Date: <b>6/9/2022</b>	Analysis Date: <b>6/10/2022</b>	SeqNo: <b>3146203</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.9	1.0	10.00	0	99.4	80	120			

Sample ID: <b>2205D15-001AMS</b>	SampType: <b>MS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LRG-00590-S-6</b>	Batch ID: <b>68011</b>	RunNo: <b>88637</b>								
Prep Date: <b>6/9/2022</b>	Analysis Date: <b>6/10/2022</b>	SeqNo: <b>3146205</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	10	1.0	10.00	0	101	75	125			

Sample ID: <b>2205D15-001AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LRG-00590-S-6</b>	Batch ID: <b>68011</b>	RunNo: <b>88637</b>								
Prep Date: <b>6/9/2022</b>	Analysis Date: <b>6/10/2022</b>	SeqNo: <b>3146206</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	10	1.0	10.00	0	101	75	125	0	20	

### Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Estimated value
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Limit
S % Recovery outside of range due to dilution or matrix interference	

**Sample Log-In Check List**

Client Name: EA Engineering

Work Order Number: 2205D15

RcptNo: 1

Received By: Cheyenne Cason

5/28/2022 10:30:00 AM

*CC*

Completed By: Cheyenne Cason

5/31/2022 8:05:08 AM

*CC*

Reviewed By: *WPG*

*5.31.22*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present
2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA
4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
5. Sample(s) in proper container(s)? Yes  No
6. Sufficient sample volume for indicated test(s)? Yes  No
7. Are samples (except VOA and ONG) properly preserved? Yes  No
8. Was preservative added to bottles? Yes  No  NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
10. Were any sample containers received broken? Yes  No
11. Does paperwork match bottle labels?  
 (Note discrepancies on chain of custody) Yes  No
12. Are matrices correctly identified on Chain of Custody? Yes  No
13. Is it clear what analyses were requested? Yes  No
14. Were all holding times able to be met?  
 (If no, notify customer for authorization.) Yes  No

# of preserved bottles checked for pH: 1  
 (<2 or >12 unless noted)  
 Adjusted? NO  
 Checked by: DAD 5.31.22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.7	Good	Not Present			







Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 14, 2022

Regina Mullen  
EA Engineering  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX:

RE: Dona Ana Dairies

OrderNo.: 2205D16

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 2 sample(s) on 5/28/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205D16

Date Reported: 6/14/2022

**CLIENT:** EA Engineering

**Client Sample ID:** DAD-24

**Project:** Dona Ana Dairies

**Collection Date:** 5/27/2022 12:25:00 PM

**Lab ID:** 2205D16-001

**Matrix:** AQUEOUS

**Received Date:** 5/28/2022 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JTT</b>
Chloride	1000	50	*	mg/L	100	5/31/2022 11:55:59 PM
Nitrate+Nitrite as N	5.9	1.0		mg/L	5	6/1/2022 2:30:28 AM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>KS</b>
Total Dissolved Solids	2610	20.0	*	mg/L	1	6/7/2022 11:48:00 AM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	6/8/2022 1:46:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference

- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205D16

Date Reported: 6/14/2022

**CLIENT:** EA Engineering

**Client Sample ID:** DAD-19

**Project:** Dona Ana Dairies

**Collection Date:** 5/27/2022 2:40:00 PM

**Lab ID:** 2205D16-002

**Matrix:** AQUEOUS

**Received Date:** 5/28/2022 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JTT</b>
Chloride	1000	50	*	mg/L	100	6/1/2022 12:21:43 AM
Nitrate+Nitrite as N	34	1.0	*	mg/L	5	6/1/2022 2:43:20 AM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>KS</b>
Total Dissolved Solids	2960	20.0	*	mg/L	1	6/7/2022 11:48:00 AM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	6/8/2022 1:46:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference

- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205D16

14-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88379</b>	RunNo: <b>88379</b>								
Prep Date:	Analysis Date: <b>5/31/2022</b>	SeqNo: <b>3135285</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrate+Nitrite as N	ND	0.20								

Sample ID: <b>LCS</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88379</b>	RunNo: <b>88379</b>								
Prep Date:	Analysis Date: <b>5/31/2022</b>	SeqNo: <b>3135286</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.8	0.50	5.000	0	95.7	90	110			
Nitrate+Nitrite as N	3.6	0.20	3.500	0	103	90	110			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205D16

14-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies

Sample ID: <b>MB-67855</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67855</b>	RunNo: <b>88527</b>								
Prep Date: <b>6/3/2022</b>	Analysis Date: <b>6/7/2022</b>	SeqNo: <b>3141465</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67855</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67855</b>	RunNo: <b>88527</b>								
Prep Date: <b>6/3/2022</b>	Analysis Date: <b>6/7/2022</b>	SeqNo: <b>3141466</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1050	20.0	1000	0	105	80	120			

Sample ID: <b>2205D16-001ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>DAD-24</b>	Batch ID: <b>67855</b>	RunNo: <b>88527</b>								
Prep Date: <b>6/3/2022</b>	Analysis Date: <b>6/7/2022</b>	SeqNo: <b>3141470</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	2620	20.0						0.382	10	*

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205D16

14-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies

Sample ID: <b>MB-67981</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67981</b>	RunNo: <b>88575</b>								
Prep Date: <b>6/8/2022</b>	Analysis Date: <b>6/8/2022</b>	SeqNo: <b>3143574</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67981</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67981</b>	RunNo: <b>88575</b>								
Prep Date: <b>6/8/2022</b>	Analysis Date: <b>6/8/2022</b>	SeqNo: <b>3143575</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.9	1.0	10.00	0	99.4	80	120			

Sample ID: <b>2205D16-001AMS</b>	SampType: <b>MS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>DAD-24</b>	Batch ID: <b>67981</b>	RunNo: <b>88575</b>								
Prep Date: <b>6/8/2022</b>	Analysis Date: <b>6/8/2022</b>	SeqNo: <b>3143577</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.5	1.0	10.00	0	95.2	75	125			

Sample ID: <b>2205D16-001AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>DAD-24</b>	Batch ID: <b>67981</b>	RunNo: <b>88575</b>								
Prep Date: <b>6/8/2022</b>	Analysis Date: <b>6/8/2022</b>	SeqNo: <b>3143578</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.5	1.0	10.00	0	95.2	75	125	0	20	

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Sample Log-In Check List**

Client Name: EA Engineering

Work Order Number: 2205D16

RcptNo: 1

Received By: Cheyenne Cason

5/28/2022 10:30:00 AM

*Chad*

Completed By: Cheyenne Cason

5/31/2022 8:11:24 AM

*Chad*

Reviewed By: *KDG 5.31.22*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present   
 2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA   
 4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA   
 5. Sample(s) in proper container(s)? Yes  No   
 6. Sufficient sample volume for indicated test(s)? Yes  No   
 7. Are samples (except VOA and ONG) properly preserved? Yes  No   
 8. Was preservative added to bottles? Yes  No  NA   
 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA   
 10. Were any sample containers received broken? Yes  No   
 11. Does paperwork match bottle labels? Yes  No   
 (Note discrepancies on chain of custody)  
 12. Are matrices correctly identified on Chain of Custody? Yes  No   
 13. Is it clear what analyses were requested? Yes  No   
 14. Were all holding times able to be met? Yes  No   
 (If no, notify customer for authorization.)

# of preserved bottles checked for pH: *2*  
 (*2* or >12 unless noted)  
 Adjusted? *NO*

Checked by: *DAD 5.31.22*

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.7	Good	Not Present			







Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

May 19, 2022

Regina Mullen

EA Engineering Alb  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX:

RE: Bright Star Dairy

OrderNo.: 2205348

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 4 sample(s) on 5/6/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205348

Date Reported: 5/19/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 86/340-01

**Project:** Bright Star Dairy

**Collection Date:** 5/5/2022 10:15:00 AM

**Lab ID:** 2205348-001

**Matrix:** GROUNDWA

**Received Date:** 5/6/2022 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	220	50		mg/L	100	5/6/2022 5:58:59 PM	R87833
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/6/2022 5:46:35 PM	R87833
Nitrogen, Nitrate (As N)	3.1	1.0		mg/L	10	5/6/2022 5:46:35 PM	R87833
Sulfate	780	50	*	mg/L	100	5/6/2022 5:58:59 PM	R87833
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	2150	20.0	*	mg/L	1	5/14/2022 12:25:00 PM	67425
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	5/12/2022 9:35:00 AM	67399

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205348

Date Reported: 5/19/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 70/86/340-01

**Project:** Bright Star Dairy

**Collection Date:** 5/5/2022 11:48:00 AM

**Lab ID:** 2205348-002

**Matrix:** GROUNDWA

**Received Date:** 5/6/2022 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	1900	50	*	mg/L	100	5/6/2022 6:48:39 PM	R87833
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/6/2022 6:11:24 PM	R87833
Nitrogen, Nitrate (As N)	20	1.0	*	mg/L	10	5/6/2022 6:11:24 PM	R87833
Sulfate	1500	50	*	mg/L	100	5/6/2022 6:48:39 PM	R87833
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	6120	20.0	*	mg/L	1	5/14/2022 12:25:00 PM	67425
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	5/12/2022 9:35:00 AM	67399

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205348

Date Reported: 5/19/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 340-01

**Project:** Bright Star Dairy

**Collection Date:** 5/5/2022 12:57:00 PM

**Lab ID:** 2205348-003

**Matrix:** GROUNDWA

**Received Date:** 5/6/2022 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	610	50	*	mg/L	100	5/6/2022 7:38:19 PM	R87833
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/6/2022 7:25:54 PM	R87833
Nitrogen, Nitrate (As N)	47	1.0	*	mg/L	10	5/6/2022 7:25:54 PM	R87833
Sulfate	590	50	*	mg/L	100	5/6/2022 7:38:19 PM	R87833
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	2990	40.0	*D	mg/L	1	5/14/2022 12:25:00 PM	67425
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	5/12/2022 9:35:00 AM	67399

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205348

Date Reported: 5/19/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 340-02

**Project:** Bright Star Dairy

**Collection Date:** 5/5/2022 2:48:00 PM

**Lab ID:** 2205348-004

**Matrix:** GROUNDWA

**Received Date:** 5/6/2022 9:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	630	50	*	mg/L	100	5/6/2022 8:03:08 PM	R87833
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/6/2022 7:50:44 PM	R87833
Nitrogen, Nitrate (As N)	48	1.0	*	mg/L	10	5/6/2022 7:50:44 PM	R87833
Sulfate	570	50	*	mg/L	100	5/6/2022 8:03:08 PM	R87833
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	3040	40.0	*D	mg/L	1	5/14/2022 12:25:00 PM	67425
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	5/12/2022 9:35:00 AM	67399

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205348

19-May-22

**Client:** EA Engineering Alb  
**Project:** Bright Star Dairy

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R87833</b>	RunNo: <b>87833</b>								
Prep Date:	Analysis Date: <b>5/6/2022</b>	SeqNo: <b>3111737</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID: <b>LCS</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R87833</b>	RunNo: <b>87833</b>								
Prep Date:	Analysis Date: <b>5/6/2022</b>	SeqNo: <b>3111738</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	94.4	90	110			
Nitrogen, Nitrite (As N)	0.97	0.10	1.000	0	96.8	90	110			
Nitrogen, Nitrate (As N)	2.6	0.10	2.500	0	102	90	110			
Sulfate	10	0.50	10.00	0	103	90	110			

Sample ID: <b>2205348-002AMS</b>	SampType: <b>ms</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>70/86/340-01</b>	Batch ID: <b>R87833</b>	RunNo: <b>87833</b>								
Prep Date:	Analysis Date: <b>5/6/2022</b>	SeqNo: <b>3111778</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrate (As N)	46	1.0	25.00	20.11	105	93.5	110			

Sample ID: <b>2205348-002AMSD</b>	SampType: <b>msd</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>70/86/340-01</b>	Batch ID: <b>R87833</b>	RunNo: <b>87833</b>								
Prep Date:	Analysis Date: <b>5/6/2022</b>	SeqNo: <b>3111779</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrate (As N)	46	1.0	25.00	20.11	102	93.5	110	1.45	20	

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205348

19-May-22

**Client:** EA Engineering Alb  
**Project:** Bright Star Dairy

Sample ID: <b>MB-67425</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67425</b>	RunNo: <b>87987</b>								
Prep Date: <b>5/12/2022</b>	Analysis Date: <b>5/14/2022</b>	SeqNo: <b>3118858</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67425</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67425</b>	RunNo: <b>87987</b>								
Prep Date: <b>5/12/2022</b>	Analysis Date: <b>5/14/2022</b>	SeqNo: <b>3118859</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1020	20.0	1000	0	103	80	120			

Sample ID: <b>2205348-001ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>86/340-01</b>	Batch ID: <b>67425</b>	RunNo: <b>87987</b>								
Prep Date: <b>5/12/2022</b>	Analysis Date: <b>5/14/2022</b>	SeqNo: <b>3118861</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	2170	20.0						0.741	10	*

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205348

19-May-22

**Client:** EA Engineering Alb  
**Project:** Bright Star Dairy

Sample ID: <b>MB-67399</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67399</b>	RunNo: <b>87940</b>								
Prep Date: <b>5/11/2022</b>	Analysis Date: <b>5/12/2022</b>	SeqNo: <b>3117314</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67399</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67399</b>	RunNo: <b>87940</b>								
Prep Date: <b>5/11/2022</b>	Analysis Date: <b>5/12/2022</b>	SeqNo: <b>3117315</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.9	1.0	10.00	0	99.4	80	120			

Sample ID: <b>2205348-001AMS</b>	SampType: <b>MS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>86/340-01</b>	Batch ID: <b>67399</b>	RunNo: <b>87940</b>								
Prep Date: <b>5/11/2022</b>	Analysis Date: <b>5/12/2022</b>	SeqNo: <b>3117320</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.8	1.0	10.00	0.5600	92.4	75	125			

Sample ID: <b>2205348-001AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>86/340-01</b>	Batch ID: <b>67399</b>	RunNo: <b>87940</b>								
Prep Date: <b>5/11/2022</b>	Analysis Date: <b>5/12/2022</b>	SeqNo: <b>3117321</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.9	1.0	10.00	0.5600	93.8	75	125	1.42	20	

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



**Sample Log-In Check List**

Client Name: EA Engineering

Work Order Number: 2205348

RcptNo: 1

Received By: Juan Rojas 5/6/2022 9:55:00 AM

*Juan Rojas*

Completed By: Sean Livingston 5/6/2022 10:11:14 AM

*Sean Livingston*

Reviewed By: *KPC 5.6.22*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present
2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA
4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
5. Sample(s) in proper container(s)? Yes  No
6. Sufficient sample volume for indicated test(s)? Yes  No
7. Are samples (except VOA and ONG) properly preserved? Yes  No
8. Was preservative added to bottles? Yes  No  NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
10. Were any sample containers received broken? Yes  No
11. Does paperwork match bottle labels? Yes  No   
 (Note discrepancies on chain of custody)
12. Are matrices correctly identified on Chain of Custody? Yes  No
13. Is it clear what analyses were requested? Yes  No
14. Were all holding times able to be met? Yes  No   
 (If no, notify customer for authorization.)

# of preserved bottles checked for pH: 4  
 (<2 or >12 unless noted)  
 Adjusted? NO  
 Checked by: JR 5/6/22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.5	Good				

# Chain-of-Custody Record



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

Turn-Around Time:  Standard  Rush

Project Name: Bright Star Dairy

Project #: \_\_\_\_\_

Project Manager: Gina Mullen

Sampler: Angel Nieto Rivera

On Ice:  Yes  No

# of Coolers: 1

Cooler Temp (including CF): 6.340-2-00

Container Type and #	Preservative Type	HEAL No.
<u>2</u>		<u>2205348</u>
<u>2</u>		<u>001</u>
<u>2</u>		<u>002</u>
<u>2</u>		<u>003</u>
<u>2</u>		<u>004</u>
<u>AW</u>		<u>005</u>

Client: \_\_\_\_\_

EA Engineering, Science, and Technology

Mailing Address: \_\_\_\_\_

320 Gold Ave SW Suite \_\_\_\_\_

Phone #: 505-715-4279

email or Fax#: rmullen@eaest.com

QA/QC Package:  Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance  NELAC  Other

EDD (Type) \_\_\_\_\_

Date	Time	Matrix	Sample Name
<u>5-5</u>	<u>10:15</u>	<u>GW</u>	<u>86/340-01</u>
<u>5-5</u>	<u>11:48</u>	<u>GW</u>	<u>70/86/340-01</u>
<u>5-5</u>	<u>12:57</u>	<u>GW</u>	<u>340-01</u>
<u>5-5</u>	<u>14:48</u>	<u>GW</u>	<u>340-02</u>

Date: 5-5 Time: 16:50 Relinquished by: Clad NK

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Relinquished by: \_\_\_\_\_

Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur
<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		
<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		
<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		
<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		

Received by: Prof. Felter Date: 5/6/72 Time: 9:15

Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Remarks: \_\_\_\_\_

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

May 19, 2022

Marques Hatfield  
Glorieta GeoScience  
P.O. Box 5727  
Santa Fe, NM 87502  
TEL: (505) 983-5446  
FAX: (505) 983-6482

RE: Organ Dairy

OrderNo.: 2205350

Dear Marques Hatfield:

Hall Environmental Analysis Laboratory received 6 sample(s) on 5/6/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a white background.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205350

Date Reported: 5/19/2022

**CLIENT:** Glorieta GeoScience

**Client Sample ID:** MW-126-13

**Project:** Organ Dairy

**Collection Date:** 5/5/2022 8:40:00 AM

**Lab ID:** 2205350-001

**Matrix:** AQUEOUS

**Received Date:** 5/6/2022 10:08:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	700	50	*	mg/L	100	5/6/2022 7:23:13 PM	A87836
Nitrogen, Nitrate (As N)	14	1.0	*	mg/L	10	5/6/2022 7:10:21 PM	A87836
Sulfate	830	50	*	mg/L	100	5/6/2022 7:23:13 PM	A87836
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	3330	40.0	*D	mg/L	1	5/14/2022 12:25:00 PM	67425
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	2.0	D	mg/L	1	5/12/2022 9:35:00 AM	67399

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205350

Date Reported: 5/19/2022

**CLIENT:** Glorieta GeoScience

**Client Sample ID:** MW-126-04

**Project:** Organ Dairy

**Collection Date:** 5/5/2022 9:25:00 AM

**Lab ID:** 2205350-002

**Matrix:** AQUEOUS

**Received Date:** 5/6/2022 10:08:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	750	50	*	mg/L	100	5/6/2022 8:40:24 PM	A87836
Nitrogen, Nitrate (As N)	25	1.0	*	mg/L	10	5/6/2022 8:27:32 PM	A87836
Sulfate	680	50	*	mg/L	100	5/6/2022 8:40:24 PM	A87836
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	3130	40.0	*D	mg/L	1	5/14/2022 12:25:00 PM	67425
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	5/12/2022 9:35:00 AM	67399

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205350

Date Reported: 5/19/2022

**CLIENT:** Glorieta GeoScience

**Client Sample ID:** MW-126-12

**Project:** Organ Dairy

**Collection Date:** 5/5/2022 10:15:00 AM

**Lab ID:** 2205350-003

**Matrix:** AQUEOUS

**Received Date:** 5/6/2022 10:08:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	360	50	*	mg/L	100	5/6/2022 9:06:08 PM	A87836
Nitrogen, Nitrate (As N)	3.8	1.0		mg/L	10	5/6/2022 8:53:16 PM	A87836
Sulfate	510	50	*	mg/L	100	5/6/2022 9:06:08 PM	A87836
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	2120	20.0	*	mg/L	1	5/14/2022 12:25:00 PM	67425
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	5/12/2022 9:35:00 AM	67399

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205350

Date Reported: 5/19/2022

**CLIENT:** Glorieta GeoScience

**Client Sample ID:** MW-126-05

**Project:** Organ Dairy

**Collection Date:** 5/5/2022 10:40:00 AM

**Lab ID:** 2205350-004

**Matrix:** AQUEOUS

**Received Date:** 5/6/2022 10:08:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	660	50	*	mg/L	100	5/6/2022 9:31:51 PM	A87836
Nitrogen, Nitrate (As N)	9.0	1.0		mg/L	10	5/6/2022 9:19:00 PM	A87836
Sulfate	720	50	*	mg/L	100	5/6/2022 9:31:51 PM	A87836
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	3220	40.0	*D	mg/L	1	5/14/2022 12:25:00 PM	67425
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	1.3	1.0		mg/L	1	5/12/2022 9:35:00 AM	67399

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205350

Date Reported: 5/19/2022

**CLIENT:** Glorieta GeoScience

**Client Sample ID:** MW-126-07

**Project:** Organ Dairy

**Collection Date:** 5/5/2022 11:35:00 AM

**Lab ID:** 2205350-005

**Matrix:** AQUEOUS

**Received Date:** 5/6/2022 10:08:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	790	50	*	mg/L	100	5/6/2022 9:57:35 PM	A87836
Nitrogen, Nitrate (As N)	21	1.0	*	mg/L	10	5/6/2022 9:44:43 PM	A87836
Sulfate	820	50	*	mg/L	100	5/6/2022 9:57:35 PM	A87836
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	3470	40.0	*D	mg/L	1	5/14/2022 12:25:00 PM	67425
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	5/12/2022 9:35:00 AM	67399

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		



# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205350

Date Reported: 5/19/2022

**CLIENT:** Glorieta GeoScience

**Client Sample ID:** MW-126-09

**Project:** Organ Dairy

**Collection Date:** 5/5/2022 12:20:00 PM

**Lab ID:** 2205350-006

**Matrix:** AQUEOUS

**Received Date:** 5/6/2022 10:08:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	190	50		mg/L	100	5/6/2022 10:49:10 PM	A87836
Nitrogen, Nitrate (As N)	1.4	1.0		mg/L	10	5/6/2022 10:36:17 PM	A87836
Sulfate	130	5.0		mg/L	10	5/6/2022 10:36:17 PM	A87836
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	924	40.0	*D	mg/L	1	5/14/2022 12:25:00 PM	67425
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	5/12/2022 9:35:00 AM	67399

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205350

19-May-22

**Client:** Glorieta GeoScience

**Project:** Organ Dairy

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>A87836</b>	RunNo: <b>87836</b>								
Prep Date:	Analysis Date: <b>5/6/2022</b>	SeqNo: <b>3111967</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Chloride	ND	0.50								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID: <b>LCS</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>A87836</b>	RunNo: <b>87836</b>								
Prep Date:	Analysis Date: <b>5/6/2022</b>	SeqNo: <b>3111968</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Chloride	4.7	0.50	5.000	0	94.0	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	102	90	110			
Sulfate	10	0.50	10.00	0	102	90	110			

Sample ID: <b>2205350-001AMS</b>	SampType: <b>ms</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>MW-126-13</b>	Batch ID: <b>A87836</b>	RunNo: <b>87836</b>								
Prep Date:	Analysis Date: <b>5/6/2022</b>	SeqNo: <b>3111973</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Nitrogen, Nitrate (As N)	40	1.0	25.00	14.46	104	93.5	110			
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Sample ID: <b>2205350-001AMSD</b>	SampType: <b>msd</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>MW-126-13</b>	Batch ID: <b>A87836</b>	RunNo: <b>87836</b>								
Prep Date:	Analysis Date: <b>5/6/2022</b>	SeqNo: <b>3111974</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Nitrogen, Nitrate (As N)	41	1.0	25.00	14.46	105	93.5	110	1.07	20	
--------------------------	----	-----	-------	-------	-----	------	-----	------	----	--

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205350

19-May-22

Client: Glorieta GeoScience

Project: Organ Dairy

Sample ID: <b>MB-67425</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67425</b>	RunNo: <b>87987</b>								
Prep Date: <b>5/12/2022</b>	Analysis Date: <b>5/14/2022</b>	SeqNo: <b>3118858</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67425</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67425</b>	RunNo: <b>87987</b>								
Prep Date: <b>5/12/2022</b>	Analysis Date: <b>5/14/2022</b>	SeqNo: <b>3118859</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1020	20.0	1000	0	103	80	120			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205350

19-May-22

Client: Glorieta GeoScience

Project: Organ Dairy

Sample ID: <b>MB-67399</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67399</b>	RunNo: <b>87940</b>								
Prep Date: <b>5/11/2022</b>	Analysis Date: <b>5/12/2022</b>	SeqNo: <b>3117314</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67399</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67399</b>	RunNo: <b>87940</b>								
Prep Date: <b>5/11/2022</b>	Analysis Date: <b>5/12/2022</b>	SeqNo: <b>3117315</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.9	1.0	10.00	0	99.4	80	120			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

**Sample Log-In Check List**

Client Name: **Glorieta GeoScience**

Work Order Number: **2205350**

RcptNo: **1**

Received By: **Cheyenne Cason** 5/6/2022 10:08:00 AM

*Cason*

Completed By: **Sean Livingston** 5/6/2022 10:20:02 AM

*Sean Livingston*

Reviewed By: *WDG 5.6.22*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present
2. How was the sample delivered? Client

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA
4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
5. Sample(s) in proper container(s)? Yes  No
6. Sufficient sample volume for indicated test(s)? Yes  No
7. Are samples (except VOA and ONG) properly preserved? Yes  No
8. Was preservative added to bottles? Yes  No  NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
10. Were any sample containers received broken? Yes  No
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes  No
12. Are matrices correctly identified on Chain of Custody? Yes  No
13. Is it clear what analyses were requested? Yes  No
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes  No

# of preserved bottles checked for pH: (6)  
 (<2 or >12 unless noted)

Adjusted? no

Checked by: Cmc 5/6/22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_

By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person

Regarding: \_\_\_\_\_

Client Instructions: \_\_\_\_\_

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.4	Good				

# Chain-of-Custody Record

Client: Parera Geoscience

Mailing Address: 1723 2nd St

Phone #: Santa Fe NM 87505  
505-983-5446

email or Fax#:

QA/QC Package:

Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance

NELAC  Other

EDD (Type)

Turn-Around Time:

Standard  Rush

Project Name: Organ Parry

Project #:

Project Manager: Margues Hatfield

Sampler: Zachary Delay

On Ice:  Yes  No

# of Coolers: 1

Cooler Temp (including CF): 1.4 - 0 = 1.4 (°C)

Container Type and # Ex 500ml Preservative Type H<sub>2</sub>SO<sub>4</sub> HEAL No. 2205350

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Other		
5/5/22	840	Ag	MW-126-13			001											X	TDS, Cl, SO <sub>4</sub>	
	925		MW-126-04			002												X	TKN, NO <sub>3</sub>
	1015		MW-126-12			003													
	1040		MW-126-05			004													
	1135		MW-126-07			005													
	1220		MW-126-09			006													

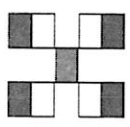
Relinquished by: Zachary Delay

Relinquished by: Zachary Delay

Received by: CM Via: CM Date: 5/6/22 Time: 1008

Received by: CM Via: CM Date: 5/6/22 Time: 1008

Remarks:



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

May 19, 2022

Marques Hatfield  
Glorieta GeoScience  
P.O. Box 5727  
Santa Fe, NM 87502  
TEL: (505) 983-5446  
FAX: (505) 983-6482

RE: Organ Dairy

OrderNo.: 2205352

Dear Marques Hatfield:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/6/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a white background.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205352

Date Reported: 5/19/2022

**CLIENT:** Glorieta GeoScience

**Client Sample ID:** LRG-458-S

**Project:** Organ Dairy

**Collection Date:** 5/5/2022 11:55:00 AM

**Lab ID:** 2205352-001

**Matrix:** AQUEOUS

**Received Date:** 5/6/2022 10:08:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	67	5.0		mg/L	10	5/6/2022 11:02:02 PM	A87836
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	5/6/2022 11:02:02 PM	A87836
Sulfate	89	5.0		mg/L	10	5/6/2022 11:02:02 PM	A87836
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	480	20.0		mg/L	1	5/14/2022 12:25:00 PM	67425
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	5/10/2022 1:36:00 PM	67373

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		



# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205352

19-May-22

Client: Glorieta GeoScience

Project: Organ Dairy

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>A87836</b>	RunNo: <b>87836</b>								
Prep Date:	Analysis Date: <b>5/6/2022</b>	SeqNo: <b>3111967</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Chloride	ND	0.50								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID: <b>LCS</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>A87836</b>	RunNo: <b>87836</b>								
Prep Date:	Analysis Date: <b>5/6/2022</b>	SeqNo: <b>3111968</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Chloride	4.7	0.50	5.000	0	94.0	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	102	90	110			
Sulfate	10	0.50	10.00	0	102	90	110			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205352

19-May-22

Client: Glorieta GeoScience

Project: Organ Dairy

Sample ID: <b>MB-67425</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67425</b>	RunNo: <b>87987</b>								
Prep Date: <b>5/12/2022</b>	Analysis Date: <b>5/14/2022</b>	SeqNo: <b>3118858</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67425</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67425</b>	RunNo: <b>87987</b>								
Prep Date: <b>5/12/2022</b>	Analysis Date: <b>5/14/2022</b>	SeqNo: <b>3118859</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1020	20.0	1000	0	103	80	120			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205352

19-May-22

Client: Glorieta GeoScience

Project: Organ Dairy

Sample ID: <b>MB-67373</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67373</b>	RunNo: <b>87876</b>								
Prep Date: <b>5/10/2022</b>	Analysis Date: <b>5/10/2022</b>	SeqNo: <b>3113592</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67373</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67373</b>	RunNo: <b>87876</b>								
Prep Date: <b>5/10/2022</b>	Analysis Date: <b>5/10/2022</b>	SeqNo: <b>3113593</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	10	1.0	10.00	0	101	80	120			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

**Sample Log-In Check List**

Client Name: **Glorieta GeoScience**      Work Order Number: **2205352**      RcptNo: **1**

Received By: **Cheyenne Cason**      5/6/2022 10:08:00 AM

Completed By: **Sean Livingston**      5/6/2022 10:30:10 AM

Reviewed By: *KPG 5.6.22*

*Handwritten signatures: Cason, Sean Livingston*

**Chain of Custody**

1. Is Chain of Custody complete?      Yes       No       Not Present
2. How was the sample delivered?      Client

**Log In**

3. Was an attempt made to cool the samples?      Yes       No       NA
4. Were all samples received at a temperature of >0° C to 6.0°C      Yes       No       NA
5. Sample(s) in proper container(s)?      Yes       No
6. Sufficient sample volume for indicated test(s)?      Yes       No
7. Are samples (except VOA and ONG) properly preserved?      Yes       No
8. Was preservative added to bottles?      Yes       No       NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA?      Yes       No       NA
10. Were any sample containers received broken?      Yes       No
11. Does paperwork match bottle labels?      Yes       No   
 (Note discrepancies on chain of custody)
12. Are matrices correctly identified on Chain of Custody?      Yes       No
13. Is it clear what analyses were requested?      Yes       No
14. Were all holding times able to be met?      Yes       No   
 (If no, notify customer for authorization.)

# of preserved bottles checked for pH: 1  
 (<2 or >12 unless noted)  
 Adjusted? no  
 Checked by: CME 5/6/22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order?      Yes       No       NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.4	Good				





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

May 18, 2022

Regina Mullen

EA Engineering Alb  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX

RE: Mountain View Dairy

OrderNo.: 2205436

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 4 sample(s) on 5/10/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205436

Date Reported: 5/18/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 70-03

**Project:** Mountain View Dairy

**Collection Date:** 5/9/2022 9:48:00 AM

**Lab ID:** 2205436-001

**Matrix:** GROUNDWA

**Received Date:** 5/10/2022 9:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	1500	50	*	mg/L	100	5/10/2022 12:52:28 PM	R87894
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/10/2022 12:40:04 PM	R87894
Nitrogen, Nitrate (As N)	37	1.0	*	mg/L	10	5/10/2022 12:40:04 PM	R87894
Sulfate	870	50	*	mg/L	100	5/10/2022 12:52:28 PM	R87894
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	4430	20.0	*	mg/L	1	5/16/2022 11:03:00 AM	67452
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	5/13/2022 9:29:00 AM	67427

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205436

Date Reported: 5/18/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 70-01

**Project:** Mountain View Dairy

**Collection Date:** 5/9/2022 10:59:00 AM

**Lab ID:** 2205436-002

**Matrix:** GROUNDWA

**Received Date:** 5/10/2022 9:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	700	50	*	mg/L	100	5/10/2022 1:42:06 PM	R87894
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/10/2022 1:29:42 PM	R87894
Nitrogen, Nitrate (As N)	15	1.0	*	mg/L	10	5/10/2022 1:29:42 PM	R87894
Sulfate	830	50	*	mg/L	100	5/10/2022 1:42:06 PM	R87894
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	3330	20.0	*	mg/L	1	5/16/2022 11:03:00 AM	67452
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	2.0	D	mg/L	1	5/13/2022 9:29:00 AM	67427

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		



# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205436

Date Reported: 5/18/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 70-02

**Project:** Mountain View Dairy

**Collection Date:** 5/9/2022 12:28:00 PM

**Lab ID:** 2205436-003

**Matrix:** GROUNDWA

**Received Date:** 5/10/2022 9:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	760	50	*	mg/L	100	5/10/2022 2:06:55 PM	R87894
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/10/2022 1:54:30 PM	R87894
Nitrogen, Nitrate (As N)	33	1.0	*	mg/L	10	5/10/2022 1:54:30 PM	R87894
Sulfate	410	50	*	mg/L	100	5/10/2022 2:06:55 PM	R87894
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	3020	40.0	*D	mg/L	1	5/16/2022 11:03:00 AM	67452
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	5/13/2022 9:29:00 AM	67427

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205436

Date Reported: 5/18/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 70-04

**Project:** Mountain View Dairy

**Collection Date:** 5/9/2022 2:38:00 PM

**Lab ID:** 2205436-004

**Matrix:** GROUNDWA

**Received Date:** 5/10/2022 9:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	550	50	*	mg/L	100	5/10/2022 2:31:45 PM	R87894
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/10/2022 2:19:20 PM	R87894
Nitrogen, Nitrate (As N)	24	1.0	*	mg/L	10	5/10/2022 2:19:20 PM	R87894
Sulfate	730	50	*	mg/L	100	5/10/2022 2:31:45 PM	R87894
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	3220	100	*D	mg/L	1	5/16/2022 11:03:00 AM	67452
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	5/13/2022 9:29:00 AM	67427

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205436

18-May-22

**Client:** EA Engineering Alb  
**Project:** Mountain View Dairy

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R87894</b>	RunNo: <b>87894</b>								
Prep Date:	Analysis Date: <b>5/10/2022</b>	SeqNo: <b>3115188</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID: <b>LCS</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R87894</b>	RunNo: <b>87894</b>								
Prep Date:	Analysis Date: <b>5/10/2022</b>	SeqNo: <b>3115189</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.6	0.50	5.000	0	92.3	90	110			
Nitrogen, Nitrite (As N)	0.94	0.10	1.000	0	94.0	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	100	90	110			
Sulfate	10	0.50	10.00	0	101	90	110			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205436

18-May-22

**Client:** EA Engineering Alb  
**Project:** Mountain View Dairy

Sample ID: <b>MB-67452</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67452</b>	RunNo: <b>88016</b>								
Prep Date: <b>5/13/2022</b>	Analysis Date: <b>5/16/2022</b>	SeqNo: <b>3119755</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67452</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67452</b>	RunNo: <b>88016</b>								
Prep Date: <b>5/13/2022</b>	Analysis Date: <b>5/16/2022</b>	SeqNo: <b>3119756</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1050	20.0	1000	0	105	80	120			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205436

18-May-22

**Client:** EA Engineering Alb  
**Project:** Mountain View Dairy

Sample ID: <b>MB-67427</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67427</b>	RunNo: <b>87970</b>								
Prep Date: <b>5/12/2022</b>	Analysis Date: <b>5/13/2022</b>	SeqNo: <b>3118465</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67427</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67427</b>	RunNo: <b>87970</b>								
Prep Date: <b>5/12/2022</b>	Analysis Date: <b>5/13/2022</b>	SeqNo: <b>3118466</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.9	1.0	10.00	0	99.4	80	120			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Client Name: EA Engineering

Work Order Number: 2205436

RcptNo: 1

Received By: Juan Rojas

5/10/2022 9:10:00 AM

*Juan Rojas*

Completed By: Sean Livingston

5/10/2022 9:37:50 AM

*Sean Livingston*

Reviewed By: *JA 5-10-22*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present
2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA
4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
5. Sample(s) in proper container(s)? Yes  No
6. Sufficient sample volume for indicated test(s)? Yes  No
7. Are samples (except VOA and ONG) properly preserved? Yes  No
8. Was preservative added to bottles? Yes  No  NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
10. Were any sample containers received broken? Yes  No
11. Does paperwork match bottle labels? Yes  No   
 (Note discrepancies on chain of custody)
12. Are matrices correctly identified on Chain of Custody? Yes  No
13. Is it clear what analyses were requested? Yes  No
14. Were all holding times able to be met? Yes  No   
 (If no, notify customer for authorization.)

# of preserved bottles checked for pH: 4  
 (<2 or >12 unless noted)  
 Adjusted? NO  
 Checked by: JA 5/10/22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.8	Good				

# Chain-of-Custody Record

Client: \_\_\_\_\_  
 EA Engineering, Science, and Technology  
 Mailing Address: \_\_\_\_\_  
 320 Gold Ave SW Suite \_\_\_\_\_  
 Phone #: 505-715-4279  
 email or Fax#: rmullen@eaest.com  
 QA/QC Package:  Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other \_\_\_\_\_  
 EDD (Type) \_\_\_\_\_

Turn-Around Time: \_\_\_\_\_  
 Standard  Rush  
 Project Name: \_\_\_\_\_  
 Mountain View Dairy  
 Project #: \_\_\_\_\_  
 Project Manager: Gina Mullen  
 Sampler: Angel Nieto Rivera  
 On Ice:  Yes  No  
 # of Coolers: 1  
 Cooler Temp (including CF): 1.5-0-1.5  
 Container Type and #  
 Preservative Type  
 HEAL No.  
 2 001  
 2 002  
 2 003  
 2 004

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
5-9	9:48	Gw	70-03	2		2205436
5-9	10:59	Gw	70-01	2		001
5-9	12:28	Gw	70-02	2		002
5-9	14:38	Gw	70-04	2		003
						004



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**  
 www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur
X	X	X	X		
X	X	X	X		
X	X	X	X		
X	X	X	X		

Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date: 5-9-16 Time: 16:25  
 Received by: [Signature] Date: 5/10/22 Time: 9:10  
 Relinquished by: [Signature] Date: \_\_\_\_\_ Time: \_\_\_\_\_

Remarks: \_\_\_\_\_

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 03, 2022

Regina Mullen

EA Engineering Alb  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX

RE: Dominguez Dairy 2

OrderNo.: 2205500

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 3 sample(s) on 5/11/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109



# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205500

Date Reported: 6/3/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 42-03

**Project:** Dominguez Dairy 2

**Collection Date:** 5/10/2022 10:50:00 AM

**Lab ID:** 2205500-001

**Matrix:** GROUNDWA

**Received Date:** 5/11/2022 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	970	50	*	mg/L	100	5/12/2022 5:20:38 PM	R87965
Nitrogen, Nitrite (As N)	ND	2.0		mg/L	20	5/11/2022 9:13:27 PM	R87926
Nitrogen, Nitrate (As N)	33	2.0	*	mg/L	20	5/11/2022 9:13:27 PM	R87926
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	3280	20.0	*	mg/L	1	5/16/2022 11:03:00 AM	67452
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	5/16/2022 10:30:00 AM	67449

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205500

Date Reported: 6/3/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 42-13

**Project:** Dominguez Dairy 2

**Collection Date:** 5/10/2022 12:38:00 PM

**Lab ID:** 2205500-002

**Matrix:** GROUNDWA

**Received Date:** 5/11/2022 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	940	50	*	mg/L	100	5/12/2022 5:33:30 PM	R87965
Nitrogen, Nitrite (As N)	ND	2.0		mg/L	20	5/11/2022 9:39:12 PM	R87926
Nitrogen, Nitrate (As N)	21	2.0	*	mg/L	20	5/11/2022 9:39:12 PM	R87926
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	3380	20.0	*	mg/L	1	5/16/2022 11:03:00 AM	67452
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	5/16/2022 10:30:00 AM	67449

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205500

Date Reported: 6/3/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 42-06

**Project:** Dominguez Dairy 2

**Collection Date:** 5/10/2022 2:00:00 PM

**Lab ID:** 2205500-003

**Matrix:** GROUNDWA

**Received Date:** 5/11/2022 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	520	25	*	mg/L	50	5/12/2022 12:17:00 PM	R87968
Nitrogen, Nitrite (As N)	ND	0.50		mg/L	5	5/11/2022 9:52:42 PM	R87926
Nitrogen, Nitrate (As N)	170	5.0	*	mg/L	50	5/12/2022 12:17:00 PM	R87968
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	3420	20.0	*	mg/L	1	5/16/2022 11:03:00 AM	67452
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	5/16/2022 10:30:00 AM	67449

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205500

03-Jun-22

**Client:** EA Engineering Alb  
**Project:** Dominguez Dairy 2

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R87926</b>	RunNo: <b>87926</b>								
Prep Date:	Analysis Date: <b>5/11/2022</b>	SeqNo: <b>3116625</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								

Sample ID: <b>LCS</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R87926</b>	RunNo: <b>87926</b>								
Prep Date:	Analysis Date: <b>5/11/2022</b>	SeqNo: <b>3116626</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	1.0	0.10	1.000	0	100	90	110			
Nitrogen, Nitrate (As N)	2.6	0.10	2.500	0	105	90	110			

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R87965</b>	RunNo: <b>87965</b>								
Prep Date:	Analysis Date: <b>5/12/2022</b>	SeqNo: <b>3118216</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID: <b>LCS</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R87965</b>	RunNo: <b>87965</b>								
Prep Date:	Analysis Date: <b>5/12/2022</b>	SeqNo: <b>3118217</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	94.7	90	110			

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R87968</b>	RunNo: <b>87968</b>								
Prep Date:	Analysis Date: <b>5/12/2022</b>	SeqNo: <b>3118349</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrogen, Nitrate (As N)	ND	0.10								

Sample ID: <b>LCS</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R87968</b>	RunNo: <b>87968</b>								
Prep Date:	Analysis Date: <b>5/12/2022</b>	SeqNo: <b>3118350</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	95.0	90	110			
Nitrogen, Nitrate (As N)	2.6	0.10	2.500	0	102	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205500

03-Jun-22

**Client:** EA Engineering Alb  
**Project:** Dominguez Dairy 2

Sample ID: <b>MB-67452</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67452</b>	RunNo: <b>88016</b>								
Prep Date: <b>5/13/2022</b>	Analysis Date: <b>5/16/2022</b>	SeqNo: <b>3119755</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67452</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67452</b>	RunNo: <b>88016</b>								
Prep Date: <b>5/13/2022</b>	Analysis Date: <b>5/16/2022</b>	SeqNo: <b>3119756</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1050	20.0	1000	0	105	80	120			

Sample ID: <b>2205500-003ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>42-06</b>	Batch ID: <b>67452</b>	RunNo: <b>88016</b>								
Prep Date: <b>5/13/2022</b>	Analysis Date: <b>5/16/2022</b>	SeqNo: <b>3119766</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	3410	20.0						0.410	10	*

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205500

03-Jun-22

**Client:** EA Engineering Alb  
**Project:** Dominguez Dairy 2

Sample ID: <b>MB-67449</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67449</b>	RunNo: <b>88021</b>								
Prep Date: <b>5/13/2022</b>	Analysis Date: <b>5/16/2022</b>	SeqNo: <b>3119948</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67449</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67449</b>	RunNo: <b>88021</b>								
Prep Date: <b>5/13/2022</b>	Analysis Date: <b>5/16/2022</b>	SeqNo: <b>3119949</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.9	1.0	10.00	0	99.4	80	120			

Sample ID: <b>2205500-003AMS</b>	SampType: <b>MS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>42-06</b>	Batch ID: <b>67449</b>	RunNo: <b>88021</b>								
Prep Date: <b>5/13/2022</b>	Analysis Date: <b>5/16/2022</b>	SeqNo: <b>3119959</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.8	1.0	10.00	0.9800	88.2	75	125			

Sample ID: <b>2205500-003AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>42-06</b>	Batch ID: <b>67449</b>	RunNo: <b>88021</b>								
Prep Date: <b>5/13/2022</b>	Analysis Date: <b>5/16/2022</b>	SeqNo: <b>3119960</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.8	1.0	10.00	0.9800	88.2	75	125	0	20	

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Sample Log-In Check List**

Client Name: EA Engineering

Work Order Number: 2205500

RcptNo: 1

Received By: Cheyenne Cason

5/11/2022 8:50:00 AM

*CC*

Completed By: Sean Livingston

5/11/2022 9:20:22 AM

*SL*

Reviewed By: *CMC*

5/11/22

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present
2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA
4. Were all samples received at a temperature of >0° C to 6.0° C? Yes  No  NA
5. Sample(s) in proper container(s)? Yes  No
6. Sufficient sample volume for indicated test(s)? Yes  No
7. Are samples (except VOA and ONG) properly preserved? Yes  No
8. Was preservative added to bottles? Yes  No  NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
10. Were any sample containers received broken? Yes  No
11. Does paperwork match bottle labels?  
 (Note discrepancies on chain of custody) Yes  No
12. Are matrices correctly identified on Chain of Custody? Yes  No
13. Is it clear what analyses were requested? Yes  No
14. Were all holding times able to be met?  
 (If no, notify customer for authorization.) Yes  No

# of preserved bottles checked for pH: 3  
 (<2 or >12 unless noted)  
 Adjusted? NO  
 Checked by: KPG 5.11.22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.2	Good				







Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

May 25, 2022

Regina Mullen

EA Engineering Alb  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX:

RE: Dominguez Dairy 2

OrderNo.: 2205579

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 5 sample(s) on 5/12/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205579

Date Reported: 5/25/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 42-02

**Project:** Dominguez Dairy 2

**Collection Date:** 5/11/2022 11:15:00 AM

**Lab ID:** 2205579-001

**Matrix:** AQUEOUS

**Received Date:** 5/12/2022 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	530	50	*	mg/L	100	5/12/2022 5:27:20 PM	R87968
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/12/2022 5:14:55 PM	R87968
Nitrogen, Nitrate (As N)	10	1.0	*	mg/L	10	5/12/2022 5:14:55 PM	R87968
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	2740	20.0	*	mg/L	1	5/17/2022 6:25:00 PM	67486
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	2.0	D	mg/L	1	5/17/2022 9:44:00 AM	67475

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205579

Date Reported: 5/25/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 42-08

**Project:** Dominguez Dairy 2

**Collection Date:** 5/11/2022 12:50:00 PM

**Lab ID:** 2205579-002

**Matrix:** AQUEOUS

**Received Date:** 5/12/2022 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	260	50	*	mg/L	100	5/12/2022 5:52:09 PM	R87968
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/12/2022 5:39:45 PM	R87968
Nitrogen, Nitrate (As N)	24	1.0	*	mg/L	10	5/12/2022 5:39:45 PM	R87968
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	1800	20.0	*	mg/L	1	5/17/2022 6:25:00 PM	67486
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	5/17/2022 9:44:00 AM	67475

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205579

Date Reported: 5/25/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 42-11

**Project:** Dominguez Dairy 2

**Collection Date:** 5/11/2022 1:40:00 PM

**Lab ID:** 2205579-003

**Matrix:** AQUEOUS

**Received Date:** 5/12/2022 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	350	50	*	mg/L	100	5/12/2022 6:41:48 PM	R87968
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/12/2022 6:04:34 PM	R87968
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	5/12/2022 6:04:34 PM	R87968
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	1390	20.0	*	mg/L	1	5/17/2022 6:25:00 PM	67486
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	5/17/2022 9:44:00 AM	67475

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205579

Date Reported: 5/25/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 42-12

**Project:** Dominguez Dairy 2

**Collection Date:** 5/11/2022 2:36:00 PM

**Lab ID:** 2205579-004

**Matrix:** AQUEOUS

**Received Date:** 5/12/2022 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	250	50	*	mg/L	100	5/12/2022 7:06:38 PM	R87968
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/12/2022 6:54:13 PM	R87968
Nitrogen, Nitrate (As N)	1.6	1.0		mg/L	10	5/12/2022 6:54:13 PM	R87968
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	1080	20.0	*	mg/L	1	5/17/2022 6:25:00 PM	67486
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	5/17/2022 9:44:00 AM	67475

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205579

Date Reported: 5/25/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 42-10

**Project:** Dominguez Dairy 2

**Collection Date:** 5/11/2022 3:32:00 PM

**Lab ID:** 2205579-005

**Matrix:** AQUEOUS

**Received Date:** 5/12/2022 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	420	50	*	mg/L	100	5/12/2022 7:56:18 PM	R87968
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/12/2022 7:43:53 PM	R87968
Nitrogen, Nitrate (As N)	6.4	1.0		mg/L	10	5/12/2022 7:43:53 PM	R87968
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	1610	20.0	*	mg/L	1	5/17/2022 6:25:00 PM	67486
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	5/17/2022 9:44:00 AM	67475

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205579

25-May-22

**Client:** EA Engineering Alb

**Project:** Dominguez Dairy 2

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R87968</b>	RunNo: <b>87968</b>								
Prep Date:	Analysis Date: <b>5/12/2022</b>	SeqNo: <b>3118349</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								

Sample ID: <b>LCS</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R87968</b>	RunNo: <b>87968</b>								
Prep Date:	Analysis Date: <b>5/12/2022</b>	SeqNo: <b>3118350</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Chloride	4.7	0.50	5.000	0	95.0	90	110			
Nitrogen, Nitrite (As N)	0.97	0.10	1.000	0	96.7	90	110			
Nitrogen, Nitrate (As N)	2.6	0.10	2.500	0	102	90	110			

Sample ID: <b>2205579-003AMS</b>	SampType: <b>ms</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>42-11</b>	Batch ID: <b>R87968</b>	RunNo: <b>87968</b>								
Prep Date:	Analysis Date: <b>5/12/2022</b>	SeqNo: <b>3118376</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Nitrogen, Nitrite (As N)	8.8	1.0	10.00	0	87.8	83.4	105			
Nitrogen, Nitrate (As N)	25	1.0	25.00	0.3650	96.7	93.5	110			

Sample ID: <b>2205579-003AMSD</b>	SampType: <b>msd</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>42-11</b>	Batch ID: <b>R87968</b>	RunNo: <b>87968</b>								
Prep Date:	Analysis Date: <b>5/12/2022</b>	SeqNo: <b>3118377</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Nitrogen, Nitrite (As N)	8.9	1.0	10.00	0	88.9	83.4	105	1.28	20	
Nitrogen, Nitrate (As N)	25	1.0	25.00	0.3650	97.8	93.5	110	1.09	20	

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205579

25-May-22

**Client:** EA Engineering Alb

**Project:** Dominguez Dairy 2

Sample ID: <b>MB-67486</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67486</b>	RunNo: <b>88068</b>								
Prep Date: <b>5/16/2022</b>	Analysis Date: <b>5/17/2022</b>	SeqNo: <b>3122086</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67486</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67486</b>	RunNo: <b>88068</b>								
Prep Date: <b>5/16/2022</b>	Analysis Date: <b>5/17/2022</b>	SeqNo: <b>3122087</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1030	20.0	1000	0	103	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |



# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205579

25-May-22

**Client:** EA Engineering Alb

**Project:** Dominguez Dairy 2

Sample ID: <b>MB-67475</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67475</b>	RunNo: <b>88052</b>								
Prep Date: <b>5/16/2022</b>	Analysis Date: <b>5/17/2022</b>	SeqNo: <b>3121551</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67475</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67475</b>	RunNo: <b>88052</b>								
Prep Date: <b>5/16/2022</b>	Analysis Date: <b>5/17/2022</b>	SeqNo: <b>3121552</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	10	1.0	10.00	0	101	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

**Sample Log-In Check List**

Client Name: **EA Engineering**

Work Order Number: **2205579**

RcptNo: 1

Received By: **Juan Rojas**

5/12/2022 8:50:00 AM

*Juan Rojas*

Completed By: **Cheyenne Cason**

5/12/2022 9:53:55 AM

*Cason*

Reviewed By: **TMC**

5/12/22

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present
2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA
4. Were all samples received at a temperature of >0° C to 6.0° C Yes  No  NA
5. Sample(s) in proper container(s)? Yes  No
6. Sufficient sample volume for indicated test(s)? Yes  No
7. Are samples (except VOA and ONG) properly preserved? Yes  No
8. Was preservative added to bottles? Yes  No  NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
10. Were any sample containers received broken? Yes  No
11. Does paperwork match bottle labels? Yes  No   
 (Note discrepancies on chain of custody)
12. Are matrices correctly identified on Chain of Custody? Yes  No
13. Is it clear what analyses were requested? Yes  No
14. Were all holding times able to be met? Yes  No   
 (If no, notify customer for authorization.)

# of preserved bottles checked for pH: **(5)**  
 (<2 or >12 unless noted)  
 Adjusted? no  
 Checked by: CMC 5/14/22  
CMC 5/12/22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.5	Good	Not Present			





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

May 25, 2022

Regina Mullen

EA Engineering Alb  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX:

RE: Dominguez Dairy 1

OrderNo.: 2205642

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 4 sample(s) on 5/13/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205642

Date Reported: 5/25/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 624-11

**Project:** Dominguez Dairy 1

**Collection Date:** 5/12/2022 9:52:00 AM

**Lab ID:** 2205642-001

**Matrix:** GROUNDWA

**Received Date:** 5/13/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	1000	50	*	mg/L	100	5/13/2022 8:13:22 PM	R88003
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/13/2022 8:00:58 PM	R88003
Nitrogen, Nitrate (As N)	9.6	1.0		mg/L	10	5/13/2022 8:00:58 PM	R88003
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	3340	40.0	*D	mg/L	1	5/20/2022 12:40:00 PM	67567
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	5/19/2022 9:41:00 AM	67534

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205642

Date Reported: 5/25/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 624-01

**Project:** Dominguez Dairy 1

**Collection Date:** 5/12/2022 11:20:00 AM

**Lab ID:** 2205642-002

**Matrix:** GROUNDWA

**Received Date:** 5/13/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	750	50	*	mg/L	100	5/13/2022 8:38:11 PM	R88003
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/13/2022 8:25:47 PM	R88003
Nitrogen, Nitrate (As N)	19	1.0	*	mg/L	10	5/13/2022 8:25:47 PM	R88003
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	2550	20.0	*	mg/L	1	5/20/2022 12:40:00 PM	67567
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	2.0	D	mg/L	1	5/19/2022 9:41:00 AM	67534

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205642

Date Reported: 5/25/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 624-02

**Project:** Dominguez Dairy 1

**Collection Date:** 5/12/2022 12:55:00 PM

**Lab ID:** 2205642-003

**Matrix:** GROUNDWA

**Received Date:** 5/13/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	800	50	*	mg/L	100	5/13/2022 9:02:59 PM	R88003
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/13/2022 8:50:35 PM	R88003
Nitrogen, Nitrate (As N)	13	1.0	*	mg/L	10	5/13/2022 8:50:35 PM	R88003
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	3430	20.0	*	mg/L	1	5/20/2022 12:40:00 PM	67567
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	2.0	D	mg/L	1	5/19/2022 9:41:00 AM	67534

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205642

Date Reported: 5/25/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 624-10

**Project:** Dominguez Dairy 1

**Collection Date:** 5/12/2022 2:44:00 PM

**Lab ID:** 2205642-004

**Matrix:** GROUNDWA

**Received Date:** 5/13/2022 8:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	410	50	*	mg/L	100	5/13/2022 9:27:48 PM	R88003
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/13/2022 9:15:24 PM	R88003
Nitrogen, Nitrate (As N)	5.8	1.0		mg/L	10	5/13/2022 9:15:24 PM	R88003
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	2420	40.0	*D	mg/L	1	5/20/2022 12:40:00 PM	67567
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	5/19/2022 9:41:00 AM	67534

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		



# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205642

25-May-22

**Client:** EA Engineering Alb

**Project:** Dominguez Dairy 1

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88003</b>	RunNo: <b>88003</b>								
Prep Date:	Analysis Date: <b>5/13/2022</b>	SeqNo: <b>3119409</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								

Sample ID: <b>LCS</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88003</b>	RunNo: <b>88003</b>								
Prep Date:	Analysis Date: <b>5/13/2022</b>	SeqNo: <b>3119410</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.8	0.50	5.000	0	95.4	90	110			
Nitrogen, Nitrite (As N)	1.0	0.10	1.000	0	101	90	110			
Nitrogen, Nitrate (As N)	2.6	0.10	2.500	0	103	90	110			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205642

25-May-22

Client: EA Engineering Alb

Project: Dominguez Dairy 1

Sample ID: <b>MB-67567</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67567</b>	RunNo: <b>88158</b>								
Prep Date: <b>5/19/2022</b>	Analysis Date: <b>5/20/2022</b>	SeqNo: <b>3125468</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67567</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67567</b>	RunNo: <b>88158</b>								
Prep Date: <b>5/19/2022</b>	Analysis Date: <b>5/20/2022</b>	SeqNo: <b>3125469</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1010	20.0	1000	0	101	80	120			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205642

25-May-22

**Client:** EA Engineering Alb

**Project:** Dominguez Dairy 1

Sample ID: <b>MB-67534</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67534</b>	RunNo: <b>88121</b>								
Prep Date: <b>5/18/2022</b>	Analysis Date: <b>5/19/2022</b>	SeqNo: <b>3124119</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67534</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67534</b>	RunNo: <b>88121</b>								
Prep Date: <b>5/18/2022</b>	Analysis Date: <b>5/19/2022</b>	SeqNo: <b>3124120</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.8	1.0	10.00	0	98.0	80	120			

Sample ID: <b>2205642-004AMS</b>	SampType: <b>MS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>624-10</b>	Batch ID: <b>67534</b>	RunNo: <b>88121</b>								
Prep Date: <b>5/18/2022</b>	Analysis Date: <b>5/19/2022</b>	SeqNo: <b>3124128</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	10	1.0	10.00	0.7000	93.8	75	125			

Sample ID: <b>2205642-004AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>624-10</b>	Batch ID: <b>67534</b>	RunNo: <b>88121</b>								
Prep Date: <b>5/18/2022</b>	Analysis Date: <b>5/19/2022</b>	SeqNo: <b>3124129</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.9	1.0	10.00	0.7000	92.4	75	125	1.40	20	

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# Sample Log-In Check List

Client Name: EA Engineering

Work Order Number: 2205642

RcptNo: 1

Received By: Juan Rojas

5/13/2022 8:55:00 AM

*Juan Rojas*

Completed By: Tracy Casarrubias

5/13/2022 10:38:16 AM

Reviewed By: *Cme*

5/13/22

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present
2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA
4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
5. Sample(s) in proper container(s)? Yes  No
6. Sufficient sample volume for indicated test(s)? Yes  No
7. Are samples (except VOA and ONG) properly preserved? Yes  No
8. Was preservative added to bottles? Yes  No  NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
10. Were any sample containers received broken? Yes  No
11. Does paperwork match bottle labels? Yes  No   
 (Note discrepancies on chain of custody)
12. Are matrices correctly identified on Chain of Custody? Yes  No
13. Is it clear what analyses were requested? Yes  No
14. Were all holding times able to be met? Yes  No   
 (If no, notify customer for authorization.)

# of preserved bottles checked for pH: 4  
 (<2 or >12 unless noted)  
 Adjusted? NO  
 Checked by: JR 5/13/22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.1	Good	Not Present			

# Chain-of-Custody Record

Client: \_\_\_\_\_  
 EA Engineering, Science, and Technology  
 Mailing Address: \_\_\_\_\_  
 320 Gold Ave SW Suite \_\_\_\_\_  
 Phone #: 505-715-4279  
 email or Fax#: rnullen@eaest.com  
 QA/QC Package: \_\_\_\_\_  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other  
 EDD (Type) \_\_\_\_\_

Turn-Around Time: \_\_\_\_\_  
 Standard  Rush  
 Project Name: \_\_\_\_\_  
 Dominguez Dairy 1  
 Project #: \_\_\_\_\_  
 Project Manager: \_\_\_\_\_  
 Gina Mullen  
 Sampler: Angel Nieto Rivera  
 On Ice:  Yes  No  
 # of Coolers: \_\_\_\_\_  
 Cooler Temp (including CF): 94.2 = 2.1

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
5-12	9:52	GW	624-11	2		2205642
5-12	11:20	GW	624-01	2		001
5-12	12:55	GW	624-02	2		002
5-12	14:44	GW	624-10	2		003
						004

Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished by: *Chad W.A.*  
 Date: 5-12 16:30  
 Relinquished by: \_\_\_\_\_  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Received by: *[Signature]* Date: 5/13/12 8:55  
 Via: FedEx  
 Received by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Via: \_\_\_\_\_



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**  
 www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur
X	X	X	X		
X	X	X			
X	X	X			
X	X	X			

Remarks: \_\_\_\_\_

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

May 25, 2022

Regina Mullen

EA Engineering Alb  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX:

RE: Dominguez Dairy 1

OrderNo.: 2205675

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/14/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205675

Date Reported: 5/25/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 624-09

**Project:** Dominguez Dairy 1

**Collection Date:** 5/13/2022 9:56:00 AM

**Lab ID:** 2205675-001

**Matrix:** GROUNDWA

**Received Date:** 5/14/2022 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	270	50	*	mg/L	100	5/16/2022 4:49:04 PM	R88043
Nitrate+Nitrite as N	2.4	1.0		mg/L	5	5/16/2022 9:20:41 PM	R88043
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	1700	100	*D	mg/L	1	5/19/2022 4:49:00 PM	67537
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	1.7	1.0		mg/L	1	5/19/2022 9:41:00 AM	67534

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205675

25-May-22

Client: EA Engineering Alb

Project: Dominguez Dairy 1

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88043</b>	RunNo: <b>88043</b>								
Prep Date:	Analysis Date: <b>5/16/2022</b>	SeqNo: <b>3120955</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrate+Nitrite as N	ND	0.20								

Sample ID: <b>LCS</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88043</b>	RunNo: <b>88043</b>								
Prep Date:	Analysis Date: <b>5/16/2022</b>	SeqNo: <b>3120957</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.6	0.50	5.000	0	93.0	90	110			
Nitrate+Nitrite as N	3.5	0.20	3.500	0	100	90	110			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		



# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205675

25-May-22

Client: EA Engineering Alb

Project: Dominguez Dairy 1

Sample ID: <b>MB-67537</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67537</b>	RunNo: <b>88140</b>								
Prep Date: <b>5/18/2022</b>	Analysis Date: <b>5/19/2022</b>	SeqNo: <b>3124560</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67537</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67537</b>	RunNo: <b>88140</b>								
Prep Date: <b>5/18/2022</b>	Analysis Date: <b>5/19/2022</b>	SeqNo: <b>3124561</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1030	20.0	1000	0	103	80	120			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205675

25-May-22

**Client:** EA Engineering Alb

**Project:** Dominguez Dairy 1

Sample ID: <b>MB-67534</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67534</b>	RunNo: <b>88121</b>								
Prep Date: <b>5/18/2022</b>	Analysis Date: <b>5/19/2022</b>	SeqNo: <b>3124119</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67534</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67534</b>	RunNo: <b>88121</b>								
Prep Date: <b>5/18/2022</b>	Analysis Date: <b>5/19/2022</b>	SeqNo: <b>3124120</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.8	1.0	10.00	0	98.0	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

**Sample Log-In Check List**

Client Name: EA Engineering

Work Order Number: 2205675

RcptNo: 1

Received By: Sean Livingston

5/14/2022 10:30:00 AM

*Sean Livingston*

Completed By: Sean Livingston

5/14/2022 11:40:41 AM

*Sean Livingston*

Reviewed By:

*jn 5/16/22*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present
2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA
4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
5. Sample(s) in proper container(s)? Yes  No
6. Sufficient sample volume for indicated test(s)? Yes  No
7. Are samples (except VOA and ONG) properly preserved? Yes  No
8. Was preservative added to bottles? Yes  No  NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
10. Were any sample containers received broken? Yes  No
11. Does paperwork match bottle labels?  
 (Note discrepancies on chain of custody) Yes  No
12. Are matrices correctly identified on Chain of Custody? Yes  No
13. Is it clear what analyses were requested? Yes  No
14. Were all holding times able to be met?  
 (If no, notify customer for authorization.) Yes  No

# of preserved bottles checked for pH: 1  
 (<2 or >12 unless noted)  
 Adjusted? no  
 Checked by: cmc 5/16/22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

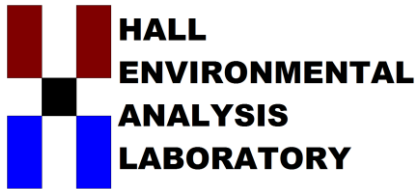
Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.5	Good				





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

May 25, 2022

Regina Mullen

EA Engineering Alb  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX:

RE: Buena Vista 2

OrderNo.: 2205676

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 3 sample(s) on 5/14/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205676

Date Reported: 5/25/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 74-03

**Project:** Buena Vista 2

**Collection Date:** 5/13/2022 10:53:00 AM

**Lab ID:** 2205676-001

**Matrix:** GROUNDWA

**Received Date:** 5/14/2022 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	200	50		mg/L	100	5/16/2022 3:34:59 PM	R88043
Nitrate+Nitrite as N	ND	1.0		mg/L	5	5/16/2022 8:43:37 PM	R88043
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	1240	100	*D	mg/L	1	5/20/2022 12:40:00 PM	67567
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	5/19/2022 9:41:00 AM	67534

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205676

Date Reported: 5/25/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 74-02

**Project:** Buena Vista 2

**Collection Date:** 5/13/2022 11:45:00 AM

**Lab ID:** 2205676-002

**Matrix:** GROUNDWA

**Received Date:** 5/14/2022 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	630	50	*	mg/L	100	5/16/2022 3:59:41 PM	R88043
Nitrate+Nitrite as N	ND	1.0		mg/L	5	5/16/2022 8:55:58 PM	R88043
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	2430	100	*D	mg/L	1	5/20/2022 12:40:00 PM	67567
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	2.2	1.0		mg/L	1	5/19/2022 9:41:00 AM	67534

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205676

Date Reported: 5/25/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 74-01

**Project:** Buena Vista 2

**Collection Date:** 5/13/2022 2:05:00 PM

**Lab ID:** 2205676-003

**Matrix:** GROUNDWA

**Received Date:** 5/14/2022 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	780	50	*	mg/L	100	5/16/2022 4:24:23 PM	R88043
Nitrate+Nitrite as N	15	1.0	*	mg/L	5	5/16/2022 9:08:19 PM	R88043
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	3020	40.0	*D	mg/L	1	5/20/2022 12:40:00 PM	67567
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	2.0	D	mg/L	1	5/19/2022 9:41:00 AM	67534

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		



# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205676

25-May-22

Client: EA Engineering Alb

Project: Buena Vista 2

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88043</b>	RunNo: <b>88043</b>								
Prep Date:	Analysis Date: <b>5/16/2022</b>	SeqNo: <b>3120955</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrate+Nitrite as N	ND	0.20								

Sample ID: <b>LCS</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88043</b>	RunNo: <b>88043</b>								
Prep Date:	Analysis Date: <b>5/16/2022</b>	SeqNo: <b>3120957</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.6	0.50	5.000	0	93.0	90	110			
Nitrate+Nitrite as N	3.5	0.20	3.500	0	100	90	110			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205676

25-May-22

Client: EA Engineering Alb

Project: Buena Vista 2

Sample ID: <b>MB-67567</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67567</b>	RunNo: <b>88158</b>								
Prep Date: <b>5/19/2022</b>	Analysis Date: <b>5/20/2022</b>	SeqNo: <b>3125468</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67567</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67567</b>	RunNo: <b>88158</b>								
Prep Date: <b>5/19/2022</b>	Analysis Date: <b>5/20/2022</b>	SeqNo: <b>3125469</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1010	20.0	1000	0	101	80	120			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205676

25-May-22

Client: EA Engineering Alb

Project: Buena Vista 2

Sample ID: <b>MB-67534</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67534</b>	RunNo: <b>88121</b>								
Prep Date: <b>5/18/2022</b>	Analysis Date: <b>5/19/2022</b>	SeqNo: <b>3124119</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67534</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67534</b>	RunNo: <b>88121</b>								
Prep Date: <b>5/18/2022</b>	Analysis Date: <b>5/19/2022</b>	SeqNo: <b>3124120</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.8	1.0	10.00	0	98.0	80	120			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

**Sample Log-In Check List**

Client Name: EA Engineering      Work Order Number: 2205676      RcptNo: 1

Received By: Sean Livingston      5/14/2022 10:30:00 AM

*Sean Livingston*

Completed By: Sean Livingston      5/14/2022 11:42:53 AM

*Sean Livingston*

Reviewed By: *Justin* 5/16/22

**Chain of Custody**

1. Is Chain of Custody complete?      Yes       No       Not Present
2. How was the sample delivered?      FedEx

**Log In**

3. Was an attempt made to cool the samples?      Yes       No       NA
4. Were all samples received at a temperature of >0° C to 6.0°C      Yes       No       NA
5. Sample(s) in proper container(s)?      Yes       No
6. Sufficient sample volume for indicated test(s)?      Yes       No
7. Are samples (except VOA and ONG) properly preserved?      Yes       No
8. Was preservative added to bottles?      Yes       No       NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA?      Yes       No       NA
10. Were any sample containers received broken?      Yes       No
11. Does paperwork match bottle labels?  
 (Note discrepancies on chain of custody)      Yes       No
12. Are matrices correctly identified on Chain of Custody?      Yes       No
13. Is it clear what analyses were requested?      Yes       No
14. Were all holding times able to be met?  
 (If no, notify customer for authorization.)      Yes       No

# of preserved bottles checked for pH: (3)  
 (<2 or >12 unless noted)  
 Adjusted? no  
 Checked by: *CMC 5/16/22*

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order?      Yes       No       NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.5	Good				

# Chain-of-Custody Record

Client:

EA Engineering, Science, and Technology  
Mailing Address:

320 Gold Ave SW Suite

Phone #: 505-715-4279

email or Fax#: rmullen@eaest.com

QA/QC Package:

Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance

NELAC  Other

EDD (Type)

Turn-Around Time:

Standard  Rush

Project Name:

Buena Vista 2

Project #:

Project Manager:

Gina Mullen

Sampler: Angel Nieto Rivera

On Ice:  Yes  No

# of Coolers: 1

Cooler Temp (including CF): 0.1 10.1 20.5 20.2

Container Type and #

Preservative Type

HEAL No. 2205076

2 001

2 002

2 003

Date: 5-13 15:51

Time: 15:51

Relinquished by: *Angel Nieto Rivera*

Date: 5-13 10:30

Time: 10:30

Relinquished by: *Sa*

Date: 5/14/22

Time: 10:30

Via: FedEx

Analysis Request

Analysis Request	Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur
	X	X	X	X			
	X	X	X	X			
	X	X	X	X			

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

May 31, 2022

Regina Mullen

EA Engineering Alb  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX:

RE: Buena Vista Dairy 2

OrderNo.: 2205723

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 2 sample(s) on 5/17/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a white background.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205723

Date Reported: 5/31/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 74-04

**Project:** Buena Vista Dairy 2

**Collection Date:** 5/16/2022 10:52:00 AM

**Lab ID:** 2205723-001

**Matrix:** AQUEOUS

**Received Date:** 5/17/2022 8:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	590	50	*	mg/L	100	5/17/2022 6:41:04 PM	R88055
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/17/2022 6:28:39 PM	R88055
Nitrogen, Nitrate (As N)	11	1.0	*	mg/L	10	5/17/2022 6:28:39 PM	R88055
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	2080	20.0	*	mg/L	1	5/24/2022 4:59:00 PM	67625
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	2.0	D	mg/L	1	5/20/2022 10:07:00 AM	67563

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205723

Date Reported: 5/31/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** 74-05

**Project:** Buena Vista Dairy 2

**Collection Date:** 5/16/2022 12:03:00 PM

**Lab ID:** 2205723-002

**Matrix:** AQUEOUS

**Received Date:** 5/17/2022 8:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	680	50	*	mg/L	100	5/17/2022 7:05:53 PM	R88055
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/17/2022 6:53:28 PM	R88055
Nitrogen, Nitrate (As N)	15	1.0	*	mg/L	10	5/17/2022 6:53:28 PM	R88055
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	2210	20.0	*	mg/L	1	5/24/2022 4:59:00 PM	67625
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	2.0	D	mg/L	1	5/20/2022 10:07:00 AM	67563

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Estimated value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix interference	



# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205723

31-May-22

Client: EA Engineering Alb

Project: Buena Vista Dairy 2

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88055</b>	RunNo: <b>88055</b>								
Prep Date:	Analysis Date: <b>5/17/2022</b>	SeqNo: <b>3122336</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								

Sample ID: <b>LCS</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88055</b>	RunNo: <b>88055</b>								
Prep Date:	Analysis Date: <b>5/17/2022</b>	SeqNo: <b>3122337</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.8	0.50	5.000	0	95.0	90	110			
Nitrogen, Nitrite (As N)	1.0	0.10	1.000	0	99.6	90	110			
Nitrogen, Nitrate (As N)	2.6	0.10	2.500	0	103	90	110			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205723

31-May-22

Client: EA Engineering Alb

Project: Buena Vista Dairy 2

Sample ID: <b>MB-67625</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67625</b>	RunNo: <b>88229</b>								
Prep Date: <b>5/23/2022</b>	Analysis Date: <b>5/24/2022</b>	SeqNo: <b>3128619</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67625</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67625</b>	RunNo: <b>88229</b>								
Prep Date: <b>5/23/2022</b>	Analysis Date: <b>5/24/2022</b>	SeqNo: <b>3128620</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1020	20.0	1000	0	102	80	120			

Sample ID: <b>2205723-001ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>74-04</b>	Batch ID: <b>67625</b>	RunNo: <b>88229</b>								
Prep Date: <b>5/23/2022</b>	Analysis Date: <b>5/24/2022</b>	SeqNo: <b>3128624</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	2070	20.0						0.0964	10	*

### Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Estimated value
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Limit
S % Recovery outside of range due to dilution or matrix interference	

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205723

31-May-22

Client: EA Engineering Alb

Project: Buena Vista Dairy 2

Sample ID: <b>MB-67563</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67563</b>	RunNo: <b>88156</b>								
Prep Date: <b>5/19/2022</b>	Analysis Date: <b>5/20/2022</b>	SeqNo: <b>3125443</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67563</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67563</b>	RunNo: <b>88156</b>								
Prep Date: <b>5/19/2022</b>	Analysis Date: <b>5/20/2022</b>	SeqNo: <b>3125444</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.9	1.0	10.00	0	99.4	80	120			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

**Sample Log-In Check List**

Client Name: EA Engineering

Work Order Number: 2205723

RcptNo: 1

Received By: Juan Rojas

5/17/2022 8:48:00 AM

*Juan Rojas*

Completed By: Tracy Casarrubias

5/17/2022 9:31:26 AM

Reviewed By: *JR 5/17/22*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present
2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA
4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
5. Sample(s) in proper container(s)? Yes  No
6. Sufficient sample volume for indicated test(s)? Yes  No
7. Are samples (except VOA and ONG) properly preserved? Yes  No
8. Was preservative added to bottles? Yes  No  NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
10. Were any sample containers received broken? Yes  No
11. Does paperwork match bottle labels?  
 (Note discrepancies on chain of custody) Yes  No
12. Are matrices correctly identified on Chain of Custody? Yes  No
13. Is it clear what analyses were requested? Yes  No
14. Were all holding times able to be met?  
 (If no, notify customer for authorization.) Yes  No

# of preserved bottles checked for pH: 2  
 (<2 or >12 unless noted)

Adjusted? NO

Checked by: KPA 5.17.22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	_____	Date:	_____
By Whom:	_____	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	_____		
Client Instructions:	_____		

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.1	Good	Not Present			





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

May 31, 2022

Regina Mullen

EA Engineering

320 Gold Ave SW Suite 1210

Albuquerque, NM 87102

TEL:

FAX:

RE: Big Sky Dairy

OrderNo.: 2205725

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 2 sample(s) on 5/17/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205725

Date Reported: 5/31/2022

**CLIENT:** EA Engineering

**Client Sample ID:** 833-06

**Project:** Big Sky Dairy

**Collection Date:** 5/16/2022 1:55:00 PM

**Lab ID:** 2205725-001

**Matrix:** AQUEOUS

**Received Date:** 5/17/2022 8:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	890	50	*	mg/L	100	5/17/2022 5:51:26 PM	R88055
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/17/2022 5:39:01 PM	R88055
Nitrogen, Nitrate (As N)	44	1.0	*	mg/L	10	5/17/2022 5:39:01 PM	R88055
Sulfate	470	50	*	mg/L	100	5/17/2022 5:51:26 PM	R88055
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	2840	20.0	*	mg/L	1	5/24/2022 4:59:00 PM	67625
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	5/20/2022 10:07:00 AM	67563

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205725

Date Reported: 5/31/2022

CLIENT: EA Engineering

Client Sample ID: 833-04

Project: Big Sky Dairy

Collection Date: 5/16/2022 3:00:00 PM

Lab ID: 2205725-002

Matrix: AQUEOUS

Received Date: 5/17/2022 8:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	950	50	*	mg/L	100	5/17/2022 6:16:14 PM	R88055
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/17/2022 6:03:50 PM	R88055
Nitrogen, Nitrate (As N)	36	1.0	*	mg/L	10	5/17/2022 6:03:50 PM	R88055
Sulfate	550	50	*	mg/L	100	5/17/2022 6:16:14 PM	R88055
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	3000	20.0	*	mg/L	1	5/24/2022 4:59:00 PM	67625
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	5/20/2022 10:07:00 AM	67563

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Estimated value
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix interference	



# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205725

31-May-22

Client: EA Engineering

Project: Big Sky Dairy

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88055</b>	RunNo: <b>88055</b>								
Prep Date:	Analysis Date: <b>5/17/2022</b>	SeqNo: <b>3122336</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID: <b>LCS</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88055</b>	RunNo: <b>88055</b>								
Prep Date:	Analysis Date: <b>5/17/2022</b>	SeqNo: <b>3122337</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.8	0.50	5.000	0	95.0	90	110			
Nitrogen, Nitrite (As N)	1.0	0.10	1.000	0	99.6	90	110			
Nitrogen, Nitrate (As N)	2.6	0.10	2.500	0	103	90	110			
Sulfate	10	0.50	10.00	0	103	90	110			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205725

31-May-22

Client: EA Engineering

Project: Big Sky Dairy

Sample ID: <b>MB-67625</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67625</b>	RunNo: <b>88229</b>								
Prep Date: <b>5/23/2022</b>	Analysis Date: <b>5/24/2022</b>	SeqNo: <b>3128619</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67625</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67625</b>	RunNo: <b>88229</b>								
Prep Date: <b>5/23/2022</b>	Analysis Date: <b>5/24/2022</b>	SeqNo: <b>3128620</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1020	20.0	1000	0	102	80	120			

### Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Estimated value
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Limit
S % Recovery outside of range due to dilution or matrix interference	

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205725

31-May-22

Client: EA Engineering

Project: Big Sky Dairy

Sample ID: <b>MB-67563</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67563</b>	RunNo: <b>88156</b>								
Prep Date: <b>5/19/2022</b>	Analysis Date: <b>5/20/2022</b>	SeqNo: <b>3125443</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67563</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67563</b>	RunNo: <b>88156</b>								
Prep Date: <b>5/19/2022</b>	Analysis Date: <b>5/20/2022</b>	SeqNo: <b>3125444</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.9	1.0	10.00	0	99.4	80	120			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

**Sample Log-In Check List**

Client Name: EA Engineering

Work Order Number: 2205725

RcptNo: 1

Received By: Juan Rojas

5/17/2022 8:48:00 AM

*Juan Rojas*

Completed By: Tracy Casarrubias

5/17/2022 9:45:27 AM

Reviewed By: *JR 5/17/22*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present
2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA
4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
5. Sample(s) in proper container(s)? Yes  No
6. Sufficient sample volume for indicated test(s)? Yes  No
7. Are samples (except VOA and ONG) properly preserved? Yes  No
8. Was preservative added to bottles? Yes  No  NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
10. Were any sample containers received broken? Yes  No
11. Does paperwork match bottle labels?  
 (Note discrepancies on chain of custody) Yes  No
12. Are matrices correctly identified on Chain of Custody? Yes  No
13. Is it clear what analyses were requested? Yes  No
14. Were all holding times able to be met?  
 (If no, notify customer for authorization.) Yes  No

# of preserved bottles checked for pH: *7*  
 Adjusted? *NO* (*<2 or >12 unless noted*)  
 Checked by: *KPG 5-17-22*

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.1	Good	Not Present			





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 07, 2022

Regina Mullen

EA Engineering

320 Gold Ave SW Suite 1210

Albuquerque, NM 87102

TEL:

FAX:

RE: Big Sky Dairy

OrderNo.: 2205882

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 4 sample(s) on 5/19/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written in a cursive style.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205882

Date Reported: 6/7/2022

**CLIENT:** EA Engineering

**Client Sample ID:** 833-02

**Project:** Big Sky Dairy

**Collection Date:** 5/18/2022 10:25:00 AM

**Lab ID:** 2205882-001

**Matrix:** AQUEOUS

**Received Date:** 5/19/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	1400	50	*	mg/L	100	5/19/2022 6:37:23 PM	R88150
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/19/2022 6:24:59 PM	R88150
Nitrogen, Nitrate (As N)	36	1.0	*	mg/L	10	5/19/2022 6:24:59 PM	R88150
Sulfate	660	50	*	mg/L	100	5/19/2022 6:37:23 PM	R88150
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	4030	20.0	*	mg/L	1	5/26/2022 1:10:00 PM	67685
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	5/24/2022 2:31:00 PM	67651

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205882

Date Reported: 6/7/2022

**CLIENT:** EA Engineering

**Client Sample ID:** 833-08

**Project:** Big Sky Dairy

**Collection Date:** 5/18/2022 11:36:00 AM

**Lab ID:** 2205882-002

**Matrix:** AQUEOUS

**Received Date:** 5/19/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	1200	50	*	mg/L	100	5/19/2022 7:51:49 PM	R88150
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/19/2022 7:39:25 PM	R88150
Nitrogen, Nitrate (As N)	45	1.0	*	mg/L	10	5/19/2022 7:39:25 PM	R88150
Sulfate	550	50	*	mg/L	100	5/19/2022 7:51:49 PM	R88150
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	3740	20.0	*	mg/L	1	5/26/2022 1:10:00 PM	67685
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	5/24/2022 2:31:00 PM	67651

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		



# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205882

Date Reported: 6/7/2022

**CLIENT:** EA Engineering

**Client Sample ID:** 833-07

**Project:** Big Sky Dairy

**Collection Date:** 5/18/2022 1:20:00 PM

**Lab ID:** 2205882-003

**Matrix:** AQUEOUS

**Received Date:** 5/19/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	1100	50	*	mg/L	100	5/19/2022 8:16:37 PM	R88150
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/19/2022 8:04:13 PM	R88150
Nitrogen, Nitrate (As N)	92	10	*	mg/L	100	5/19/2022 8:16:37 PM	R88150
Sulfate	710	50	*	mg/L	100	5/19/2022 8:16:37 PM	R88150
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	4170	20.0	*	mg/L	1	5/26/2022 1:10:00 PM	67685
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	5/24/2022 2:31:00 PM	67651

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205882

Date Reported: 6/7/2022

**CLIENT:** EA Engineering

**Client Sample ID:** 833-05

**Project:** Big Sky Dairy

**Collection Date:** 5/18/2022 2:57:00 PM

**Lab ID:** 2205882-004

**Matrix:** AQUEOUS

**Received Date:** 5/19/2022 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	1200	50	*	mg/L	100	5/19/2022 8:41:25 PM	R88150
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/19/2022 8:29:01 PM	R88150
Nitrogen, Nitrate (As N)	32	1.0	*	mg/L	10	5/19/2022 8:29:01 PM	R88150
Sulfate	470	50	*	mg/L	100	5/19/2022 8:41:25 PM	R88150
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	3500	20.0	*	mg/L	1	5/26/2022 1:10:00 PM	67685
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	5/24/2022 2:31:00 PM	67651

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205882

07-Jun-22

**Client:** EA Engineering  
**Project:** Big Sky Dairy

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88150</b>	RunNo: <b>88150</b>								
Prep Date:	Analysis Date: <b>5/19/2022</b>	SeqNo: <b>3125148</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID: <b>LCS</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88150</b>	RunNo: <b>88150</b>								
Prep Date:	Analysis Date: <b>5/19/2022</b>	SeqNo: <b>3125149</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	94.4	90	110			
Nitrogen, Nitrite (As N)	0.99	0.10	1.000	0	99.2	90	110			
Nitrogen, Nitrate (As N)	2.6	0.10	2.500	0	102	90	110			
Sulfate	10	0.50	10.00	0	102	90	110			

Sample ID: <b>2205882-001AMS</b>	SampType: <b>ms</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>833-02</b>	Batch ID: <b>R88150</b>	RunNo: <b>88150</b>								
Prep Date:	Analysis Date: <b>5/19/2022</b>	SeqNo: <b>3125170</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	9.1	1.0	10.00	0	90.7	83.4	105			
Nitrogen, Nitrate (As N)	63	1.0	25.00	35.88	108	93.5	110			

Sample ID: <b>2205882-001AMSD</b>	SampType: <b>msd</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>833-02</b>	Batch ID: <b>R88150</b>	RunNo: <b>88150</b>								
Prep Date:	Analysis Date: <b>5/19/2022</b>	SeqNo: <b>3125171</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	9.0	1.0	10.00	0	90.3	83.4	105	0.519	20	
Nitrogen, Nitrate (As N)	62	1.0	25.00	35.88	106	93.5	110	0.699	20	

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205882

07-Jun-22

**Client:** EA Engineering

**Project:** Big Sky Dairy

Sample ID: <b>MB-67685</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67685</b>	RunNo: <b>88291</b>								
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3131291</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67685</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67685</b>	RunNo: <b>88291</b>								
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3131292</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1050	20.0	1000	0	105	80	120			

Sample ID: <b>2205882-002ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>833-08</b>	Batch ID: <b>67685</b>	RunNo: <b>88291</b>								
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3131295</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	3740	20.0						0.0267	10	*

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205882

07-Jun-22

**Client:** EA Engineering

**Project:** Big Sky Dairy

Sample ID: <b>MB-67651</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67651</b>	RunNo: <b>88228</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/24/2022</b>	SeqNo: <b>3128597</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67651</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67651</b>	RunNo: <b>88228</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/24/2022</b>	SeqNo: <b>3128598</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.8	1.0	10.00	0	98.0	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

**Sample Log-In Check List**

Client Name: EA Engineering

Work Order Number: 2205882

RcptNo: 1

Received By: Tracy Casarrubias 5/19/2022 8:45:00 AM

Completed By: Tracy Casarrubias 5/19/2022 9:03:26 AM

Reviewed By: *JA 5/19/22*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present   
 2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA   
 4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA   
 5. Sample(s) in proper container(s)? Yes  No   
 6. Sufficient sample volume for indicated test(s)? Yes  No   
 7. Are samples (except VOA and ONG) properly preserved? Yes  No   
 8. Was preservative added to bottles? Yes  No  NA   
 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA   
 10. Were any sample containers received broken? Yes  No   
 11. Does paperwork match bottle labels? Yes  No   
 (Note discrepancies on chain of custody)  
 12. Are matrices correctly identified on Chain of Custody? Yes  No   
 13. Is it clear what analyses were requested? Yes  No   
 14. Were all holding times able to be met? Yes  No   
 (If no, notify customer for authorization.)

# of preserved bottles checked for pH: 4  
 Adjusted? NO (2 or >12 unless noted)  
 Checked by: KPG 5-19-22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

16. Additional remarks:

**Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.7	Good	Not Present			





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 03, 2022

Regina Mullen

EA Engineering

320 Gold Ave SW Suite 1210

Albuquerque, NM 87102

TEL:

FAX:

RE: Big Sky Dairy

OrderNo.: 2205943

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 2 sample(s) on 5/20/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109



# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205943

Date Reported: 6/3/2022

**CLIENT:** EA Engineering

**Client Sample ID:** 833-09

**Project:** Big Sky Dairy

**Collection Date:** 5/19/2022 11:05:00 AM

**Lab ID:** 2205943-001

**Matrix:** AQUEOUS

**Received Date:** 5/20/2022 10:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	1000	50	*	mg/L	100	5/20/2022 4:25:21 PM	R88185
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/20/2022 4:12:56 PM	R88185
Nitrogen, Nitrate (As N)	190	10	*	mg/L	100	5/20/2022 4:25:21 PM	R88185
Sulfate	950	50	*	mg/L	100	5/20/2022 4:25:21 PM	R88185
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	4700	20.0	*	mg/L	1	5/26/2022 4:37:00 PM	67689
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	5/25/2022 10:23:00 AM	67652

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report  
 Lab Order 2205943  
 Date Reported: 6/3/2022

**CLIENT:** EA Engineering

**Client Sample ID:** 833-10

**Project:** Big Sky Dairy

**Collection Date:** 5/19/2022 12:41:00 PM

**Lab ID:** 2205943-002

**Matrix:** AQUEOUS

**Received Date:** 5/20/2022 10:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	740	50	*	mg/L	100	5/20/2022 4:50:10 PM	R88185
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/20/2022 4:37:45 PM	R88185
Nitrogen, Nitrate (As N)	1.5	1.0		mg/L	10	5/20/2022 4:37:45 PM	R88185
Sulfate	490	50	*	mg/L	100	5/20/2022 4:50:10 PM	R88185
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	2870	20.0	*	mg/L	1	5/26/2022 4:37:00 PM	67689
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	5/25/2022 10:23:00 AM	67652

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205943

03-Jun-22

**Client:** EA Engineering  
**Project:** Big Sky Dairy

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88185</b>	RunNo: <b>88185</b>								
Prep Date:	Analysis Date: <b>5/20/2022</b>	SeqNo: <b>3126212</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID: <b>LCS</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88185</b>	RunNo: <b>88185</b>								
Prep Date:	Analysis Date: <b>5/20/2022</b>	SeqNo: <b>3126213</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Chloride	4.7	0.50	5.000	0	94.3	90	110			
Nitrogen, Nitrite (As N)	0.99	0.10	1.000	0	99.5	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	102	90	110			
Sulfate	10	0.50	10.00	0	102	90	110			

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88185</b>	RunNo: <b>88185</b>								
Prep Date:	Analysis Date: <b>5/20/2022</b>	SeqNo: <b>3126258</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID: <b>LCS</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88185</b>	RunNo: <b>88185</b>								
Prep Date:	Analysis Date: <b>5/20/2022</b>	SeqNo: <b>3126259</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Chloride	4.8	0.50	5.000	0	95.3	90	110			
Nitrogen, Nitrite (As N)	1.0	0.10	1.000	0	100	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	102	90	110			
Sulfate	11	0.50	10.00	0	106	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205943

03-Jun-22

**Client:** EA Engineering  
**Project:** Big Sky Dairy

Sample ID: <b>MB-67689</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67689</b>	RunNo: <b>88309</b>								
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3131659</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67689</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67689</b>	RunNo: <b>88309</b>								
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3131660</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1050	20.0	1000	0	105	80	120			

Sample ID: <b>2205943-001ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>833-09</b>	Batch ID: <b>67689</b>	RunNo: <b>88309</b>								
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3131670</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	4670	20.0						0.662	10	*

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205943

03-Jun-22

**Client:** EA Engineering

**Project:** Big Sky Dairy

Sample ID: <b>MB-67652</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67652</b>	RunNo: <b>88256</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3129754</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67652</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67652</b>	RunNo: <b>88256</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3129755</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.8	1.0	10.00	0	98.0	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

Client Name: EA Engineering

Work Order Number: 2205943

RcptNo: 1

Received By: Juan Rojas

5/20/2022 10:27:00 AM

*Juan Rojas*

Completed By: Tracy Casarrubias

5/20/2022 11:18:26 AM

Reviewed By: *see 5/20/22*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present
2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA
4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
5. Sample(s) in proper container(s)? Samples not Frozen  
Yes  No
6. Sufficient sample volume for indicated test(s)? Yes  No
7. Are samples (except VOA and ONG) properly preserved? Yes  No
8. Was preservative added to bottles? Yes  No  NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
10. Were any sample containers received broken? Yes  No
11. Does paperwork match bottle labels?  
(Note discrepancies on chain of custody) Yes  No
12. Are matrices correctly identified on Chain of Custody? Yes  No
13. Is it clear what analyses were requested? Yes  No
14. Were all holding times able to be met?  
(If no, notify customer for authorization.) Yes  No

# of preserved bottles checked for pH: 3  
(<2 or >12 unless noted)  
Adjusted? NO  
Checked by: *see 5/20/22*

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
Regarding: \_\_\_\_\_  
Client Instructions: \_\_\_\_\_

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	-1.6	Good	Not Present			





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 03, 2022

Regina Mullen

EA Engineering

320 Gold Ave SW Suite 1210

Albuquerque, NM 87102

TEL:

FAX:

RE: Sunset Dairy

OrderNo.: 2205945

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 2 sample(s) on 5/20/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written in a cursive style.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109



# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205945

Date Reported: 6/3/2022

**CLIENT:** EA Engineering

**Client Sample ID:** 257-02

**Project:** Sunset Dairy

**Collection Date:** 5/19/2022 2:12:00 PM

**Lab ID:** 2205945-001

**Matrix:** AQUEOUS

**Received Date:** 5/20/2022 10:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	730	50	*	mg/L	100	5/20/2022 5:14:58 PM	R88185
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/20/2022 5:02:34 PM	R88185
Nitrogen, Nitrate (As N)	6.9	1.0		mg/L	10	5/20/2022 5:02:34 PM	R88185
Sulfate	500	50	*	mg/L	100	5/20/2022 5:14:58 PM	R88185
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	2760	20.0	*	mg/L	1	5/26/2022 4:37:00 PM	67689
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	5/25/2022 10:23:00 AM	67652

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205945

Date Reported: 6/3/2022

**CLIENT:** EA Engineering

**Client Sample ID:** 257-01

**Project:** Sunset Dairy

**Collection Date:** 5/19/2022 3:00:00 PM

**Lab ID:** 2205945-002

**Matrix:** AQUEOUS

**Received Date:** 5/20/2022 10:27:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	1100	50	*	mg/L	100	5/20/2022 6:04:35 PM	R88185
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	5/20/2022 5:52:11 PM	R88185
Nitrogen, Nitrate (As N)	33	1.0	*	mg/L	10	5/20/2022 5:52:11 PM	R88185
Sulfate	810	50	*	mg/L	100	5/20/2022 6:04:35 PM	R88185
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	3700	200	*D	mg/L	1	5/26/2022 4:37:00 PM	67689
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	5/25/2022 10:23:00 AM	67652

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205945

03-Jun-22

**Client:** EA Engineering  
**Project:** Sunset Dairy

Sample ID: **MB**                      SampType: **mblk**                      TestCode: **EPA Method 300.0: Anions**  
 Client ID: **PBW**                      Batch ID: **R88185**                      RunNo: **88185**  
 Prep Date:                      Analysis Date: **5/20/2022**                      SeqNo: **3126212**                      Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID: **LCS**                      SampType: **ics**                      TestCode: **EPA Method 300.0: Anions**  
 Client ID: **LCSW**                      Batch ID: **R88185**                      RunNo: **88185**  
 Prep Date:                      Analysis Date: **5/20/2022**                      SeqNo: **3126213**                      Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	94.3	90	110			
Nitrogen, Nitrite (As N)	0.99	0.10	1.000	0	99.5	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	102	90	110			
Sulfate	10	0.50	10.00	0	102	90	110			

Sample ID: **MB**                      SampType: **mblk**                      TestCode: **EPA Method 300.0: Anions**  
 Client ID: **PBW**                      Batch ID: **R88185**                      RunNo: **88185**  
 Prep Date:                      Analysis Date: **5/20/2022**                      SeqNo: **3126258**                      Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID: **LCS**                      SampType: **ics**                      TestCode: **EPA Method 300.0: Anions**  
 Client ID: **LCSW**                      Batch ID: **R88185**                      RunNo: **88185**  
 Prep Date:                      Analysis Date: **5/20/2022**                      SeqNo: **3126259**                      Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.8	0.50	5.000	0	95.3	90	110			
Nitrogen, Nitrite (As N)	1.0	0.10	1.000	0	100	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	102	90	110			
Sulfate	11	0.50	10.00	0	106	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205945

03-Jun-22

**Client:** EA Engineering

**Project:** Sunset Dairy

Sample ID: <b>MB-67689</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67689</b>	RunNo: <b>88309</b>								
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3131659</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67689</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67689</b>	RunNo: <b>88309</b>								
Prep Date: <b>5/25/2022</b>	Analysis Date: <b>5/26/2022</b>	SeqNo: <b>3131660</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1050	20.0	1000	0	105	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205945

03-Jun-22

**Client:** EA Engineering  
**Project:** Sunset Dairy

Sample ID: <b>MB-67652</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67652</b>	RunNo: <b>88256</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3129754</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67652</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67652</b>	RunNo: <b>88256</b>								
Prep Date: <b>5/24/2022</b>	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3129755</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.8	1.0	10.00	0	98.0	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

**Sample Log-In Check List**

Client Name: EA Engineering Work Order Number: 2205945 RcptNo: 1

Received By: Juan Rojas 5/20/2022 10:27:00 AM *Juan Rojas*

Completed By: Tracy Casarrubias 5/20/2022 11:29:15 AM

Reviewed By: *SEC 5/20/22*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present   
 2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA   
 4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA   
Samples not Frozen  
 5. Sample(s) in proper container(s)? Yes  No   
 6. Sufficient sample volume for indicated test(s)? Yes  No   
 7. Are samples (except VOA and ONG) properly preserved? Yes  No   
 8. Was preservative added to bottles? Yes  No  NA   
 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA   
 10. Were any sample containers received broken? Yes  No   
 11. Does paperwork match bottle labels? Yes  No   
 (Note discrepancies on chain of custody)  
 12. Are matrices correctly identified on Chain of Custody? Yes  No   
 13. Is it clear what analyses were requested? Yes  No   
 14. Were all holding times able to be met? Yes  No   
 (If no, notify customer for authorization.)

# of preserved bottles checked for pH: 3  
 (<2 or >12 unless noted)  
 Adjusted? No  
 Checked by: SEC 5/20/22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	-1.6	Good	Not Present			





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 06, 2022

Regina Mullen

EA Engineering

320 Gold Ave SW Suite 1210

Albuquerque, NM 87102

TEL:

FAX:

RE: Sunset Dairy

OrderNo.: 2205993

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/21/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written in a cursive style.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109



# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205993

Date Reported: 6/6/2022

**CLIENT:** EA Engineering

**Client Sample ID:** MW-4

**Project:** Sunset Dairy

**Collection Date:** 5/20/2022 10:08:00 AM

**Lab ID:** 2205993-001

**Matrix:** GROUNDWA

**Received Date:** 5/21/2022 12:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	1300	50	*	mg/L	100	5/24/2022 10:17:14 PM	R88239
Sulfate	940	50	*	mg/L	100	5/24/2022 10:17:14 PM	R88239
Nitrate+Nitrite as N	1.5	1.0		mg/L	5	5/24/2022 10:54:27 PM	R88239
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>JMT</b>
Total Dissolved Solids	4170	100	*D	mg/L	1	5/27/2022 1:57:00 PM	67715
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	5/27/2022 10:08:00 AM	67714

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205993

06-Jun-22

**Client:** EA Engineering

**Project:** Sunset Dairy

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88239</b>	RunNo: <b>88239</b>								
Prep Date:	Analysis Date: <b>5/24/2022</b>	SeqNo: <b>3129154</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Sulfate	ND	0.50								
Nitrate+Nitrite as N	ND	0.20								

Sample ID: <b>LCS</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88239</b>	RunNo: <b>88239</b>								
Prep Date:	Analysis Date: <b>5/24/2022</b>	SeqNo: <b>3129155</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	93.6	90	110			
Sulfate	10	0.50	10.00	0	102	90	110			
Nitrate+Nitrite as N	3.5	0.20	3.500	0	101	90	110			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205993

06-Jun-22

**Client:** EA Engineering  
**Project:** Sunset Dairy

Sample ID: <b>MB-67715</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67715</b>	RunNo: <b>88335</b>								
Prep Date: <b>5/26/2022</b>	Analysis Date: <b>5/27/2022</b>	SeqNo: <b>3133065</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67715</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67715</b>	RunNo: <b>88335</b>								
Prep Date: <b>5/26/2022</b>	Analysis Date: <b>5/27/2022</b>	SeqNo: <b>3133066</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1040	20.0	1000	0	104	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205993

06-Jun-22

**Client:** EA Engineering  
**Project:** Sunset Dairy

Sample ID: <b>MB-67714</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67714</b>	RunNo: <b>88328</b>								
Prep Date: <b>5/26/2022</b>	Analysis Date: <b>5/27/2022</b>	SeqNo: <b>3132889</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67714</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67714</b>	RunNo: <b>88328</b>								
Prep Date: <b>5/26/2022</b>	Analysis Date: <b>5/27/2022</b>	SeqNo: <b>3132890</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.9	1.0	10.00	0	99.4	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# Sample Log-In Check List

Client Name: EA Engineering

Work Order Number: 2205993

RcptNo: 1

Received By: Tracy Casarrubias 5/21/2022 12:30:00 PM

Completed By: Tracy Casarrubias 5/23/2022 8:32:07 AM

Reviewed By: *JN 5/23/22*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present
2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA
4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
5. Sample(s) in proper container(s)? Samples not Frozen  
 Yes  No
6. Sufficient sample volume for indicated test(s)? Yes  No
7. Are samples (except VOA and ONG) properly preserved? Yes  No
8. Was preservative added to bottles? Yes  No  NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
10. Were any sample containers received broken? Yes  No
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes  No
12. Are matrices correctly identified on Chain of Custody? Yes  No
13. Is it clear what analyses were requested? Yes  No
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes  No

# of preserved bottles checked for pH: 1  
 (<2 or >12 unless noted)  
 Adjusted? N/A  
 Checked by: KPG 5.23.22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	-0.7	Good	Not Present			





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 09, 2022

Regina Mullen  
EA Engineering  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX:

RE: Del Oro Dairy

OrderNo.: 2205994

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 4 sample(s) on 5/21/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205994

Date Reported: 6/9/2022

**CLIENT:** EA Engineering

**Client Sample ID:** 692-02

**Project:** Del Oro Dairy

**Collection Date:** 5/20/2022 11:25:00 AM

**Lab ID:** 2205994-001

**Matrix:** GROUNDWA

**Received Date:** 5/21/2022 12:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	300	50	*	mg/L	100	5/25/2022 11:13:11 AM	R88279
Sulfate	140	5.0		mg/L	10	5/25/2022 11:00:47 AM	R88279
Nitrate+Nitrite as N	4.4	1.0		mg/L	5	5/27/2022 1:37:30 PM	R88372
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>JMT</b>
Total Dissolved Solids	1050	20.0	*	mg/L	1	5/27/2022 1:57:00 PM	67715
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	6/1/2022 10:40:00 AM	67762

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		



# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205994

Date Reported: 6/9/2022

**CLIENT:** EA Engineering

**Client Sample ID:** 692-04

**Project:** Del Oro Dairy

**Collection Date:** 5/20/2022 12:30:00 PM

**Lab ID:** 2205994-002

**Matrix:** GROUNDWA

**Received Date:** 5/21/2022 12:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	680	50	*	mg/L	100	5/25/2022 11:37:59 AM	R88279
Sulfate	490	5.0	*	mg/L	10	5/25/2022 11:25:35 AM	R88279
Nitrate+Nitrite as N	57	2.0	*	mg/L	10	6/7/2022 12:18:29 AM	A88523
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>JMT</b>
Total Dissolved Solids	2570	200	*D	mg/L	1	5/27/2022 1:57:00 PM	67715
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	6/1/2022 10:40:00 AM	67762

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205994

Date Reported: 6/9/2022

**CLIENT:** EA Engineering

**Client Sample ID:** 692-09

**Project:** Del Oro Dairy

**Collection Date:** 5/20/2022 2:30:00 PM

**Lab ID:** 2205994-003

**Matrix:** GROUNDWA

**Received Date:** 5/21/2022 12:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>LRN</b>
Chloride	370	50	*	mg/L	100	5/25/2022 12:02:48 PM	R88279
Sulfate	210	5.0		mg/L	10	5/25/2022 11:50:24 AM	R88279
Nitrate+Nitrite as N	7.4	1.0		mg/L	5	5/27/2022 2:39:15 PM	R88372
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>JMT</b>
Total Dissolved Solids	1410	20.0	*	mg/L	1	5/27/2022 1:57:00 PM	67715
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	6/1/2022 10:40:00 AM	67762

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2205994

Date Reported: 6/9/2022

**CLIENT:** EA Engineering

**Client Sample ID:** 692-05

**Project:** Del Oro Dairy

**Collection Date:** 5/20/2022 3:40:00 PM

**Lab ID:** 2205994-004

**Matrix:** GROUNDWA

**Received Date:** 5/21/2022 12:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JTT</b>
Chloride	380	50	*	mg/L	100	5/27/2022 1:25:10 PM	R88372
Sulfate	280	5.0	*	mg/L	10	5/27/2022 1:12:49 PM	R88372
Nitrate+Nitrite as N	15	1.0	*	mg/L	5	5/27/2022 2:51:37 PM	R88372
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>JMT</b>
Total Dissolved Solids	1550	40.0	*D	mg/L	1	5/27/2022 1:57:00 PM	67715
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	6/1/2022 10:40:00 AM	67762

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205994

09-Jun-22

**Client:** EA Engineering  
**Project:** Del Oro Dairy

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88279</b>	RunNo: <b>88279</b>								
Prep Date:	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3130590</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Sulfate	ND	0.50								

Sample ID: <b>LCS</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88279</b>	RunNo: <b>88279</b>								
Prep Date:	Analysis Date: <b>5/25/2022</b>	SeqNo: <b>3130591</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.8	0.50	5.000	0	95.4	90	110			
Sulfate	10	0.50	10.00	0	103	90	110			

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88372</b>	RunNo: <b>88372</b>								
Prep Date:	Analysis Date: <b>5/27/2022</b>	SeqNo: <b>3134627</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Sulfate	ND	0.50								
Nitrate+Nitrite as N	ND	0.20								

Sample ID: <b>LCS</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88372</b>	RunNo: <b>88372</b>								
Prep Date:	Analysis Date: <b>5/27/2022</b>	SeqNo: <b>3134628</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.6	0.50	5.000	0	91.5	90	110			
Sulfate	9.8	0.50	10.00	0	98.2	90	110			
Nitrate+Nitrite as N	3.5	0.20	3.500	0	98.9	90	110			

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>A88523</b>	RunNo: <b>88523</b>								
Prep Date:	Analysis Date: <b>6/6/2022</b>	SeqNo: <b>3141266</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrate+Nitrite as N	ND	0.20								

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2205994

09-Jun-22

Client: EA Engineering

Project: Del Oro Dairy

Sample ID: <b>LCS</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>A88523</b>	RunNo: <b>88523</b>								
Prep Date:	Analysis Date: <b>6/6/2022</b>	SeqNo: <b>3141267</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrate+Nitrite as N	3.6	0.20	3.500	0	102	90	110			

## Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205994

09-Jun-22

**Client:** EA Engineering  
**Project:** Del Oro Dairy

Sample ID: <b>MB-67715</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67715</b>	RunNo: <b>88335</b>								
Prep Date: <b>5/26/2022</b>	Analysis Date: <b>5/27/2022</b>	SeqNo: <b>3133065</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67715</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67715</b>	RunNo: <b>88335</b>								
Prep Date: <b>5/26/2022</b>	Analysis Date: <b>5/27/2022</b>	SeqNo: <b>3133066</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1040	20.0	1000	0	104	80	120			

Sample ID: <b>2205994-003ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>692-09</b>	Batch ID: <b>67715</b>	RunNo: <b>88335</b>								
Prep Date: <b>5/26/2022</b>	Analysis Date: <b>5/27/2022</b>	SeqNo: <b>3133081</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1410	20.0						0.0710	10	*

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2205994

09-Jun-22

**Client:** EA Engineering  
**Project:** Del Oro Dairy

Sample ID: <b>MB-67762</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67762</b>	RunNo: <b>88388</b>								
Prep Date: <b>5/27/2022</b>	Analysis Date: <b>6/1/2022</b>	SeqNo: <b>3135771</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-67762</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67762</b>	RunNo: <b>88388</b>								
Prep Date: <b>5/27/2022</b>	Analysis Date: <b>6/1/2022</b>	SeqNo: <b>3135772</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.8	1.0	10.00	0	98.0	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# Sample Log-In Check List

Client Name: EA Engineering

Work Order Number: 2205994

RcptNo: 1

Received By: Tracy Casarrubias 5/21/2022 12:30:00 PM

Completed By: Tracy Casarrubias 5/23/2022 8:42:09 AM

Reviewed By: *JMS / 23/22*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present
2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA
4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
5. Sample(s) in proper container(s)? Samples not Frozen  
 Yes  No
6. Sufficient sample volume for indicated test(s)? Yes  No
7. Are samples (except VOA and ONG) properly preserved? Yes  No
8. Was preservative added to bottles? Yes  No  NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
10. Were any sample containers received broken? Yes  No
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes  No
12. Are matrices correctly identified on Chain of Custody? Yes  No
13. Is it clear what analyses were requested? Yes  No
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes  No

# of preserved bottles checked for pH: 4  
 (<2 or >12 unless noted)  
 Adjusted? NO  
 Checked by: KPG 5.23.22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	-0.7	Good	Not Present			



# Chain-of-Custody Record

Client: \_\_\_\_\_  
 EA Engineering, Science, and Technology  
 Mailing Address: \_\_\_\_\_  
 320 Gold Ave SW Suite \_\_\_\_\_  
 Phone #: 505-715-4279  
 email or Fax#: rnullen@eaest.com  
 QA/QC Package: \_\_\_\_\_  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other \_\_\_\_\_  
 EDD (Type) \_\_\_\_\_

Turn-Around Time:  Standard  Rush  
 Project Name: \_\_\_\_\_  
 Del Oro Dairy  
 Project #: \_\_\_\_\_  
 Project Manager: Gina Mullen  
 Sampler: Angel Nieto Rivera  
 On Ice:  Yes  No  
 # of Coolers: 1  
 Cooler Temp (including CF): -0.6 to 0.1 2-07  
 Container Type and #  
 Preservative Type  
 HEAL No.  
 2205994

Date	Time	Matrix	Sample Name
5-20	11:25	Gw	692-02
5-20	12:30	Gw	692-04
5-20	14:30	Gw	692-09
5-20	15:40	Gw	692-05

Date: 5-20 Time: 17:15 Relinquished by: Chad m  
 Date: 5/21/22 Time: 12:30 Relinquished by: \_\_\_\_\_  
 Received by: \_\_\_\_\_ Date: 5/21/22 Time: 12:30  
 Via: Fedex  
 Received by: \_\_\_\_\_ Date: 5/21/22 Time: 12:30

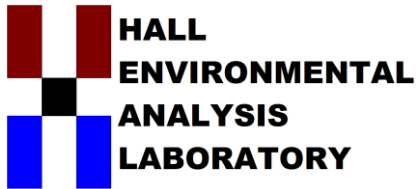


**Analysis Request**

TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur
X	X	X	X		
X	X	X	X		
X	X	X	X		
X	X	X	X		

Nitrate/Nitrites EPA Method 300  
 Remarks: 5/21/22  
 - Samples not frozen. -Time 5/21/22

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 14, 2022

Regina Mullen  
EA Engineering  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX:

RE: Dona Ana Dairies DADs

OrderNo.: 2206012

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 4 sample(s) on 6/1/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2206012

Date Reported: 6/14/2022

**CLIENT:** EA Engineering

**Client Sample ID:** DAD-17

**Project:** Dona Ana Dairies DADs

**Collection Date:** 5/31/2022 10:20:00 AM

**Lab ID:** 2206012-001

**Matrix:** GROUNDWA

**Received Date:** 6/1/2022 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JTT</b>
Chloride	190	5.0		mg/L	10	6/1/2022 4:29:40 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	6/1/2022 4:29:40 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	6/1/2022 4:29:40 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>KS</b>
Total Dissolved Solids	936	20.0	*	mg/L	1	6/7/2022 11:48:00 AM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	6/13/2022 1:43:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2206012

Date Reported: 6/14/2022

**CLIENT:** EA Engineering

**Client Sample ID:** DAD-05

**Project:** Dona Ana Dairies DADs

**Collection Date:** 5/31/2022 11:45:00 AM

**Lab ID:** 2206012-002

**Matrix:** GROUNDWA

**Received Date:** 6/1/2022 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JTT</b>
Chloride	300	50	*	mg/L	100	6/1/2022 5:06:54 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	6/1/2022 4:54:29 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	6/1/2022 4:54:29 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>KS</b>
Total Dissolved Solids	1610	200	*D	mg/L	1	6/7/2022 11:48:00 AM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	15	2.0	D	mg/L	1	6/13/2022 1:43:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference

- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2206012

Date Reported: 6/14/2022

**CLIENT:** EA Engineering

**Client Sample ID:** DAD-18

**Project:** Dona Ana Dairies DADs

**Collection Date:** 5/31/2022 2:08:00 PM

**Lab ID:** 2206012-003

**Matrix:** GROUNDWA

**Received Date:** 6/1/2022 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JTT</b>
Chloride	690	50	*	mg/L	100	6/1/2022 5:56:31 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	6/1/2022 5:44:07 PM
Nitrogen, Nitrate (As N)	7.7	1.0		mg/L	10	6/1/2022 5:44:07 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>KS</b>
Total Dissolved Solids	2580	20.0	*	mg/L	1	6/7/2022 11:48:00 AM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	6/13/2022 1:43:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2206012

Date Reported: 6/14/2022

**CLIENT:** EA Engineering

**Client Sample ID:** DAD-08

**Project:** Dona Ana Dairies DADs

**Collection Date:** 5/31/2022 3:05:00 PM

**Lab ID:** 2206012-004

**Matrix:** GROUNDWA

**Received Date:** 6/1/2022 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JTT</b>
Chloride	1800	50	*	mg/L	100	6/1/2022 6:21:20 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	6/1/2022 6:08:55 PM
Nitrogen, Nitrate (As N)	47	1.0	*	mg/L	10	6/1/2022 6:08:55 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>KS</b>
Total Dissolved Solids	4700	100	*D	mg/L	1	6/7/2022 11:48:00 AM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	6/13/2022 1:43:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206012

14-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies DADs

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88417</b>	RunNo: <b>88417</b>								
Prep Date:	Analysis Date: <b>6/1/2022</b>	SeqNo: <b>3136832</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								

Sample ID: <b>LCS</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88417</b>	RunNo: <b>88417</b>								
Prep Date:	Analysis Date: <b>6/1/2022</b>	SeqNo: <b>3136833</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.6	0.50	5.000	0	92.4	90	110			
Nitrogen, Nitrite (As N)	0.98	0.10	1.000	0	98.1	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	100	90	110			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206012

14-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies DADs

Sample ID: <b>MB-67855</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67855</b>	RunNo: <b>88527</b>								
Prep Date: <b>6/3/2022</b>	Analysis Date: <b>6/7/2022</b>	SeqNo: <b>3141465</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67855</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67855</b>	RunNo: <b>88527</b>								
Prep Date: <b>6/3/2022</b>	Analysis Date: <b>6/7/2022</b>	SeqNo: <b>3141466</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1050	20.0	1000	0	105	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |



# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206012

14-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies DADs

Sample ID: <b>MB-68035</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>68035</b>	RunNo: <b>88687</b>								
Prep Date: <b>6/10/2022</b>	Analysis Date: <b>6/13/2022</b>	SeqNo: <b>3148201</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-68035</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>68035</b>	RunNo: <b>88687</b>								
Prep Date: <b>6/10/2022</b>	Analysis Date: <b>6/13/2022</b>	SeqNo: <b>3148202</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.9	1.0	10.00	0	99.4	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

**Sample Log-In Check List**

Client Name: EA Engineering

Work Order Number: 2206012

RcptNo: 1

Received By: Isaiah Ortiz

6/1/2022 8:50:00 AM

*I-Ox*

Completed By: Isaiah Ortiz

6/1/2022 8:56:41 AM

*I-Ox*

Reviewed By: *Cmc*

*6/1/22*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present
2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA
4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
5. Sample(s) in proper container(s)? Yes  No
6. Sufficient sample volume for indicated test(s)? Yes  No
7. Are samples (except VOA and ONG) properly preserved? Yes  No
8. Was preservative added to bottles? Yes  No  NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
10. Were any sample containers received broken? Yes  No
11. Does paperwork match bottle labels? Yes  No   
 (Note discrepancies on chain of custody)
12. Are matrices correctly identified on Chain of Custody? Yes  No
13. Is it clear what analyses were requested? Yes  No
14. Were all holding times able to be met? Yes  No   
 (If no, notify customer for authorization.)

# of preserved bottles checked for pH: 4  
 (<2 or >12 unless noted)  
 Adjusted? NO  
 Checked by: DAD 6.1.22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

16. Additional remarks:

**Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.0	Good	Not Present			





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 15, 2022

Regina Mullen  
EA Engineering  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX:

RE: Dona Ana Dairies DADS

OrderNo.: 2206107

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 4 sample(s) on 6/2/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2206107

Date Reported: 6/15/2022

**CLIENT:** EA Engineering

**Client Sample ID:** DAD-25

**Project:** Dona Ana Dairies DADS

**Collection Date:** 6/1/2022 10:38:00 AM

**Lab ID:** 2206107-001

**Matrix:** GROUNDWA

**Received Date:** 6/2/2022 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JTT</b>
Chloride	420	50	*	mg/L	100	6/2/2022 2:16:55 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	6/2/2022 2:04:30 PM
Nitrogen, Nitrate (As N)	4.4	1.0		mg/L	10	6/2/2022 2:04:30 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>KS</b>
Total Dissolved Solids	1780	200	*D	mg/L	1	6/9/2022 12:15:00 PM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	6/13/2022 10:34:00 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference

- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2206107

Date Reported: 6/15/2022

**CLIENT:** EA Engineering

**Client Sample ID:** DAD-07

**Project:** Dona Ana Dairies DADS

**Collection Date:** 6/1/2022 11:56:00 AM

**Lab ID:** 2206107-002

**Matrix:** GROUNDWA

**Received Date:** 6/2/2022 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JTT</b>
Chloride	410	50	*	mg/L	100	6/2/2022 3:06:35 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	6/2/2022 2:54:10 PM
Nitrogen, Nitrate (As N)	17	1.0	*	mg/L	10	6/2/2022 2:54:10 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>KS</b>
Total Dissolved Solids	2000	40.0	*D	mg/L	1	6/9/2022 12:15:00 PM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	2.0	D	mg/L	1	6/13/2022 10:34:00 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference

- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

**Hall Environmental Analysis Laboratory, Inc.****CLIENT:** EA Engineering**Client Sample ID:** DAD-21**Project:** Dona Ana Dairies DADS**Collection Date:** 6/1/2022 1:45:00 PM**Lab ID:** 2206107-003**Matrix:** GROUNDWA**Received Date:** 6/2/2022 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JTT</b>
Chloride	870	50	*	mg/L	100	6/2/2022 3:31:24 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	6/2/2022 3:19:00 PM
Nitrogen, Nitrate (As N)	41	1.0	*	mg/L	10	6/2/2022 3:19:00 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>KS</b>
Total Dissolved Solids	2980	40.0	*D	mg/L	1	6/9/2022 12:15:00 PM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	6/13/2022 10:34:00 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2206107

Date Reported: 6/15/2022

**CLIENT:** EA Engineering

**Client Sample ID:** DAD-09

**Project:** Dona Ana Dairies DADS

**Collection Date:** 6/1/2022 2:55:00 PM

**Lab ID:** 2206107-004

**Matrix:** GROUNDWA

**Received Date:** 6/2/2022 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JTT</b>
Chloride	510	50	*	mg/L	100	6/2/2022 4:21:02 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	6/2/2022 3:43:49 PM
Nitrogen, Nitrate (As N)	33	1.0	*	mg/L	10	6/2/2022 3:43:49 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>KS</b>
Total Dissolved Solids	1960	40.0	*D	mg/L	1	6/9/2022 12:15:00 PM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	6/13/2022 10:34:00 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference

- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206107

15-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies DADS

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88452</b>	RunNo: <b>88452</b>								
Prep Date:	Analysis Date: <b>6/2/2022</b>	SeqNo: <b>3138174</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								

Sample ID: <b>LCS</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88452</b>	RunNo: <b>88452</b>								
Prep Date:	Analysis Date: <b>6/2/2022</b>	SeqNo: <b>3138175</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	94.6	90	110			
Nitrogen, Nitrite (As N)	0.96	0.10	1.000	0	96.3	90	110			
Nitrogen, Nitrate (As N)	2.6	0.10	2.500	0	104	90	110			

Sample ID: <b>2206107-004AMS</b>	SampType: <b>ms</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>DAD-09</b>	Batch ID: <b>R88452</b>	RunNo: <b>88452</b>								
Prep Date:	Analysis Date: <b>6/2/2022</b>	SeqNo: <b>3138189</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrate (As N)	59	1.0	25.00	33.30	103	93.5	110			

Sample ID: <b>2206107-004AMSD</b>	SampType: <b>msd</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>DAD-09</b>	Batch ID: <b>R88452</b>	RunNo: <b>88452</b>								
Prep Date:	Analysis Date: <b>6/2/2022</b>	SeqNo: <b>3138190</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrate (As N)	59	1.0	25.00	33.30	101	93.5	110	0.828	20	

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206107

15-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies DADS

Sample ID: <b>MB-67964</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67964</b>	RunNo: <b>88600</b>								
Prep Date: <b>6/7/2022</b>	Analysis Date: <b>6/9/2022</b>	SeqNo: <b>3144551</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67964</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67964</b>	RunNo: <b>88600</b>								
Prep Date: <b>6/7/2022</b>	Analysis Date: <b>6/9/2022</b>	SeqNo: <b>3144552</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1010	20.0	1000	0	101	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206107

15-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies DADS

Sample ID: <b>MB-68037</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>68037</b>	RunNo: <b>88675</b>								
Prep Date: <b>6/10/2022</b>	Analysis Date: <b>6/13/2022</b>	SeqNo: <b>3147948</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-68037</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>68037</b>	RunNo: <b>88675</b>								
Prep Date: <b>6/10/2022</b>	Analysis Date: <b>6/13/2022</b>	SeqNo: <b>3147949</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	10	1.0	10.00	0	101	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

**Sample Log-In Check List**

Client Name: EA Engineering

Work Order Number: 2206107

RcptNo: 1

Received By: Desiree Dominguez 6/2/2022 9:00:00 AM

*DD*

Completed By: Cheyenne Cason 6/2/2022 9:11:40 AM

*CC*

Reviewed By: TMC 6/2/22

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present
2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA
4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
5. Sample(s) in proper container(s)? Yes  No
6. Sufficient sample volume for indicated test(s)? Yes  No
7. Are samples (except VOA and ONG) properly preserved? Yes  No
8. Was preservative added to bottles? Yes  No  NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
10. Were any sample containers received broken? Yes  No
11. Does paperwork match bottle labels?  
 (Note discrepancies on chain of custody) Yes  No
12. Are matrices correctly identified on Chain of Custody? Yes  No
13. Is it clear what analyses were requested? Yes  No
14. Were all holding times able to be met?  
 (If no, notify customer for authorization.) Yes  No

# of preserved bottles checked for pH: 4  
 (<2 or >12 unless noted)  
 Adjusted? NO  
 Checked by: DAD 6/2/22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.6	Good	Not Present			





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 21, 2022

Regina Mullen  
EA Engineering  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX:

RE: Dona Ana Dairies

OrderNo.: 2206217

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 4 sample(s) on 6/3/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Hall Environmental Analysis Laboratory, Inc.****CLIENT:** EA Engineering**Client Sample ID:** DAD-22**Project:** Dona Ana Dairies**Collection Date:** 6/2/2022 10:21:00 AM**Lab ID:** 2206217-001**Matrix:** AQUEOUS**Received Date:** 6/3/2022 12:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>LRN</b>
Chloride	880	50	*	mg/L	100	6/3/2022 9:41:38 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	6/3/2022 9:28:07 PM
Nitrogen, Nitrate (As N)	16	1.0	*	mg/L	10	6/3/2022 9:28:07 PM
Sulfate	440	50	*	mg/L	100	6/3/2022 9:41:38 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>KS</b>
Total Dissolved Solids	2440	20.0	*	mg/L	1	6/14/2022 1:19:00 PM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	2.0	D	mg/L	1	6/16/2022 1:39:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

**Hall Environmental Analysis Laboratory, Inc.****CLIENT:** EA Engineering**Client Sample ID:** DAD-26**Project:** Dona Ana Dairies**Collection Date:** 6/2/2022 11:35:00 AM**Lab ID:** 2206217-002**Matrix:** AQUEOUS**Received Date:** 6/3/2022 12:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>LRN</b>
Chloride	520	50	*	mg/L	100	6/3/2022 10:06:48 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	6/3/2022 9:53:56 PM
Nitrogen, Nitrate (As N)	26	1.0	*	mg/L	10	6/3/2022 9:53:56 PM
Sulfate	360	5.0	*	mg/L	10	6/3/2022 9:53:56 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>KS</b>
Total Dissolved Solids	1860	40.0	*D	mg/L	1	6/14/2022 1:19:00 PM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	6/16/2022 1:39:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		



**Hall Environmental Analysis Laboratory, Inc.****CLIENT:** EA Engineering**Client Sample ID:** DAD-20**Project:** Dona Ana Dairies**Collection Date:** 6/2/2022 12:50:00 PM**Lab ID:** 2206217-003**Matrix:** AQUEOUS**Received Date:** 6/3/2022 12:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>LRN</b>
Chloride	1000	50	*	mg/L	100	6/3/2022 10:32:32 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	6/3/2022 10:19:40 PM
Nitrogen, Nitrate (As N)	23	1.0	*	mg/L	10	6/3/2022 10:19:40 PM
Sulfate	450	50	*	mg/L	100	6/3/2022 10:32:32 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>KS</b>
Total Dissolved Solids	2730	40.0	*D	mg/L	1	6/14/2022 1:19:00 PM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	5.0	D	mg/L	1	6/16/2022 1:39:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2206217

Date Reported: 6/21/2022

**CLIENT:** EA Engineering

**Client Sample ID:** DAD-10

**Project:** Dona Ana Dairies

**Collection Date:** 6/2/2022 2:55:00 PM

**Lab ID:** 2206217-004

**Matrix:** AQUEOUS

**Received Date:** 6/3/2022 12:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>LRN</b>
Chloride	390	50	*	mg/L	100	6/3/2022 10:58:15 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	6/3/2022 10:45:23 PM
Nitrogen, Nitrate (As N)	1.2	1.0		mg/L	10	6/3/2022 10:45:23 PM
Sulfate	200	5.0		mg/L	10	6/3/2022 10:45:23 PM
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>						Analyst: <b>KS</b>
Total Dissolved Solids	1400	200	*D	mg/L	1	6/14/2022 1:19:00 PM
<b>SM 4500 NORG C: TKN</b>						Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	6/16/2022 1:39:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206217

21-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88483</b>	RunNo: <b>88483</b>								
Prep Date:	Analysis Date: <b>6/3/2022</b>	SeqNo: <b>3139148</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID: <b>LCS</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88483</b>	RunNo: <b>88483</b>								
Prep Date:	Analysis Date: <b>6/3/2022</b>	SeqNo: <b>3139149</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.6	0.50	5.000	0	92.9	90	110			
Nitrogen, Nitrite (As N)	0.99	0.10	1.000	0	99.0	90	110			
Nitrogen, Nitrate (As N)	2.6	0.10	2.500	0	102	90	110			
Sulfate	10	0.50	10.00	0	100	90	110			

Sample ID: <b>LCS D</b>	SampType: <b>icsd</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCS S02</b>	Batch ID: <b>R88483</b>	RunNo: <b>88483</b>								
Prep Date:	Analysis Date: <b>6/3/2022</b>	SeqNo: <b>3139158</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.6	0.50	5.000	0	91.7	90	110	1.28	20	
Nitrogen, Nitrite (As N)	0.97	0.10	1.000	0	97.2	90	110	1.85	20	
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	100	90	110	2.03	20	
Sulfate	9.9	0.50	10.00	0	98.5	90	110	1.96	20	

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206217

21-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies

Sample ID: <b>MB-68015</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>68015</b>	RunNo: <b>88716</b>								
Prep Date: <b>6/9/2022</b>	Analysis Date: <b>6/14/2022</b>	SeqNo: <b>3149586</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-68015</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>68015</b>	RunNo: <b>88716</b>								
Prep Date: <b>6/9/2022</b>	Analysis Date: <b>6/14/2022</b>	SeqNo: <b>3149587</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1010	20.0	1000	0	101	80	120			

Sample ID: <b>2206217-001ADUP</b>	SampType: <b>DUP</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>DAD-22</b>	Batch ID: <b>68015</b>	RunNo: <b>88716</b>								
Prep Date: <b>6/9/2022</b>	Analysis Date: <b>6/14/2022</b>	SeqNo: <b>3149589</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	2450	20.0						0.451	10	*

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206217

21-Jun-22

**Client:** EA Engineering  
**Project:** Dona Ana Dairies

Sample ID: <b>MB-68126</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>68126</b>	RunNo: <b>88802</b>								
Prep Date: <b>6/15/2022</b>	Analysis Date: <b>6/16/2022</b>	SeqNo: <b>3152979</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-68126</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>68126</b>	RunNo: <b>88802</b>								
Prep Date: <b>6/15/2022</b>	Analysis Date: <b>6/16/2022</b>	SeqNo: <b>3152980</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	10	1.0	10.00	0	101	80	120			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

# Sample Log-In Check List

Client Name: EA Engineering

Work Order Number: 2206217

RcptNo: 1

Received By: Joseph Alderette 6/3/2022 12:50:00 PM

Completed By: Tracy Casarrubias 6/3/2022 1:58:23 PM

Reviewed By: DAD 6/3/22

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present
2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA
4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
5. Sample(s) in proper container(s)? Yes  No
6. Sufficient sample volume for indicated test(s)? Yes  No
7. Are samples (except VOA and ONG) properly preserved? Yes  No
8. Was preservative added to bottles? Yes  No  NA
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA
10. Were any sample containers received broken? Yes  No
11. Does paperwork match bottle labels? Yes  No   
 (Note discrepancies on chain of custody)
12. Are matrices correctly identified on Chain of Custody? Yes  No
13. Is it clear what analyses were requested? Yes  No
14. Were all holding times able to be met? Yes  No   
 (If no, notify customer for authorization.)

# of preserved bottles checked for pH: 4  
 (<2 or >12 unless noted)  
 Adjusted? no  
 Checked by: CMC 6/3/22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	_____	Date:	_____
By Whom:	_____	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	_____		
Client Instructions:	_____		

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.7	Good	Not Present			

# Chain-of-Custody Record

Client:

EA Engineering, Science, and Technology

Mailing Address:

320 Gold Ave SW Suite

Phone #: 505-715-4279

email or Fax#: rmullen@eatest.com

QA/QC Package:

Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance

NELAC  Other

EDD (Type)

Turn-Around Time:

Standard  Rush

Project:

Dona Ana Dairies (DAD'S)

Project #:

Project Manager:

Gina Mullen

Sampler: Angel Nieto Rivera

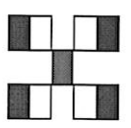
On Ice:  Yes  No

# of Coolers: 1

Cooler Temp (including CF): 2.6 + 0.1 = 2.7°C

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur
6-2	10:21	Grw	DAD-22	2		001	X	X	X	X	X		
6-2	11:35	Grw	DAD-26	2		002	X	X	X	X	X		
6-2	12:50	Grw	DAD-20	2		003	X	X	X	X	X		
6-2	14:55	Grw	DAD-10	2		004	X	X	X	X	X		
Date: 6-2 Time: 16:05 Relinquished by: [Signature]				Received by: [Signature]		Via: FedEx	Date: 6-3-22	Time: 12:50					
Date: Time: Relinquished by:				Received by: Via: Date: Time:		Remarks:							

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975

Fax 505-345-4107

Analysis Request



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 23, 2022

Regina Mullen

EA Engineering

320 Gold Ave SW Suite 1210

Albuquerque, NM 87102

TEL:

FAX:

RE: Big Sky Dairy

OrderNo.: 2206252

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/4/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109



# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2206252

Date Reported: 6/23/2022

**CLIENT:** EA Engineering

**Client Sample ID:** 833-Lagoon

**Project:** Big Sky Dairy

**Collection Date:** 6/3/2022 2:15:00 PM

**Lab ID:** 2206252-001

**Matrix:** AQUEOUS

**Received Date:** 6/4/2022 11:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	700	50	*	mg/L	100	6/7/2022 2:14:24 PM	R88553
Nitrate+Nitrite as N	ND	2.0		mg/L	10	6/7/2022 10:18:28 PM	R88553
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	5600	2000	*D	mg/L	1	6/10/2022 8:46:00 AM	67983
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	800	10	D	mg/L	1	6/17/2022 10:05:00 AM	68163
<b>EPA METHOD 200.7: METALS</b>							Analyst: <b>JLF</b>
Sulfur	110	5.0		mg/L	5	6/16/2022 4:40:08 PM	68127

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206252

23-Jun-22

**Client:** EA Engineering  
**Project:** Big Sky Dairy

Sample ID: <b>MB-68127</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 200.7: Metals</b>								
Client ID: <b>PBW</b>	Batch ID: <b>68127</b>	RunNo: <b>88823</b>								
Prep Date: <b>6/15/2022</b>	Analysis Date: <b>6/16/2022</b>	SeqNo: <b>3153628</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfur	ND	1.0								

Sample ID: <b>LCSLL-68127</b>	SampType: <b>LCSLL</b>	TestCode: <b>EPA Method 200.7: Metals</b>								
Client ID: <b>BatchQC</b>	Batch ID: <b>68127</b>	RunNo: <b>88823</b>								
Prep Date: <b>6/15/2022</b>	Analysis Date: <b>6/16/2022</b>	SeqNo: <b>3153629</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfur	1.0	1.0	1.000	0	102	50	150			

Sample ID: <b>LCS-68127</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 200.7: Metals</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>68127</b>	RunNo: <b>88823</b>								
Prep Date: <b>6/15/2022</b>	Analysis Date: <b>6/16/2022</b>	SeqNo: <b>3153630</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfur	51	1.0	50.00	0	102	85	115			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206252

23-Jun-22

**Client:** EA Engineering

**Project:** Big Sky Dairy

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88553</b>	RunNo: <b>88553</b>								
Prep Date:	Analysis Date: <b>6/7/2022</b>	SeqNo: <b>3142230</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrate+Nitrite as N	ND	0.20								

Sample ID: <b>LCS</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88553</b>	RunNo: <b>88553</b>								
Prep Date:	Analysis Date: <b>6/7/2022</b>	SeqNo: <b>3142231</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.8	0.50	5.000	0	96.6	90	110			
Nitrate+Nitrite as N	3.6	0.20	3.500	0	103	90	110			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206252

23-Jun-22

**Client:** EA Engineering  
**Project:** Big Sky Dairy

Sample ID: <b>MB-67983</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67983</b>	RunNo: <b>88628</b>								
Prep Date: <b>6/8/2022</b>	Analysis Date: <b>6/10/2022</b>	SeqNo: <b>3145783</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67983</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67983</b>	RunNo: <b>88628</b>								
Prep Date: <b>6/8/2022</b>	Analysis Date: <b>6/10/2022</b>	SeqNo: <b>3145784</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1010	20.0	1000	0	101	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206252

23-Jun-22

**Client:** EA Engineering  
**Project:** Big Sky Dairy

Sample ID: <b>MB-68163</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>68163</b>	RunNo: <b>88837</b>								
Prep Date: <b>6/16/2022</b>	Analysis Date: <b>6/17/2022</b>	SeqNo: <b>3154349</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-68163</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>68163</b>	RunNo: <b>88837</b>								
Prep Date: <b>6/16/2022</b>	Analysis Date: <b>6/17/2022</b>	SeqNo: <b>3154350</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	10	1.0	10.00	0	101	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

**Sample Log-In Check List**

Client Name: EA Engineering Work Order Number: 2206252 RcptNo: 1

Received By: Tracy Casarrubias 6/4/2022 11:20:00 AM  
 Completed By: Cheyenne Cason 6/6/2022 7:28:54 AM  
 Reviewed By: *[Signature]* 6-6-22 *[Signature]*

**Chain of Custody**

- 1. Is Chain of Custody complete? Yes  No  Not Present
- 2. How was the sample delivered? FedEx

**Log In**

- 3. Was an attempt made to cool the samples? Yes  No  NA
- 4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
- 5. Sample(s) in proper container(s)? Yes  No
- 6. Sufficient sample volume for indicated test(s)? Yes  No
- 7. Are samples (except VOA and ONG) properly preserved? Yes  No
- 8. Was preservative added to bottles? Yes  No  NA
- 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  HNO3 NA
- 10. Were any sample containers received broken? Yes  No
- 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes  No
- 12. Are matrices correctly identified on Chain of Custody? Yes  No
- 13. Is it clear what analyses were requested? Yes  No
- 14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes  No

# of preserved bottles checked for pH: 2  
 (<2 or >12 unless noted)  
 Adjusted? yes  
 Checked by Cmc 6/6/22

**Special Handling (if applicable)**

- 15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

16. Additional remarks:  
 Poured off ~150mls from 001A unpreserved for 001B, added ~1.0 mls of HNO3 to 001B for metals analysis -- Cmc 6/6/22  
 added ~1.0mL H2SO4 to 001A 2 of 2 for Ph < 2 Cmc 6/6/22

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.5	Good	Not Present			





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 23, 2022

Regina Mullen

EA Engineering

320 Gold Ave SW Suite 1210

Albuquerque, NM 87102

TEL:

FAX:

RE: Sunset Dairy

OrderNo.: 2206253

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/4/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written in a cursive style.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109



# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2206253

Date Reported: 6/23/2022

CLIENT: EA Engineering

Client Sample ID: 257-Lagoon

Project: Sunset Dairy

Collection Date: 6/3/2022 12:25:00 PM

Lab ID: 2206253-001

Matrix: AQUEOUS

Received Date: 6/4/2022 11:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	1500	50	*	mg/L	100	6/7/2022 3:04:04 PM	R88553
Nitrate+Nitrite as N	3.0	2.0		mg/L	10	6/7/2022 10:30:53 PM	R88553
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	6600	2000	*D	mg/L	1	6/9/2022 4:31:00 PM	67942
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	1400	20	D	mg/L	1	6/17/2022 10:05:00 AM	68163
<b>EPA METHOD 200.7: METALS</b>							Analyst: <b>JLF</b>
Sulfur	150	5.0		mg/L	5	6/16/2022 4:46:28 PM	68127

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206253

23-Jun-22

**Client:** EA Engineering  
**Project:** Sunset Dairy

Sample ID: <b>MB-68127</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 200.7: Metals</b>								
Client ID: <b>PBW</b>	Batch ID: <b>68127</b>	RunNo: <b>88823</b>								
Prep Date: <b>6/15/2022</b>	Analysis Date: <b>6/16/2022</b>	SeqNo: <b>3153628</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfur	ND	1.0								

Sample ID: <b>LCSLL-68127</b>	SampType: <b>LCSLL</b>	TestCode: <b>EPA Method 200.7: Metals</b>								
Client ID: <b>BatchQC</b>	Batch ID: <b>68127</b>	RunNo: <b>88823</b>								
Prep Date: <b>6/15/2022</b>	Analysis Date: <b>6/16/2022</b>	SeqNo: <b>3153629</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfur	1.0	1.0	1.000	0	102	50	150			

Sample ID: <b>LCS-68127</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 200.7: Metals</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>68127</b>	RunNo: <b>88823</b>								
Prep Date: <b>6/15/2022</b>	Analysis Date: <b>6/16/2022</b>	SeqNo: <b>3153630</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfur	51	1.0	50.00	0	102	85	115			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206253

23-Jun-22

**Client:** EA Engineering

**Project:** Sunset Dairy

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88553</b>	RunNo: <b>88553</b>								
Prep Date:	Analysis Date: <b>6/7/2022</b>	SeqNo: <b>3142230</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrate+Nitrite as N	ND	0.20								

Sample ID: <b>LCS</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88553</b>	RunNo: <b>88553</b>								
Prep Date:	Analysis Date: <b>6/7/2022</b>	SeqNo: <b>3142231</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.8	0.50	5.000	0	96.6	90	110			
Nitrate+Nitrite as N	3.6	0.20	3.500	0	103	90	110			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206253

23-Jun-22

**Client:** EA Engineering  
**Project:** Sunset Dairy

Sample ID: <b>MB-67942</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>67942</b>	RunNo: <b>88613</b>								
Prep Date: <b>6/8/2022</b>	Analysis Date: <b>6/9/2022</b>	SeqNo: <b>3144996</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-67942</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>67942</b>	RunNo: <b>88613</b>								
Prep Date: <b>6/8/2022</b>	Analysis Date: <b>6/9/2022</b>	SeqNo: <b>3144997</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1030	20.0	1000	0	103	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206253

23-Jun-22

**Client:** EA Engineering

**Project:** Sunset Dairy

Sample ID: <b>MB-68163</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>68163</b>	RunNo: <b>88837</b>								
Prep Date: <b>6/16/2022</b>	Analysis Date: <b>6/17/2022</b>	SeqNo: <b>3154349</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-68163</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>68163</b>	RunNo: <b>88837</b>								
Prep Date: <b>6/16/2022</b>	Analysis Date: <b>6/17/2022</b>	SeqNo: <b>3154350</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	10	1.0	10.00	0	101	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

**Sample Log-In Check List**

Client Name: EA Engineering

Work Order Number: 2206253

RcptNo: 1

Received By: Tracy Casarrubias 6/4/2022 11:20:00 AM

Completed By: Cheyenne Cason 6/6/2022 7:34:38 AM

Reviewed By: *[Signature]* 6-6-22

*[Signature]*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present   
 2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA   
 4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA   
 5. Sample(s) in proper container(s)? Yes  No   
 6. Sufficient sample volume for indicated test(s)? Yes  No   
 7. Are samples (except VOA and ONG) properly preserved? Yes  No   
 8. Was preservative added to bottles? Yes  No  NA   
 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  HNO3 NA   
 10. Were any sample containers received broken? Yes  No   
 11. Does paperwork match bottle labels? Yes  No   
 (Note discrepancies on chain of custody)  
 12. Are matrices correctly identified on Chain of Custody? Yes  No   
 13. Is it clear what analyses were requested? Yes  No   
 14. Were all holding times able to be met? Yes  No   
 (If no, notify customer for authorization.)

# of preserved bottles checked for pH: 2  
 (≤2 or >12 unless noted)  
 Adjusted? YCS  
 Checked by: Cmc 6/6/22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

16. Additional remarks:

Poured off ~150mls from 001A unpreserved for 001B, added ~1.5 mls of HNO3 to 001B for metals analysis -- Cmc 6/6/22

17. **Cooler Information** added ~1.0mls H2SO4 to each 2 of 2 for pH < 2

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.5	Good	Not Present			Cmc 6/6/22





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 21, 2022

Regina Mullen

EA Engineering Alb  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX:

RE: Mountain View Dairy LLC

OrderNo.: 2206254

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/4/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109



# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2206254

Date Reported: 6/21/2022

**CLIENT:** EA Engineering Alb  
**Project:** Mountain View Dairy LLC  
**Lab ID:** 2206254-001

**Client Sample ID:** 70-Lagoon  
**Collection Date:** 6/3/2022 10:41:00 AM  
**Matrix:** AQUEOUS  
**Received Date:** 6/4/2022 11:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	1800	100	*	mg/L	200	6/9/2022 1:30:57 PM	R88629
Nitrate+Nitrite as N	ND	2.0		mg/L	10	6/7/2022 10:43:18 PM	R88553
<b>SM2540C MOD: TOTAL DISSOLVED SOLIDS</b>							Analyst: <b>KS</b>
Total Dissolved Solids	9300	2000	*D	mg/L	1	6/14/2022 1:19:00 PM	68015
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	1400	10	D	mg/L	1	6/17/2022 10:03:00 AM	68164
<b>EPA METHOD 200.7: METALS</b>							Analyst: <b>JLF</b>
Sulfur	130	5.0		mg/L	5	6/14/2022 5:49:41 PM	68036

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206254

21-Jun-22

**Client:** EA Engineering Alb  
**Project:** Mountain View Dairy LLC

Sample ID: <b>MB-68036</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 200.7: Metals</b>								
Client ID: <b>PBW</b>	Batch ID: <b>68036</b>	RunNo: <b>88690</b>								
Prep Date: <b>6/10/2022</b>	Analysis Date: <b>6/13/2022</b>	SeqNo: <b>3148363</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfur	ND	1.0								

Sample ID: <b>LCSLL-68036</b>	SampType: <b>LCSLL</b>	TestCode: <b>EPA Method 200.7: Metals</b>								
Client ID: <b>BatchQC</b>	Batch ID: <b>68036</b>	RunNo: <b>88690</b>								
Prep Date: <b>6/10/2022</b>	Analysis Date: <b>6/13/2022</b>	SeqNo: <b>3148364</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfur	1.0	1.0	1.000	0	104	50	150			

Sample ID: <b>LCS-68036</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 200.7: Metals</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>68036</b>	RunNo: <b>88690</b>								
Prep Date: <b>6/10/2022</b>	Analysis Date: <b>6/13/2022</b>	SeqNo: <b>3148365</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfur	54	1.0	50.00	0	108	85	115			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206254

21-Jun-22

**Client:** EA Engineering Alb  
**Project:** Mountain View Dairy LLC

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88553</b>	RunNo: <b>88553</b>								
Prep Date:	Analysis Date: <b>6/7/2022</b>	SeqNo: <b>3142230</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrate+Nitrite as N	ND	0.20								

Sample ID: <b>LCS</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88553</b>	RunNo: <b>88553</b>								
Prep Date:	Analysis Date: <b>6/7/2022</b>	SeqNo: <b>3142231</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrate+Nitrite as N	3.6	0.20	3.500	0	103	90	110			

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>R88629</b>	RunNo: <b>88629</b>								
Prep Date:	Analysis Date: <b>6/9/2022</b>	SeqNo: <b>3145698</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID: <b>LCS</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>R88629</b>	RunNo: <b>88629</b>								
Prep Date:	Analysis Date: <b>6/9/2022</b>	SeqNo: <b>3145699</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.8	0.50	5.000	0	95.3	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206254

21-Jun-22

**Client:** EA Engineering Alb  
**Project:** Mountain View Dairy LLC

Sample ID: <b>MB-68015</b>	SampType: <b>MBLK</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>PBW</b>	Batch ID: <b>68015</b>	RunNo: <b>88716</b>								
Prep Date: <b>6/9/2022</b>	Analysis Date: <b>6/14/2022</b>	SeqNo: <b>3149586</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: <b>LCS-68015</b>	SampType: <b>LCS</b>	TestCode: <b>SM2540C MOD: Total Dissolved Solids</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>68015</b>	RunNo: <b>88716</b>								
Prep Date: <b>6/9/2022</b>	Analysis Date: <b>6/14/2022</b>	SeqNo: <b>3149587</b>	Units: <b>mg/L</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1010	20.0	1000	0	101	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206254

21-Jun-22

**Client:** EA Engineering Alb  
**Project:** Mountain View Dairy LLC

Sample ID: <b>MB-68164</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>68164</b>	RunNo: <b>88838</b>								
Prep Date: <b>6/16/2022</b>	Analysis Date: <b>6/17/2022</b>	SeqNo: <b>3154369</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-68164</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>68164</b>	RunNo: <b>88838</b>								
Prep Date: <b>6/16/2022</b>	Analysis Date: <b>6/17/2022</b>	SeqNo: <b>3154370</b> Units: <b>mg/L</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.9	1.0	10.00	0	99.4	80	120			

### Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

**Sample Log-In Check List**

Client Name: EA Engineering

Work Order Number: 2206254

RcptNo: 1

Received By: Tracy Casarrubias

6/4/2022 11:20:00 AM

Completed By: Cheyenne Cason

6/6/2022 7:41:50 AM

Reviewed By: *JC 6-6-22*

*Chad*

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present   
 2. How was the sample delivered? FedEx

**Log In**

3. Was an attempt made to cool the samples? Yes  No  NA   
 4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA   
 5. Sample(s) in proper container(s)? Yes  No   
 6. Sufficient sample volume for indicated test(s)? Yes  No   
 7. Are samples (except VOA and ONG) properly preserved? Yes  No   
 8. Was preservative added to bottles? Yes  No  NA   
 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  HNO3 NA   
 10. Were any sample containers received broken? Yes  No   
 11. Does paperwork match bottle labels? Yes  No   
 (Note discrepancies on chain of custody)  
 12. Are matrices correctly identified on Chain of Custody? Yes  No   
 13. Is it clear what analyses were requested? Yes  No   
 14. Were all holding times able to be met? Yes  No   
 (If no, notify customer for authorization.)

# of preserved bottles checked for pH: (2)  
 (<2 or >12 unless noted)  
 Adjusted? YCS  
 Checked by: CMC 6/6/22

**Special Handling (if applicable)**

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

16. Additional remarks:

Poured off ~150mls from 001A unpreserved for 001B, added ~2.0 mls of HNO3 to 001B for metals analysis -- CMC 6/6/22

17. **Cooler Information** added ~1.0mls H2SO4 to 001B 2 of 2 for Ph < 2 CMC 6/6/22

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.5	Good	Not Present			





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

June 22, 2022

Regina Mullen

EA Engineering Alb  
320 Gold Ave SW Suite 1210  
Albuquerque, NM 87102  
TEL:  
FAX:

RE: Dominguez Dairy 1

OrderNo.: 2206535

Dear Regina Mullen:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/9/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109



# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2206535

Date Reported: 6/22/2022

**CLIENT:** EA Engineering Alb

**Client Sample ID:** LRG-591-S-2

**Project:** Dominguez Dairy 1

**Collection Date:** 6/8/2022 12:30:00 PM

**Lab ID:** 2206535-001

**Matrix:** GROUNDWA

**Received Date:** 6/9/2022 10:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	6/9/2022 8:32:57 PM	A88629
Nitrogen, Nitrate (As N)	18	1.0	*	mg/L	10	6/9/2022 8:32:57 PM	A88629
<b>SM 4500 NORG C: TKN</b>							Analyst: <b>EKM</b>
Nitrogen, Kjeldahl, Total	ND	2.0	D	mg/L	1	6/22/2022 9:21:00 AM	68258

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206535

22-Jun-22

**Client:** EA Engineering Alb

**Project:** Dominguez Dairy 1

Sample ID: <b>MB</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBW</b>	Batch ID: <b>A88629</b>	RunNo: <b>88629</b>								
Prep Date:	Analysis Date: <b>6/9/2022</b>	SeqNo: <b>3145735</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								

Sample ID: <b>LCS</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>A88629</b>	RunNo: <b>88629</b>								
Prep Date:	Analysis Date: <b>6/9/2022</b>	SeqNo: <b>3145736</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrite (As N)	0.97	0.10	1.000	0	97.1	90	110			
Nitrogen, Nitrate (As N)	2.6	0.10	2.500	0	102	90	110			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2206535

22-Jun-22

**Client:** EA Engineering Alb

**Project:** Dominguez Dairy 1

Sample ID: <b>MB-68258</b>	SampType: <b>MBLK</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>PBW</b>	Batch ID: <b>68258</b>	RunNo: <b>88937</b>								
Prep Date: <b>6/21/2022</b>	Analysis Date: <b>6/22/2022</b>	SeqNo: <b>3158392</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	ND	1.0								

Sample ID: <b>LCS-68258</b>	SampType: <b>LCS</b>	TestCode: <b>SM 4500 Norg C: TKN</b>								
Client ID: <b>LCSW</b>	Batch ID: <b>68258</b>	RunNo: <b>88937</b>								
Prep Date: <b>6/21/2022</b>	Analysis Date: <b>6/22/2022</b>	SeqNo: <b>3158393</b>			Units: <b>mg/L</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Kjeldahl, Total	9.9	1.0	10.00	0	99.4	80	120			

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level.                           | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                                       | E Estimated value                                 |
| H Holding times for preparation or analysis exceeded                 | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                               | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                                     | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix interference |   |



Hall Environmental Analysis Laboratory  
 4901 Hawkins NE  
 Albuquerque, NM 87109  
 TEL: 505-345-3975 FAX: 505-345-4107  
 Website: www.hallenvironmental.com

# Sample Log-In Check List

Client Name: EA Engineering

Work Order Number: 2206535

RcptNo: 1

Received By: Cheyenne Cason 6/9/2022 10:05:00 AM

Completed By: Sean Livingston 6/9/2022 12:20:37 PM

Reviewed By: TME 6/17/22

*Handwritten signatures: Cason, Sean Livingston*

### Chain of Custody

1. Is Chain of Custody complete? Yes  No  Not Present   
 2. How was the sample delivered? FedEx

### Log In

3. Was an attempt made to cool the samples? Yes  No  NA   
 4. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA   
 5. Sample(s) in proper container(s)? Yes  No   
 6. Sufficient sample volume for indicated test(s)? Yes  No   
 7. Are samples (except VOA and ONG) properly preserved? Yes  No   
 8. Was preservative added to bottles? Yes  No  NA   
 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes  No  NA   
 10. Were any sample containers received broken? Yes  No   
 11. Does paperwork match bottle labels? Yes  No   
 (Note discrepancies on chain of custody)  
 12. Are matrices correctly identified on Chain of Custody? Yes  No   
 13. Is it clear what analyses were requested? Yes  No   
 14. Were all holding times able to be met? Yes  No   
 (If no, notify customer for authorization.)

# of preserved bottles checked for pH: 1  
 (<2 or >12 unless noted)  
 Adjusted? no  
 Checked by: SEA C/17/22

### Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

16. Additional remarks:

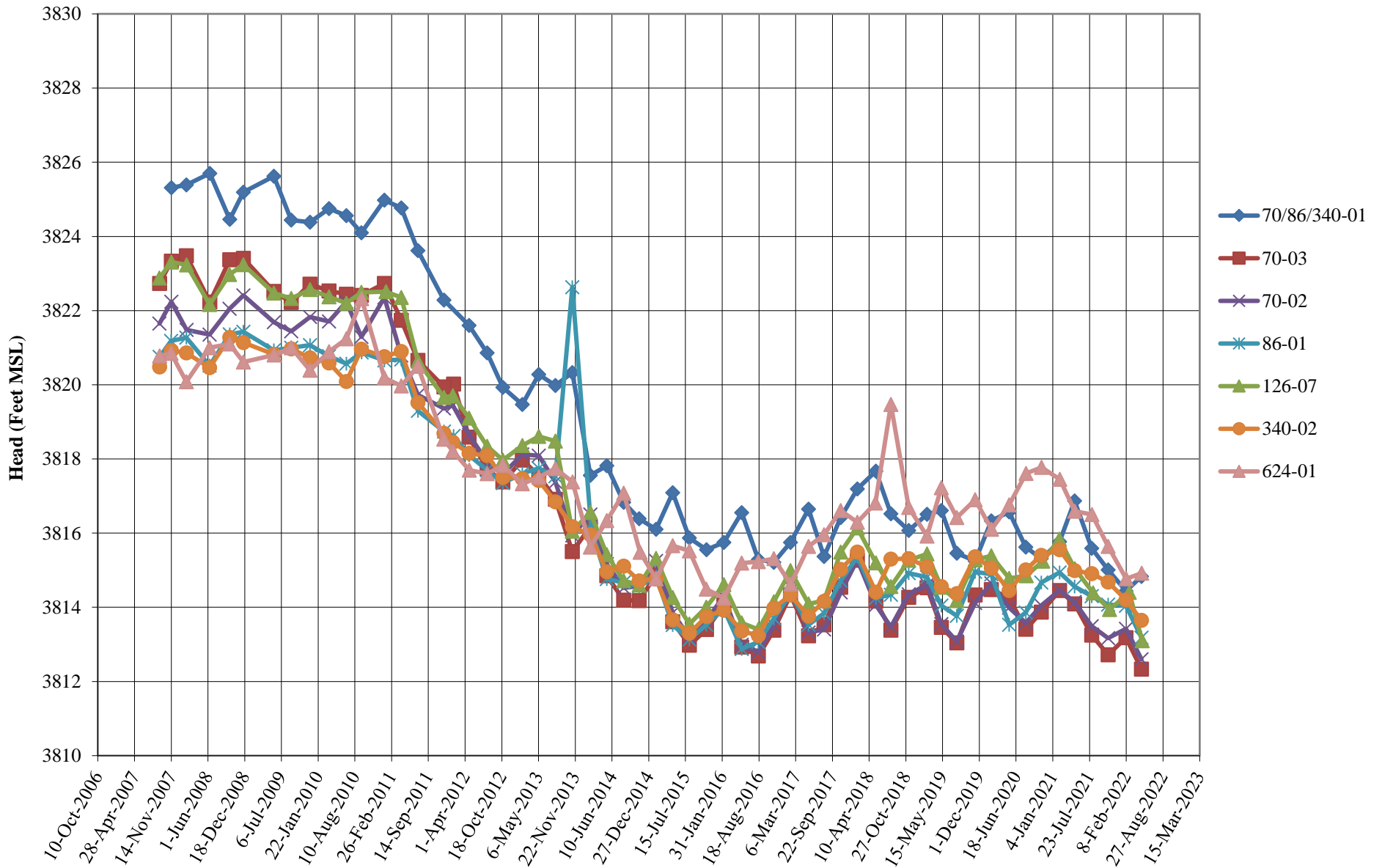
### 17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.9	Good				

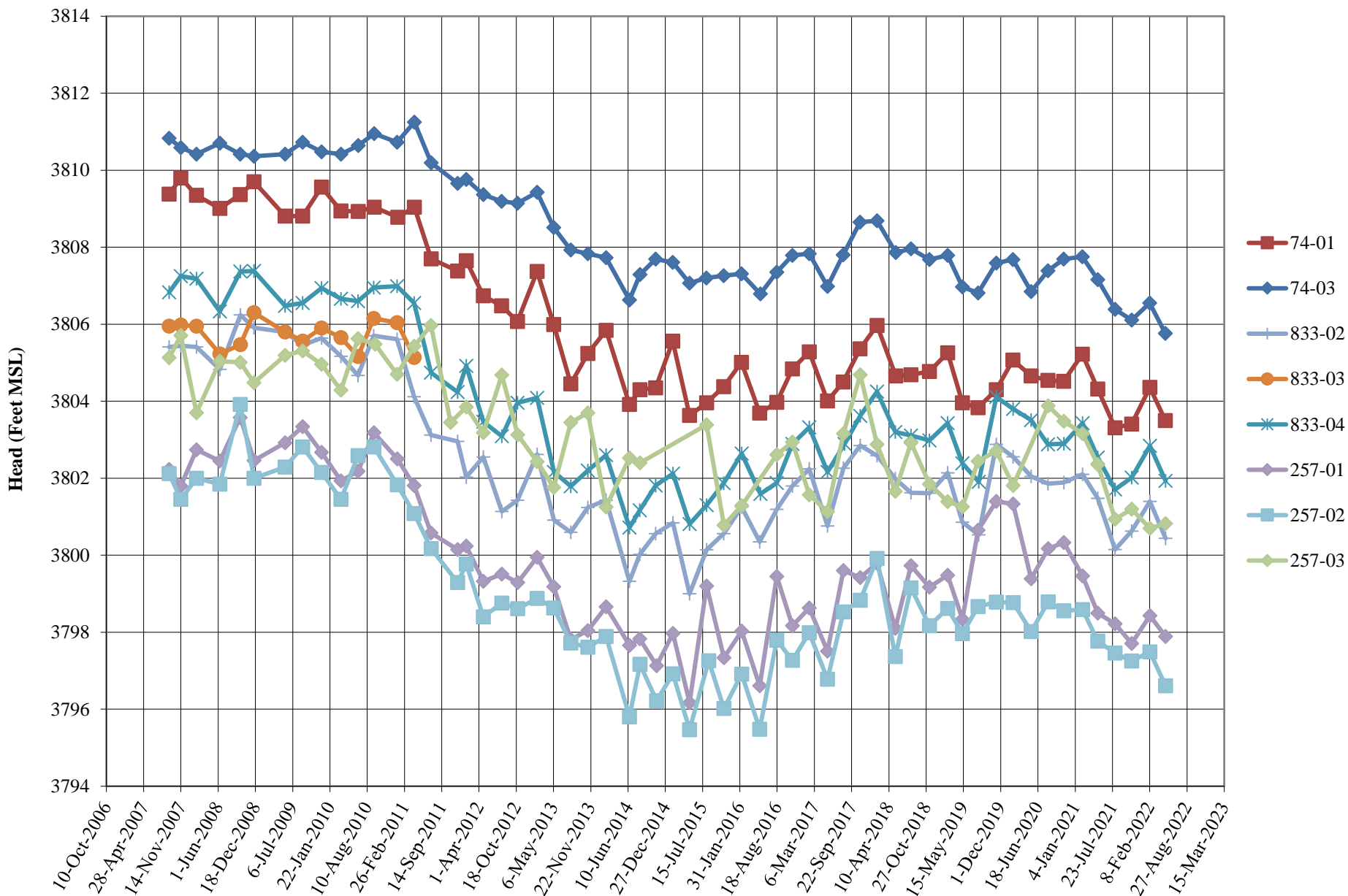


**APPENDIX C**  
**HYDROGRAPHS BY AREA**

# HYDROGRAPHS FOR SELECT DP MONITORING WELLS NORTHERN PORTION DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO

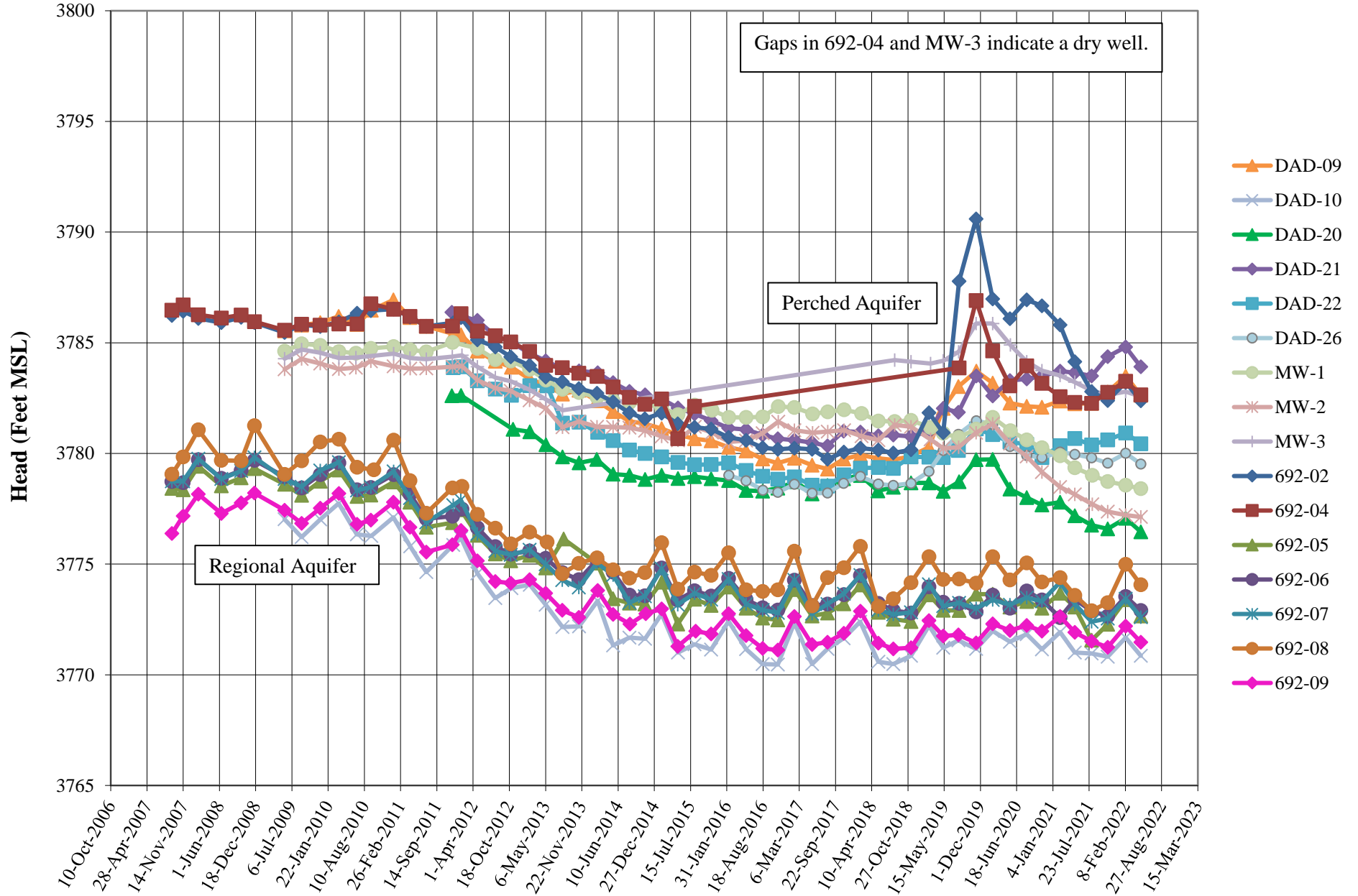


## HYDROGRAPHS FOR SELECT DP MONITORING WELLS CENTRAL PORTION DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO



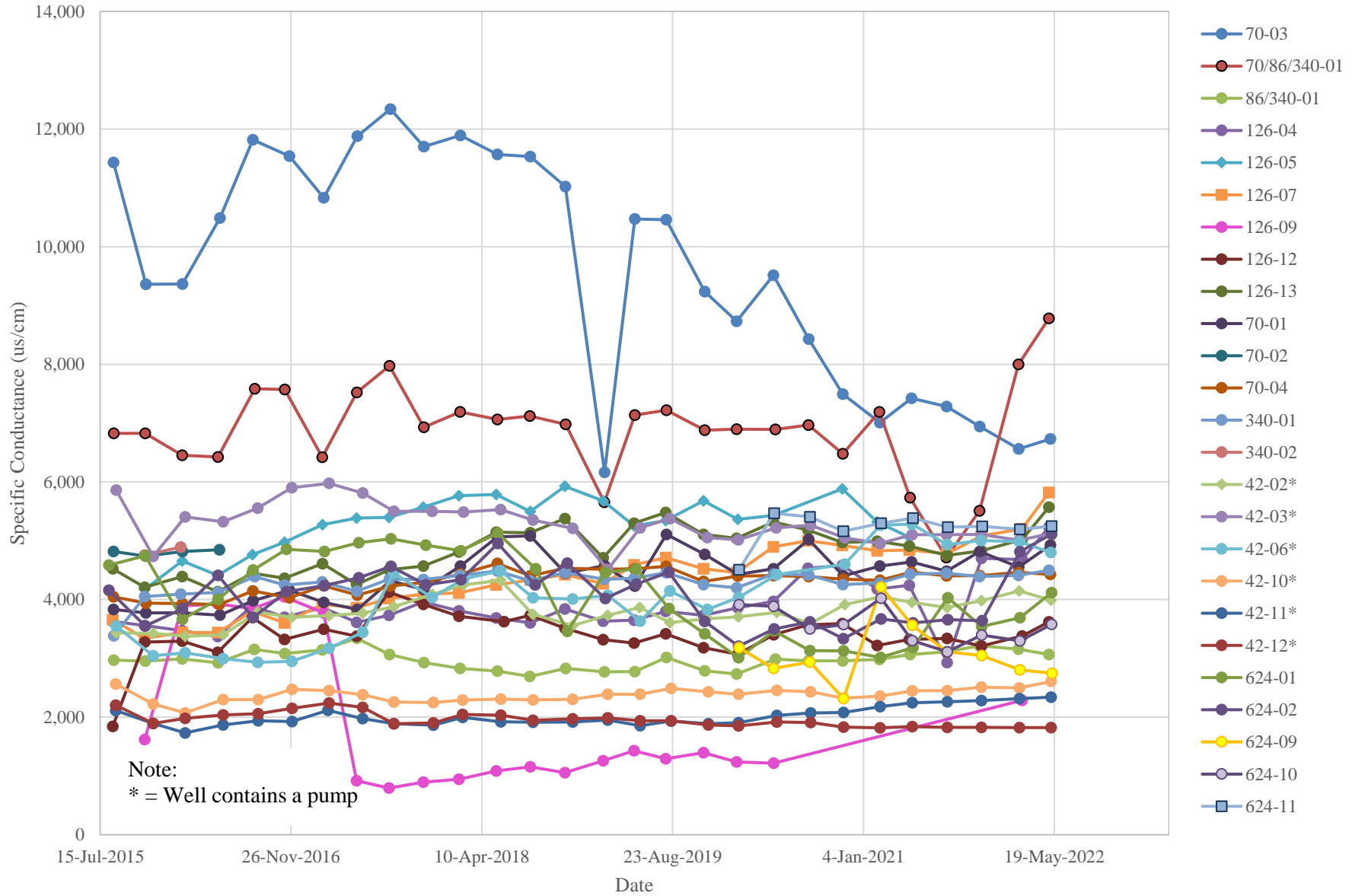


## HYDROGRAPHS FOR DP MONITORING WELLS SOUTHERN PORTION DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO

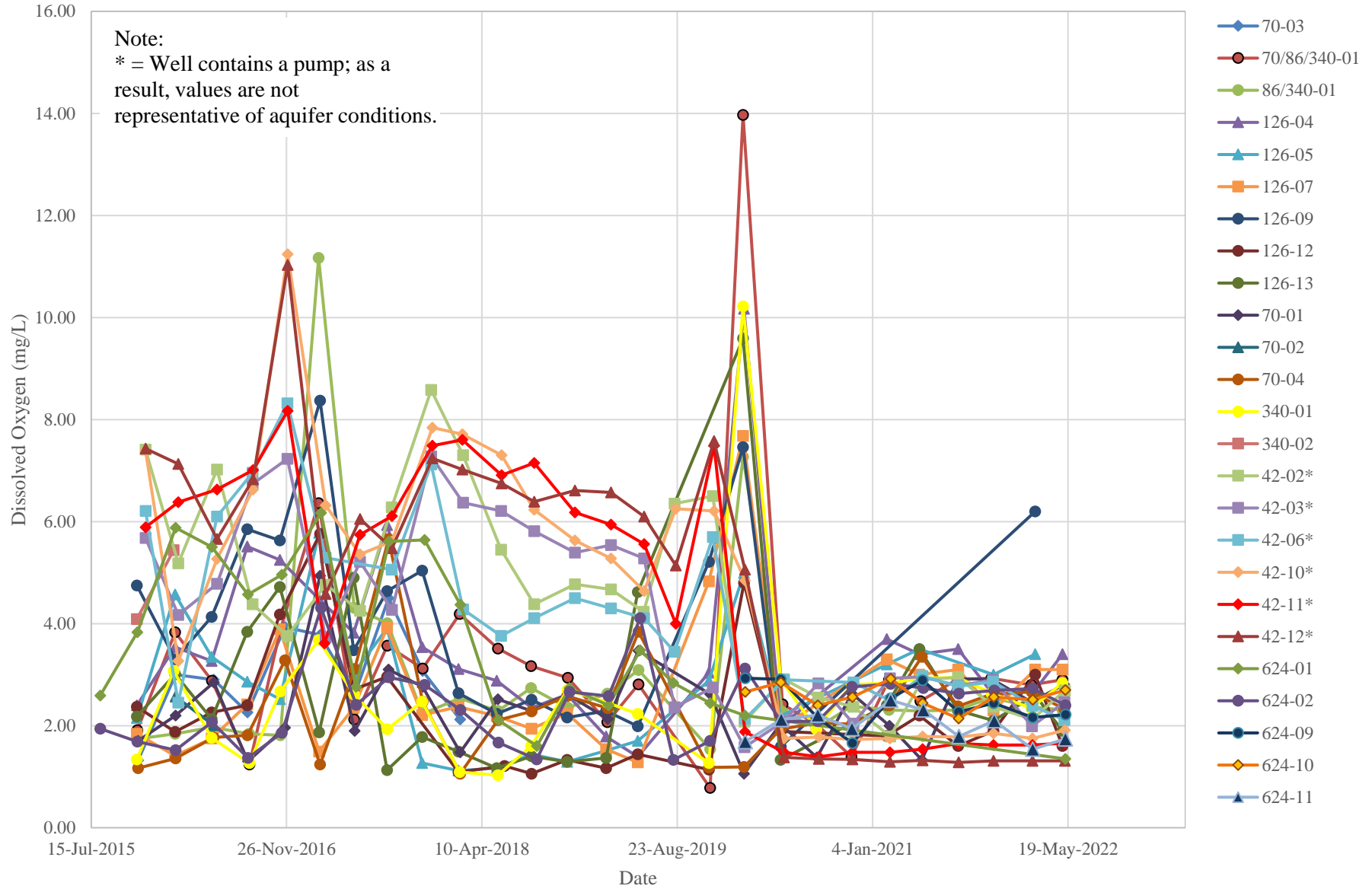


**APPENDIX D**  
**FIELD PARAMETER TRENDS BY AREA**

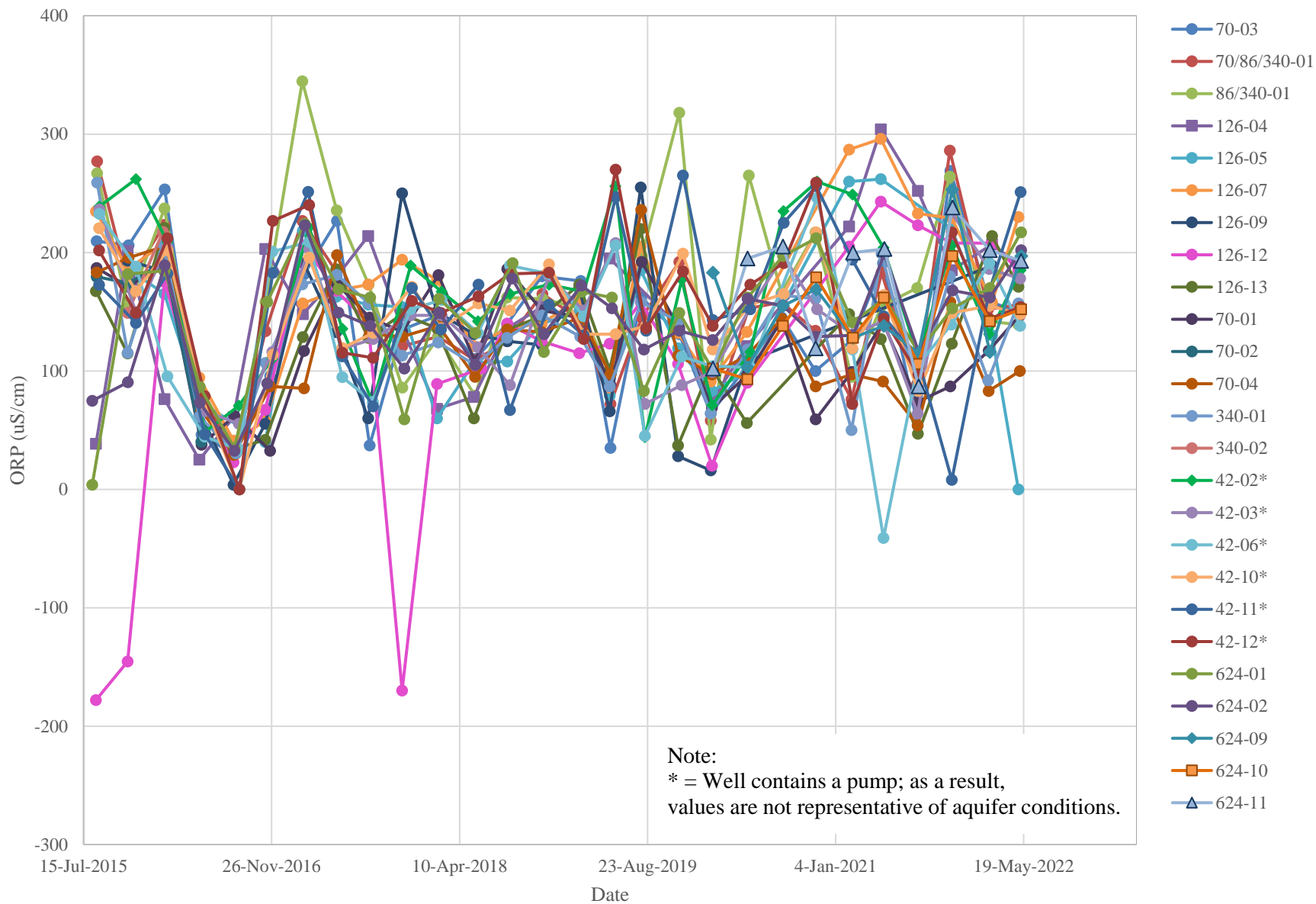
**SPECIFIC CONDUCTANCE TRENDS**  
**NORTHERN AREA DISCHARGE PLAN MONITORING WELLS**  
**DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



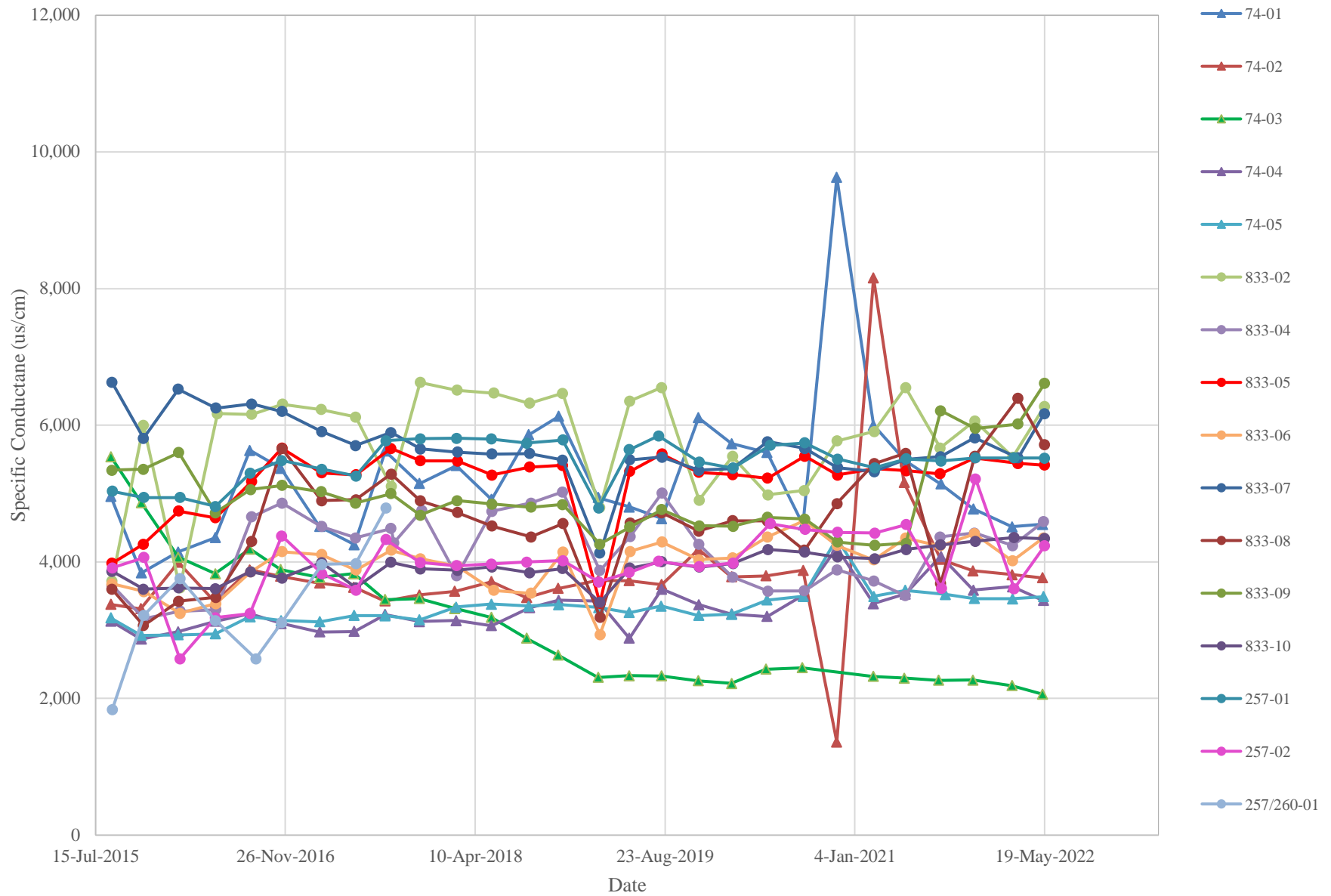
**DISSOLVED OXYGEN TRENDS  
NORTHERN AREA DISCHARGE PLAN MONITORING WELLS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



**OXIDATION-REDUCTION POTENTIAL TRENDS  
NORTHERN AREA DISCHARGE PLAN MONITORING WELLS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

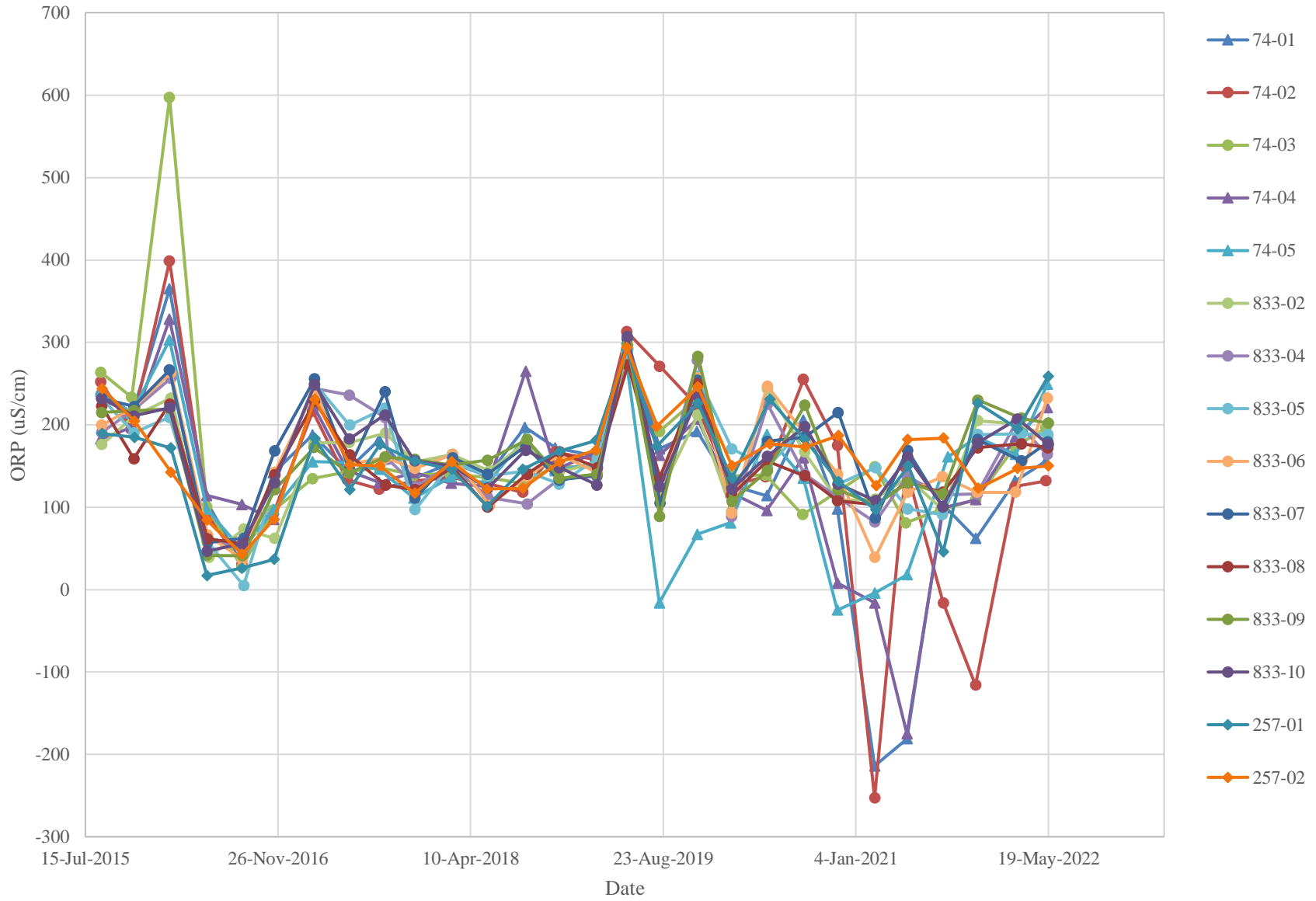


SPECIFIC CONDUCTANCE TRENDS  
CENTRAL AREA DISCHARGE PLAN MONITORING WELLS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO



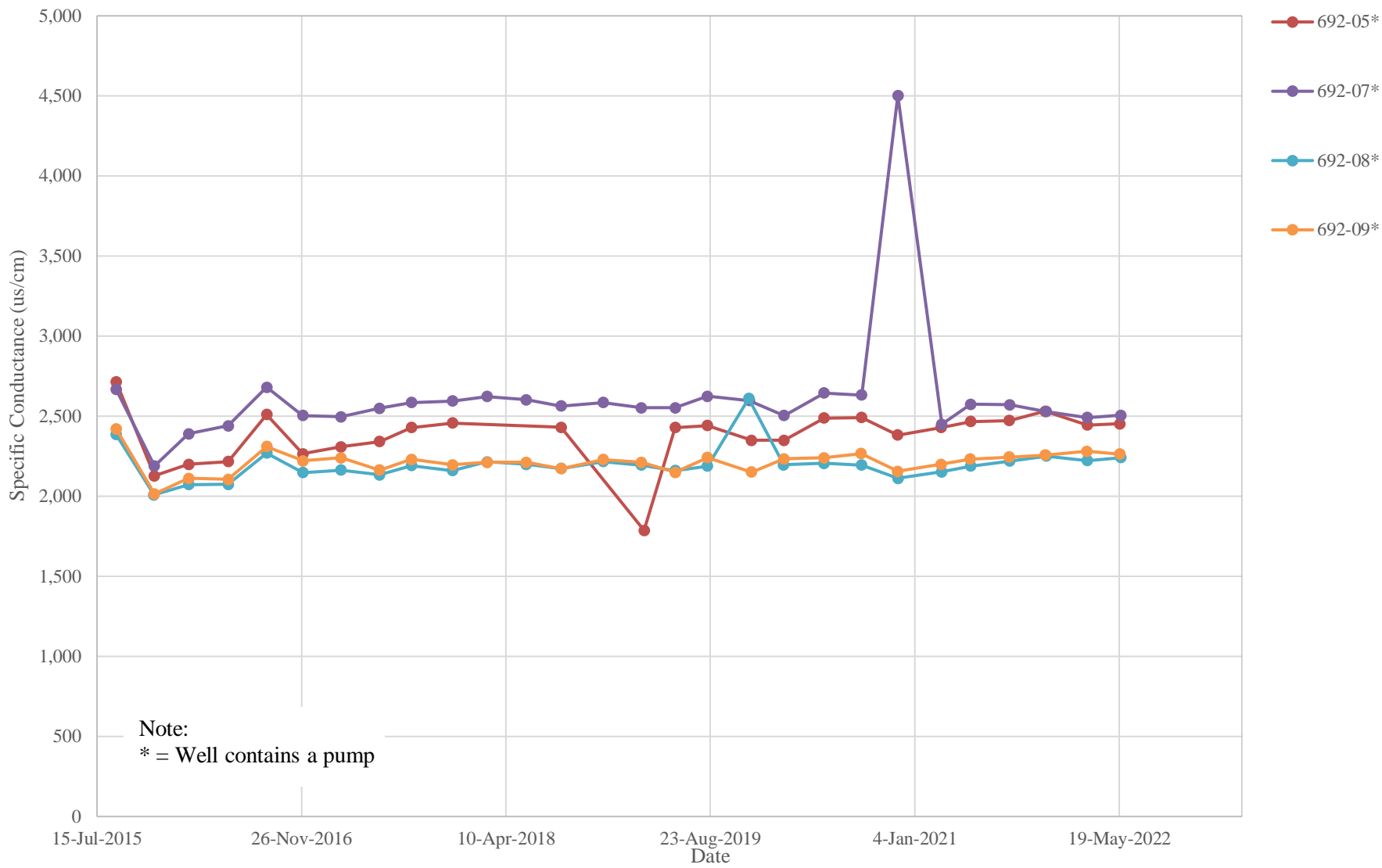


OXIDATION-REDUCTION POTENTIAL TRENDS  
CENTRAL AREA DISCHARGE PLAN MONITORING WELLS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO

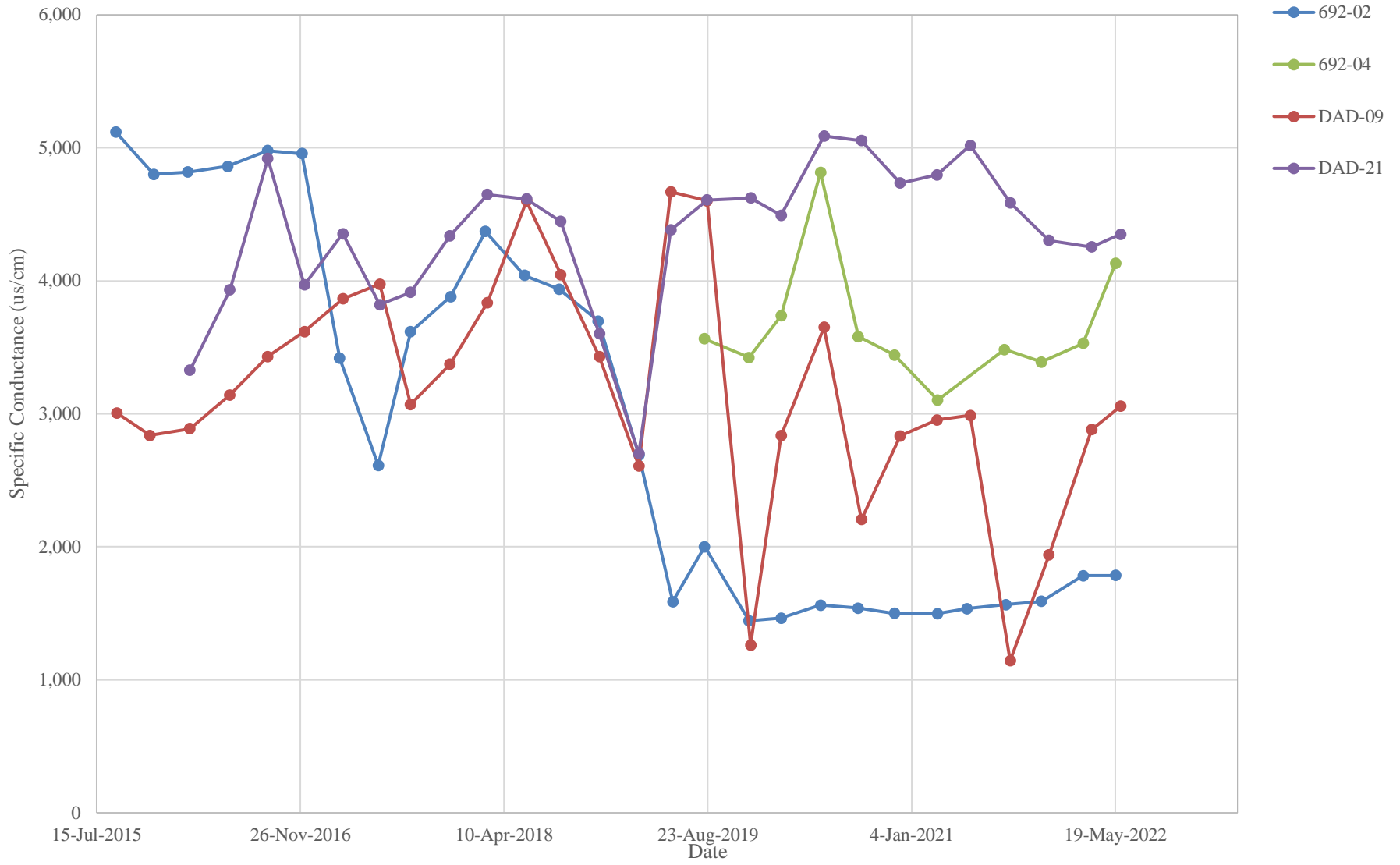




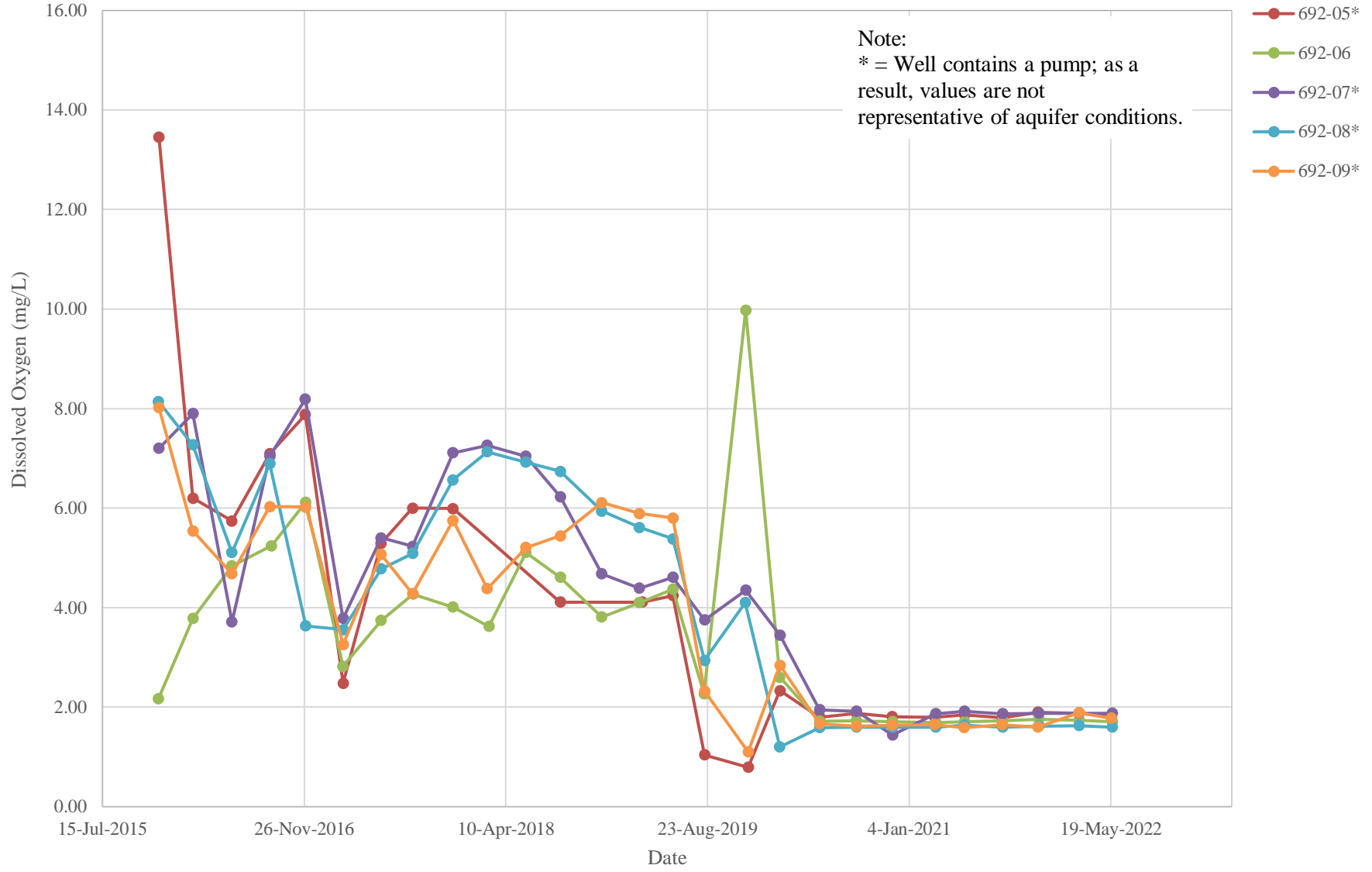
**SPECIFIC CONDUCTANCE TRENDS  
SOUTHERN AREA DISCHARGE PLAN MONITORING WELLS  
IN THE REGIONAL AQUIFER  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



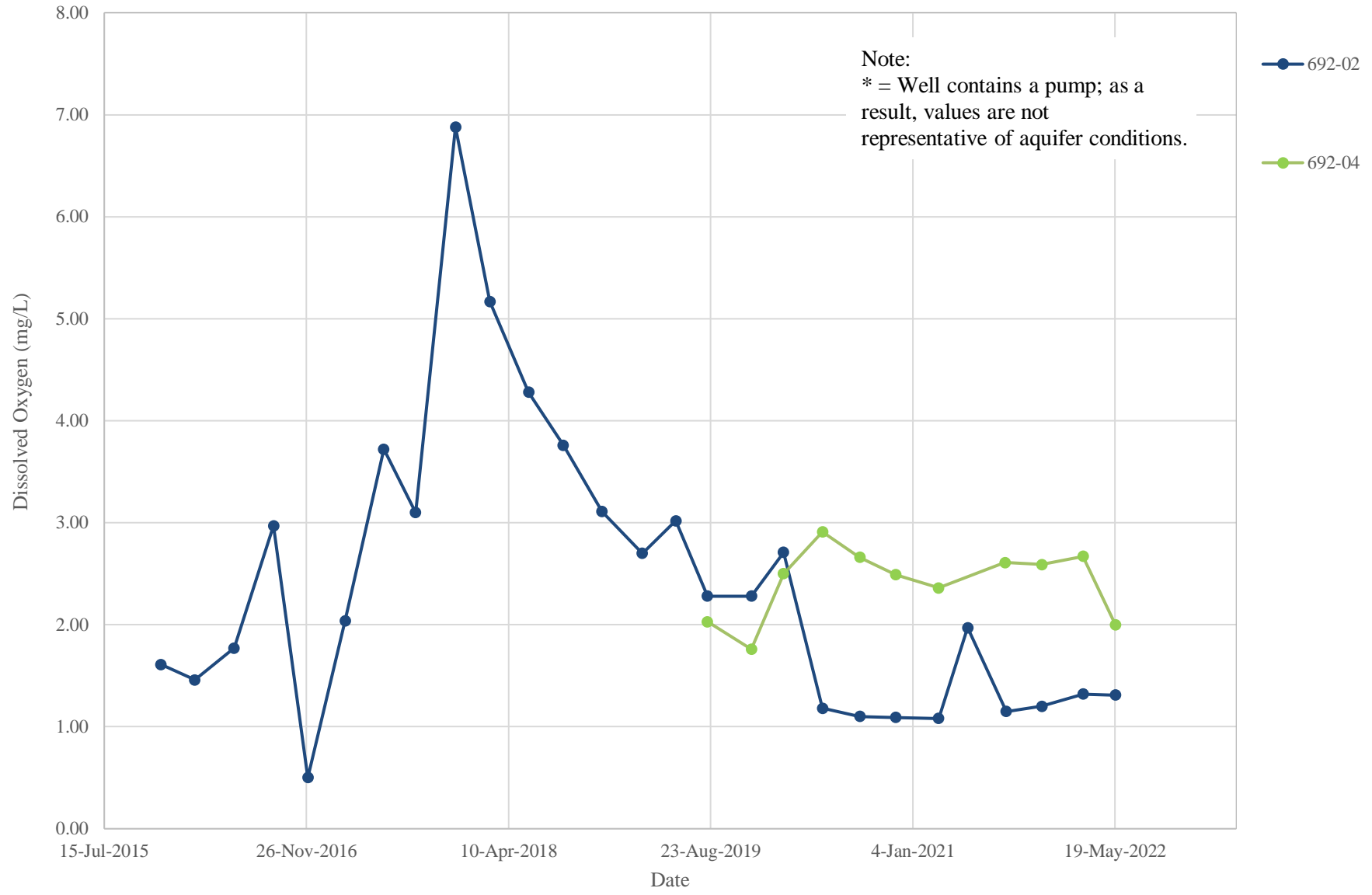
**SPECIFIC CONDUCTANCE TRENDS  
SOUTHERN AREA DISCHARGE PLAN MONITORING WELLS  
IN THE PERCHED AQUIFER  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



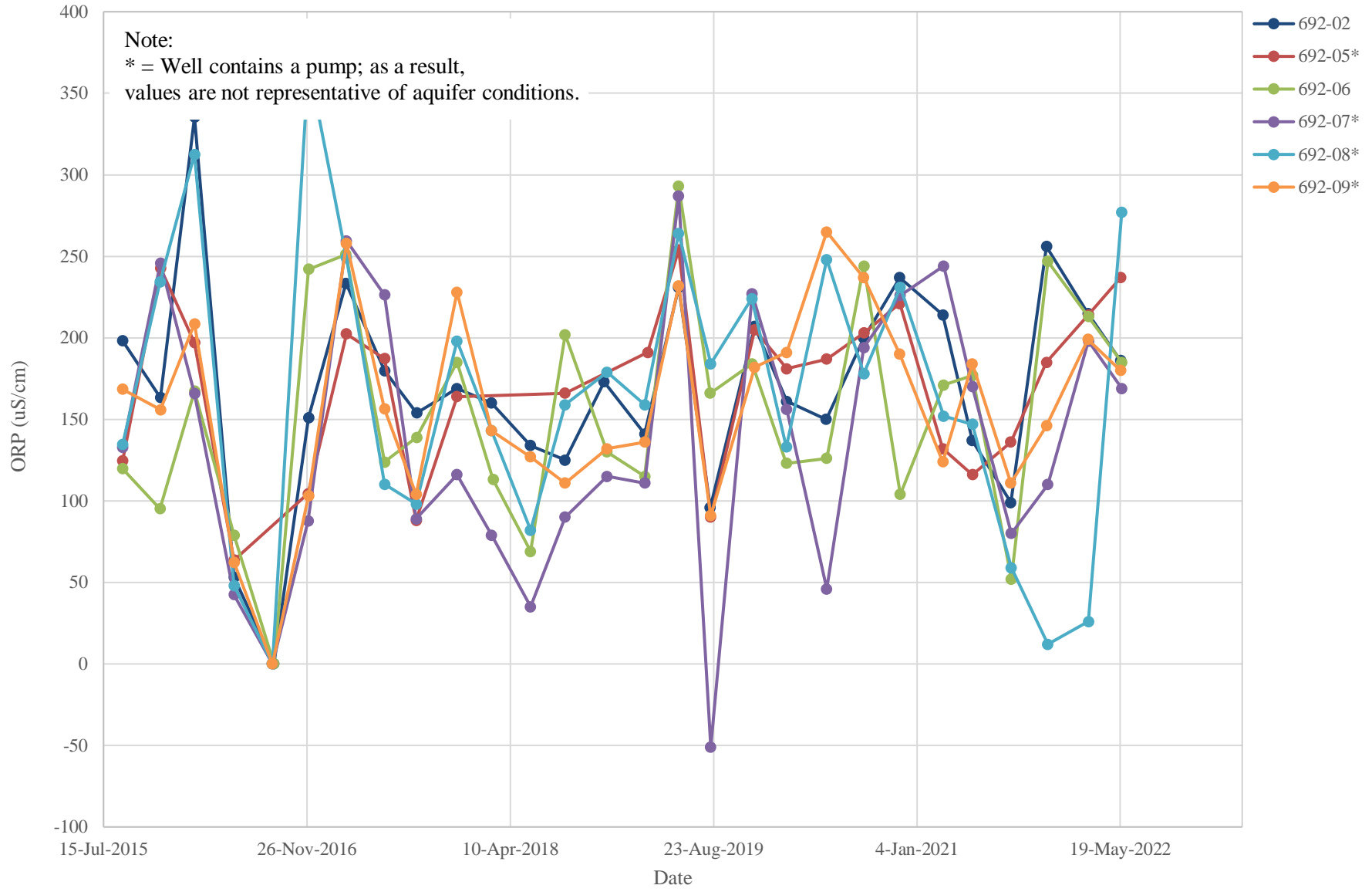
**DISSOLVED OXYGEN TRENDS  
SOUTHERN AREA DISCHARGE PLAN MONITORING WELLS  
IN THE REGIONAL AQUIFER  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



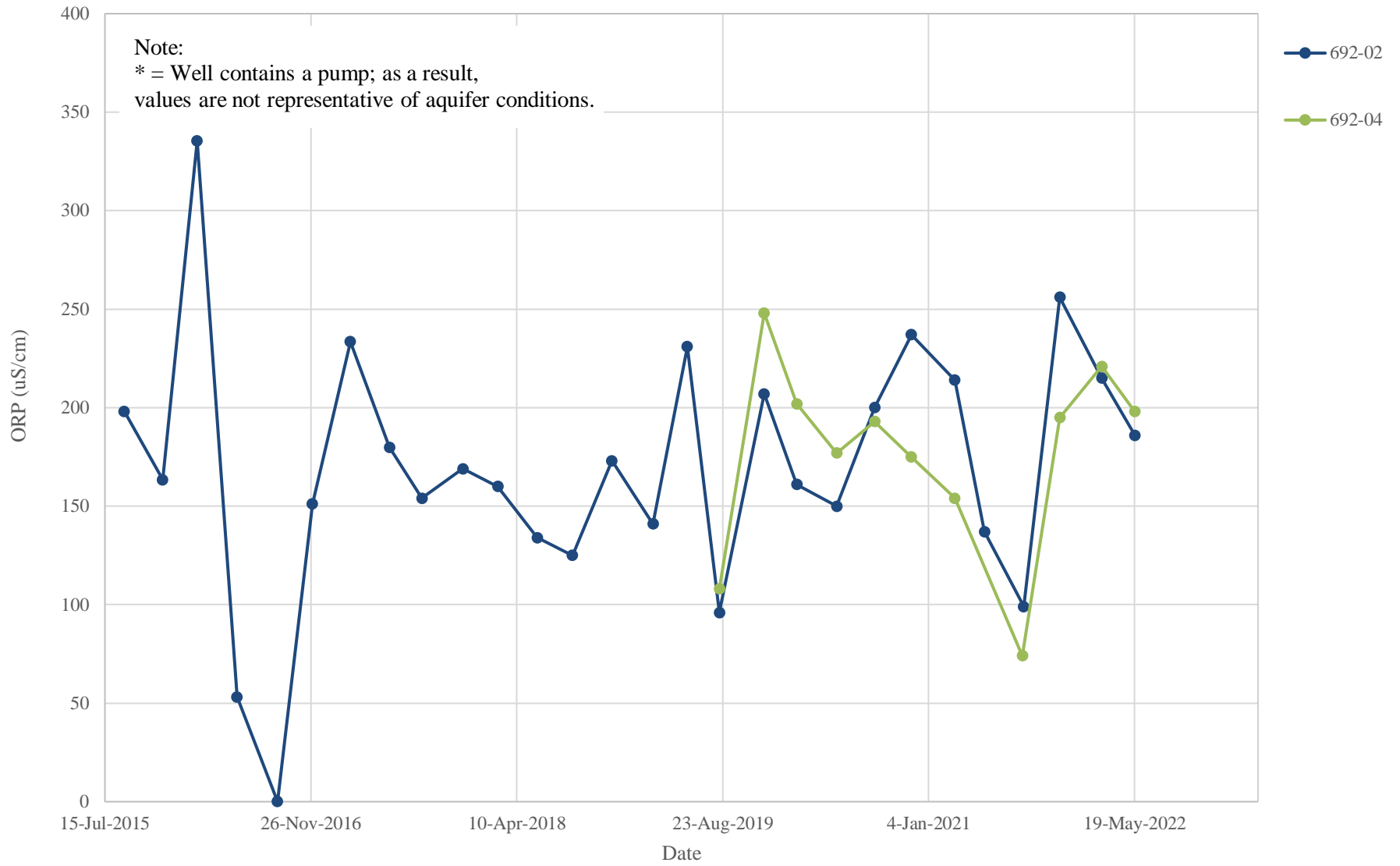
**DISSOLVED OXYGEN TRENDS**  
**SOUTHERN AREA DISCHARGE PLAN MONITORING WELLS**  
**DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



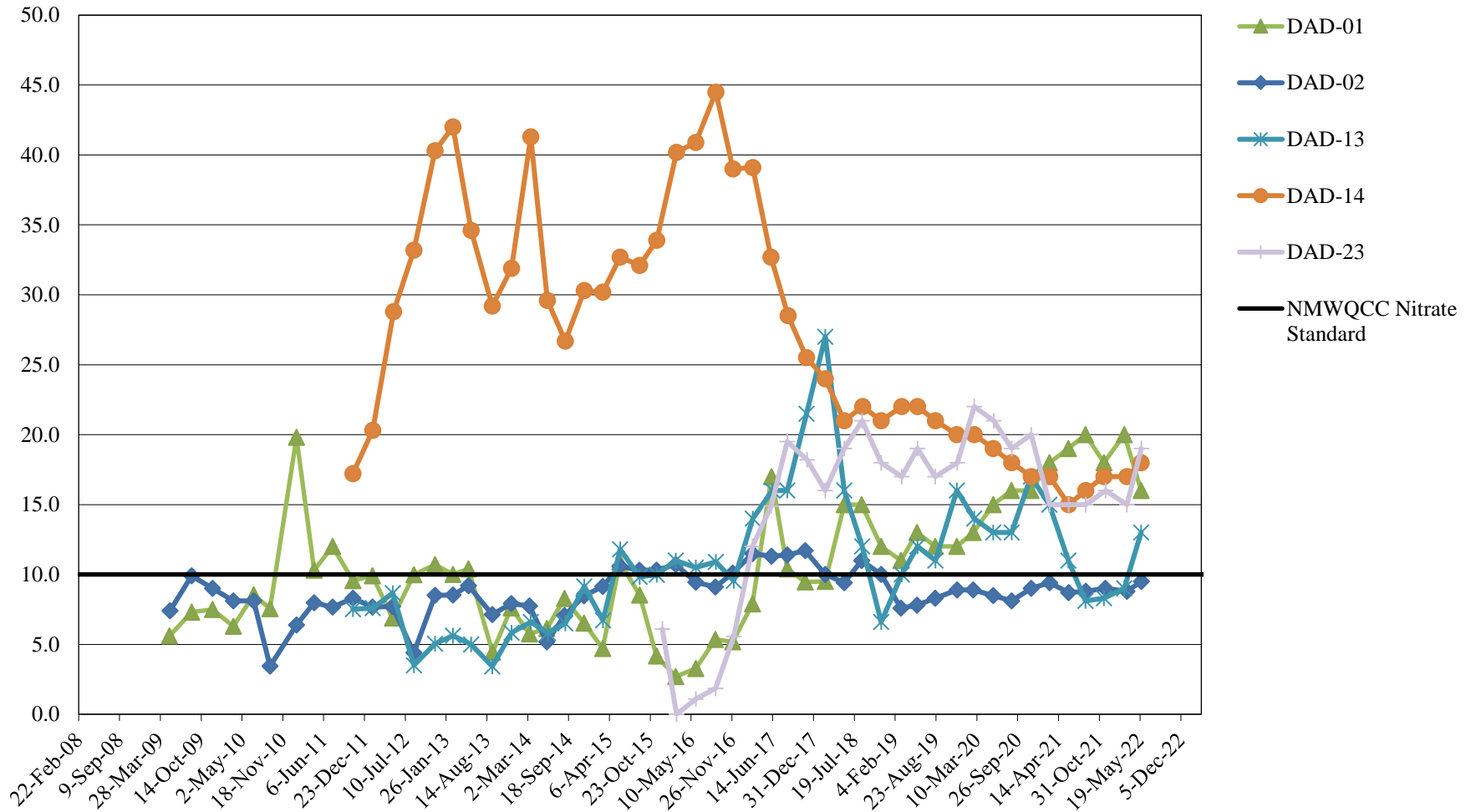
**OXIDATION-REDUCTION POTENTIAL TRENDS  
SOUTHERN AREA DISCHARGE PLAN MONITORING WELLS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



**OXIDATION-REDUCTION POTENTIAL TRENDS  
SOUTHERN AREA DISCHARGE PLAN MONITORING WELLS  
IN THE PERCHED AQUIFER  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



**NITRATE CONCENTRATION TRENDS  
NORTHERN ABATEMENT PLAN MONITORING WELLS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

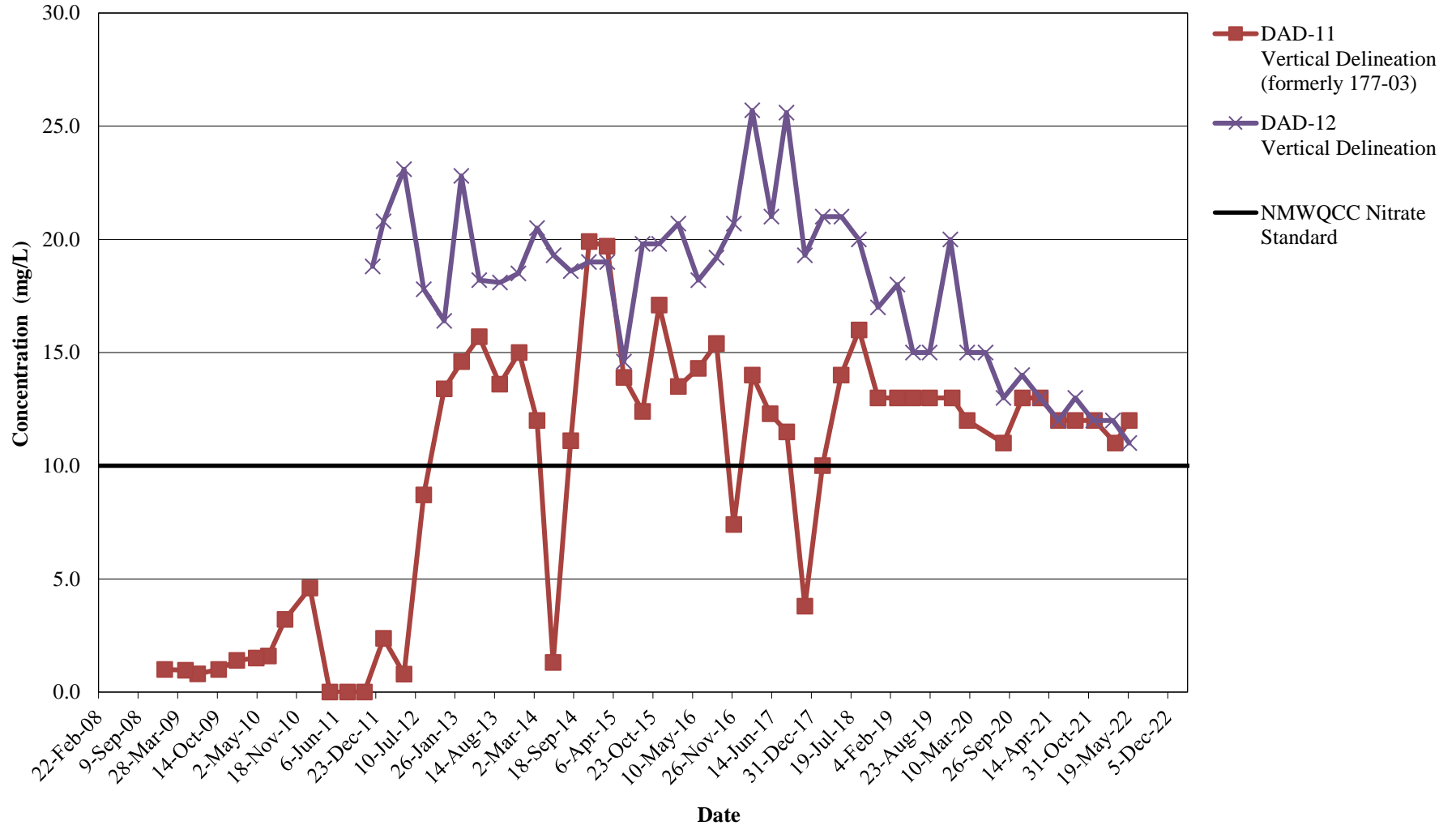


**APPENDIX E**

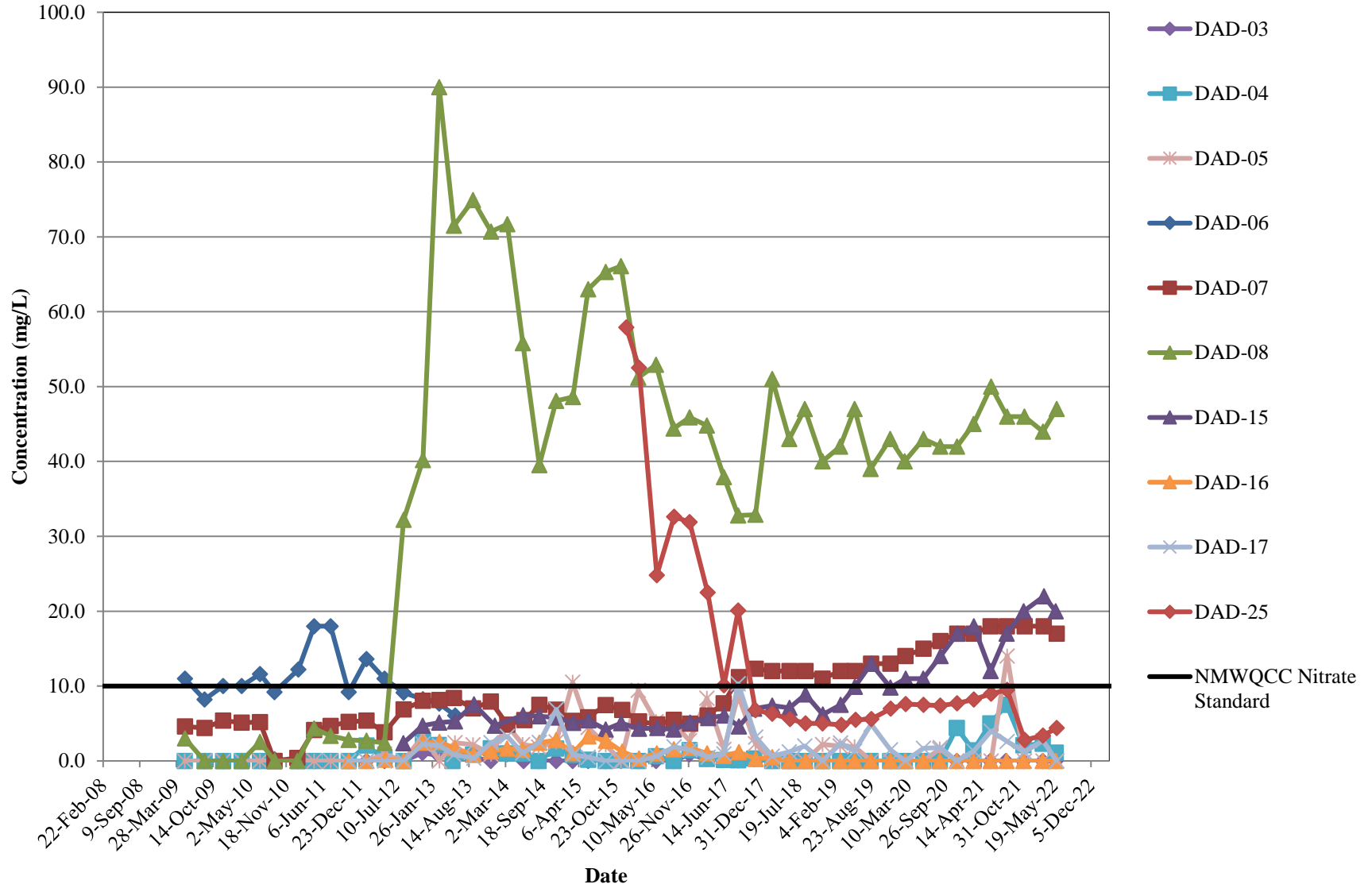
**CONCENTRATION TRENDS BY AREA -  
ABATEMENT PLAN WELLS**



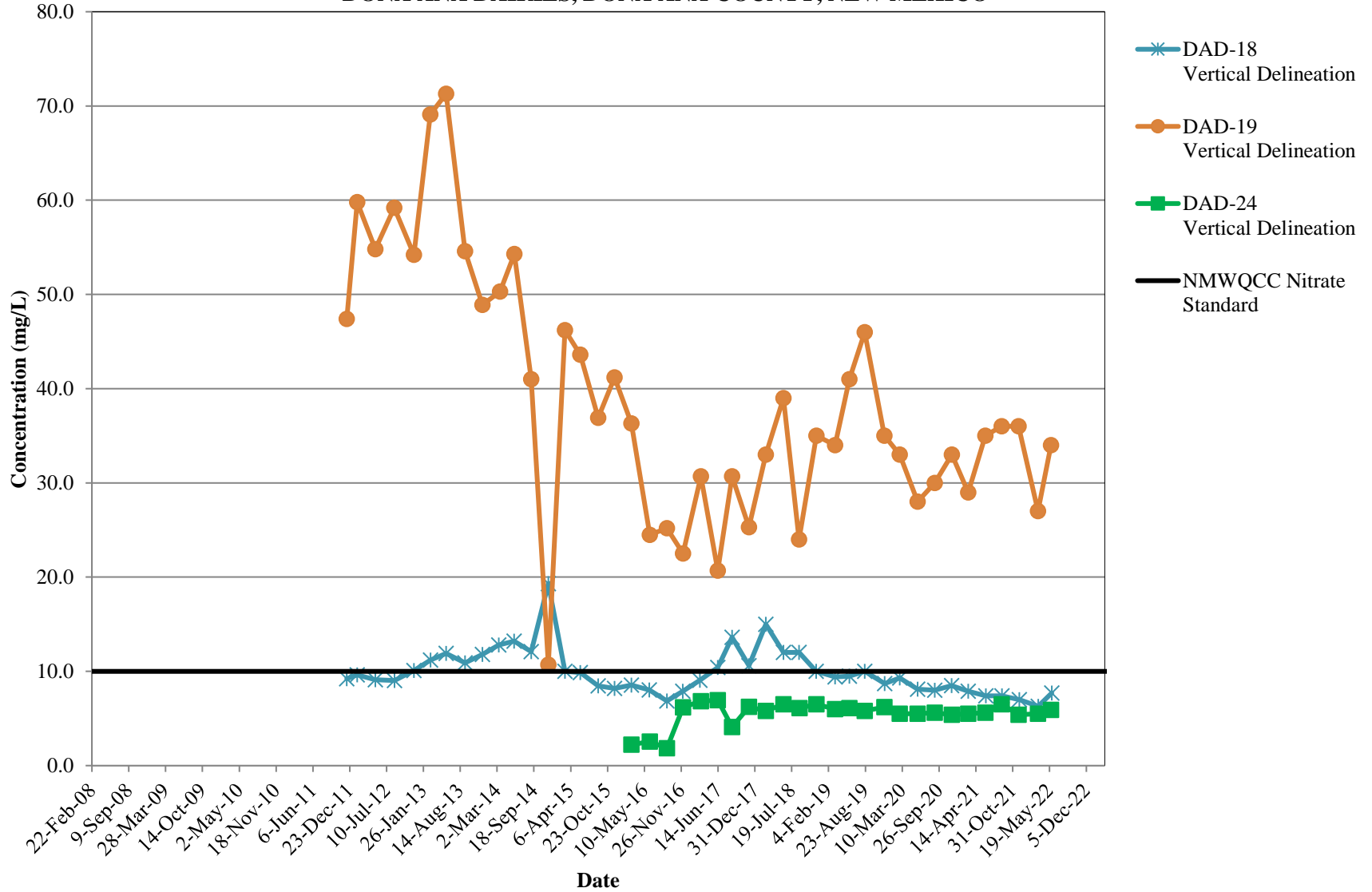
**NITRATE CONCENTRATION TRENDS  
 NORTHERN ABATEMENT PLAN MONITORING WELLS -  
 VERTICAL DELINEATION  
 DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



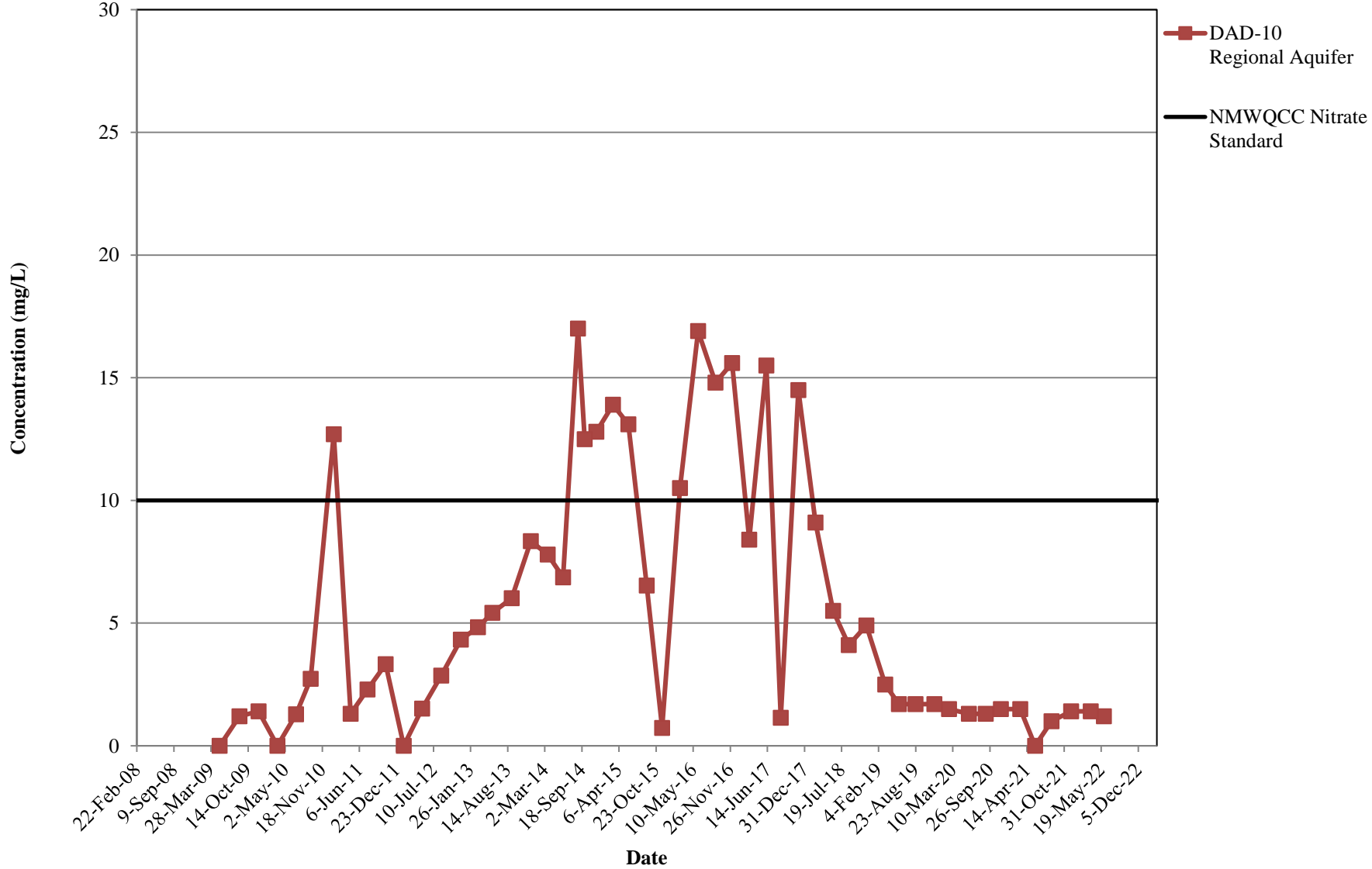
**NITRATE CONCENTRATION TRENDS  
CENTRAL ABATEMENT PLAN MONITORING WELLS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



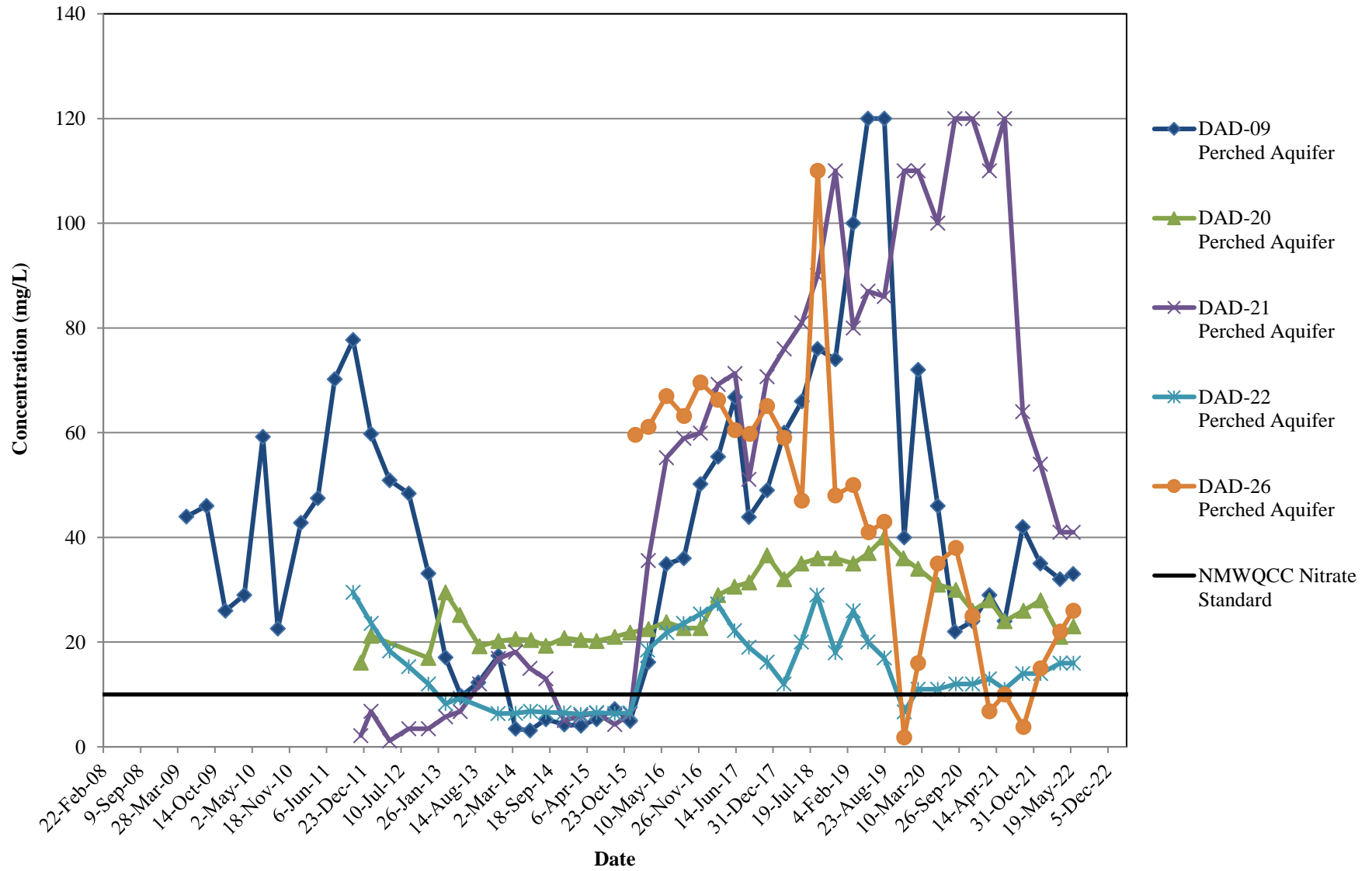
**NITRATE CONCENTRATION TRENDS  
CENTRAL ABATEMENT PLAN MONITORING WELLS -  
VERTICAL DELINEATION  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



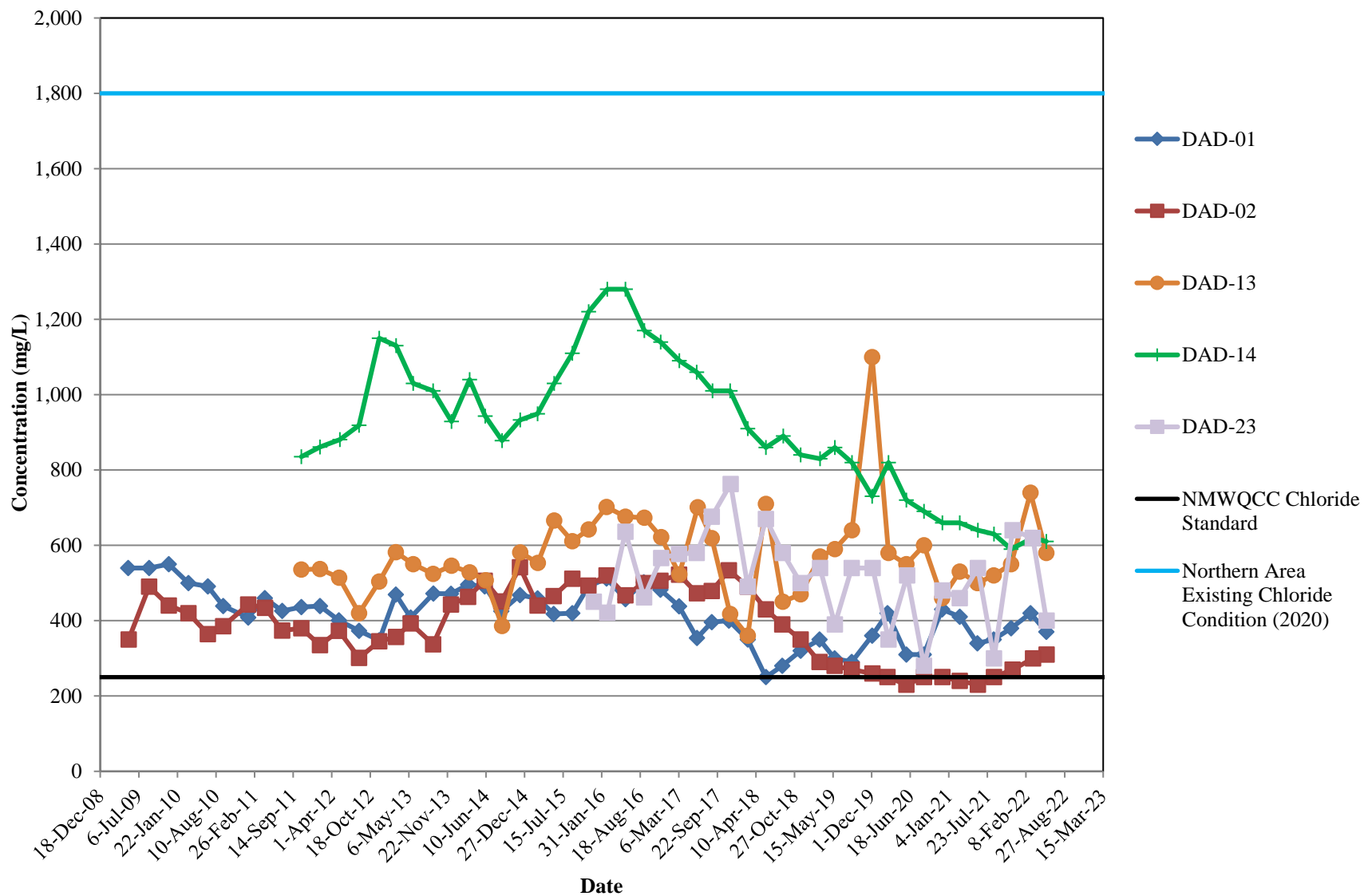
**NITRATE CONCENTRATION TRENDS  
SOUTHERN ABATEMENT PLAN MONITORING WELLS  
IN THE REGIONAL AQUIFER  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



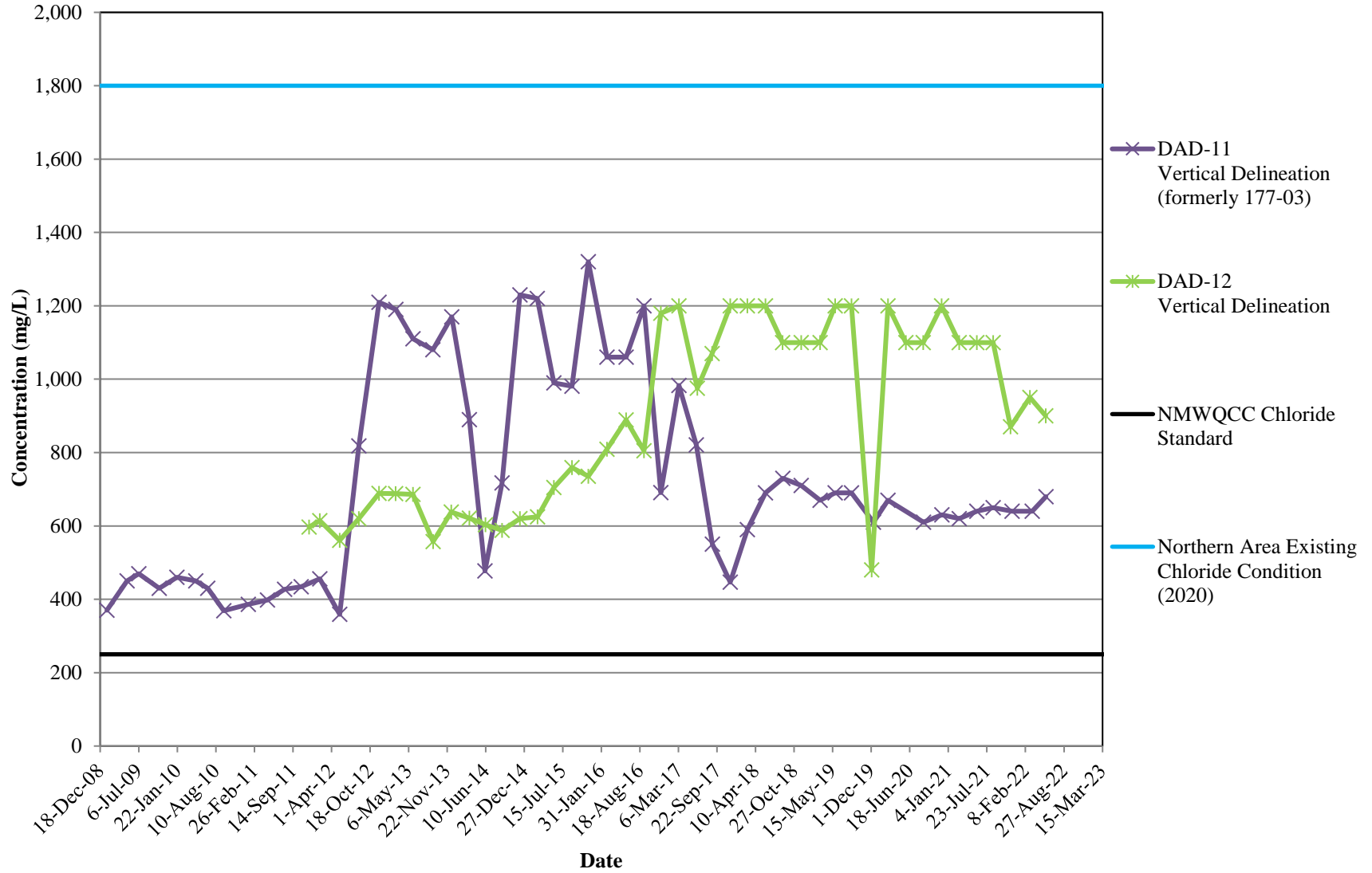
**NITRATE CONCENTRATION TRENDS  
SOUTHERN ABATEMENT PLAN MONITORING WELLS  
IN THE PERCHED AQUIFER  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



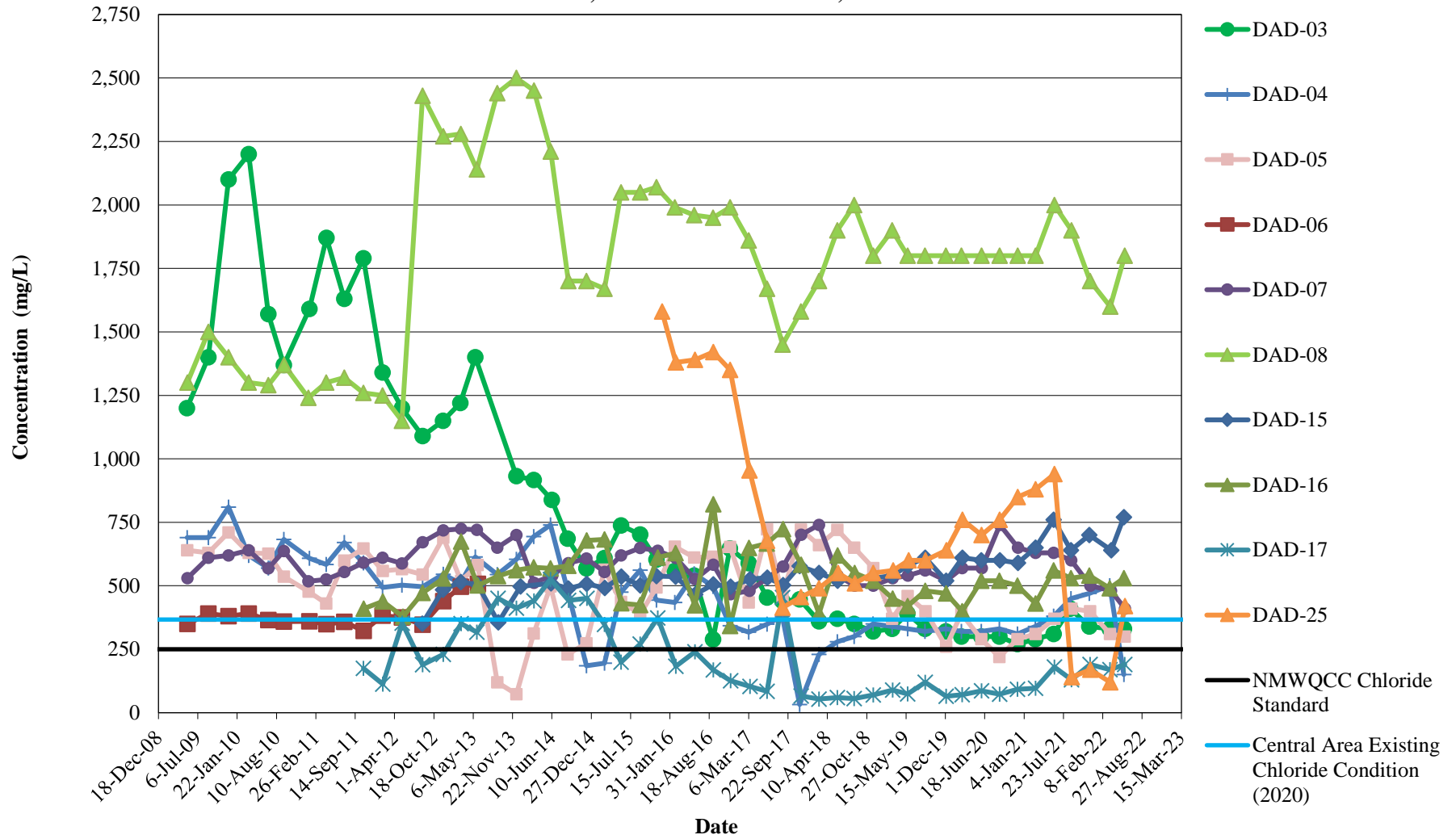
**CHLORIDE CONCENTRATION TRENDS  
NORTHERN ABATEMENT PLAN MONITORING WELLS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



**CHLORIDE CONCENTRATION TRENDS  
 NORTHERN ABATEMENT PLAN MONITORING WELLS -  
 VERTICAL DELINEATION  
 DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

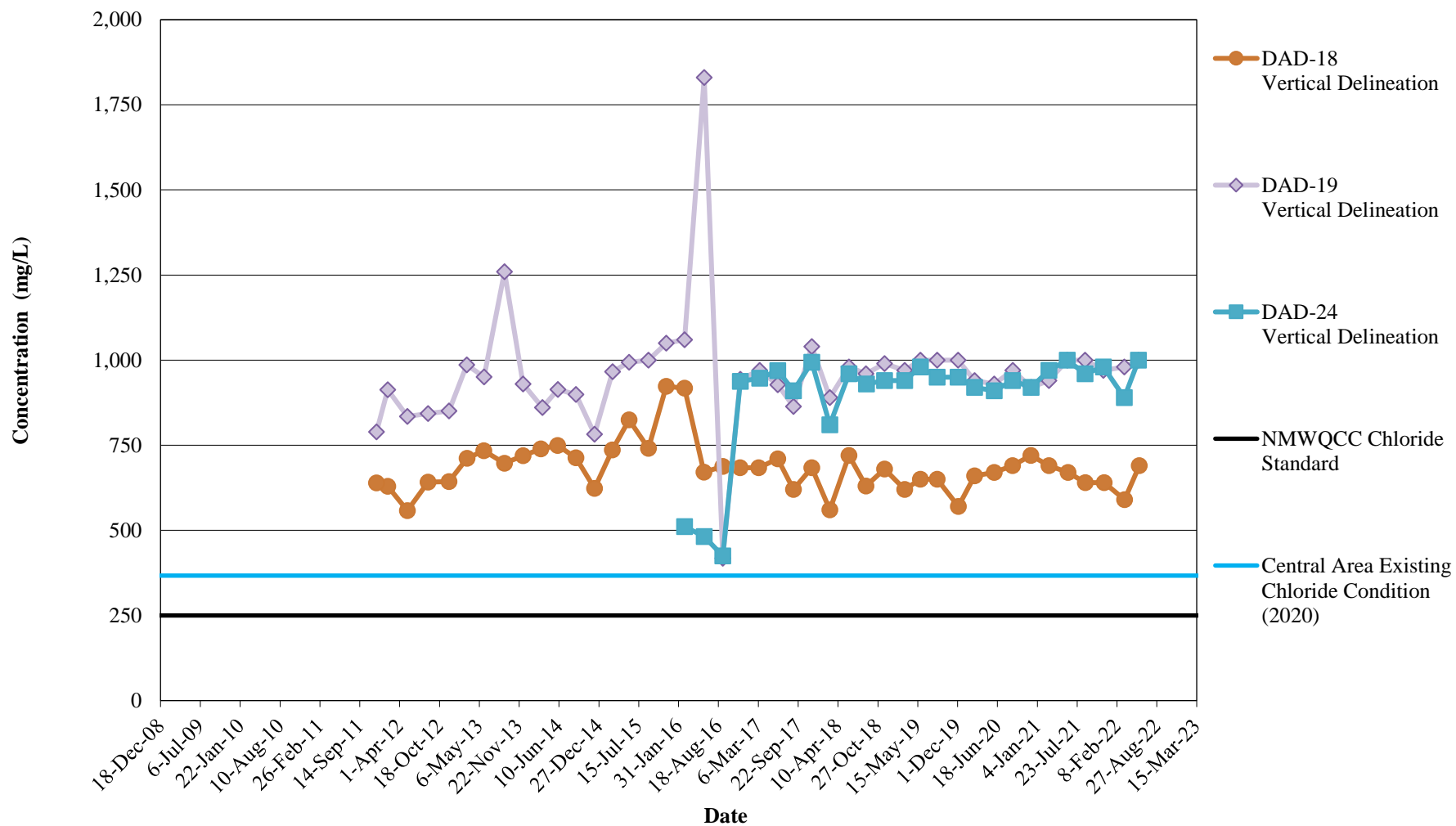


**CHLORIDE CONCENTRATION TRENDS  
CENTRAL ABATEMENT PLAN MONITORING WELLS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

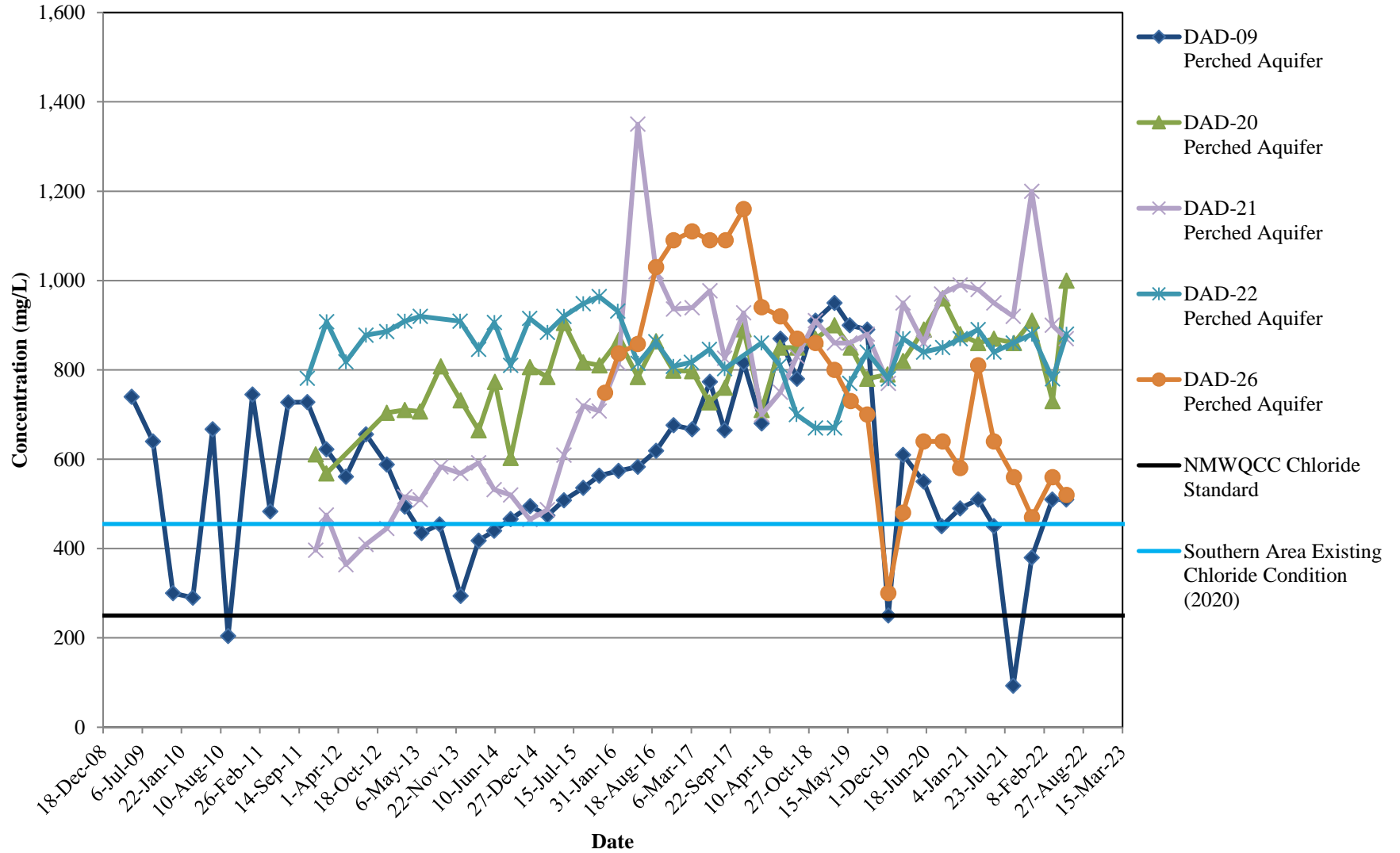




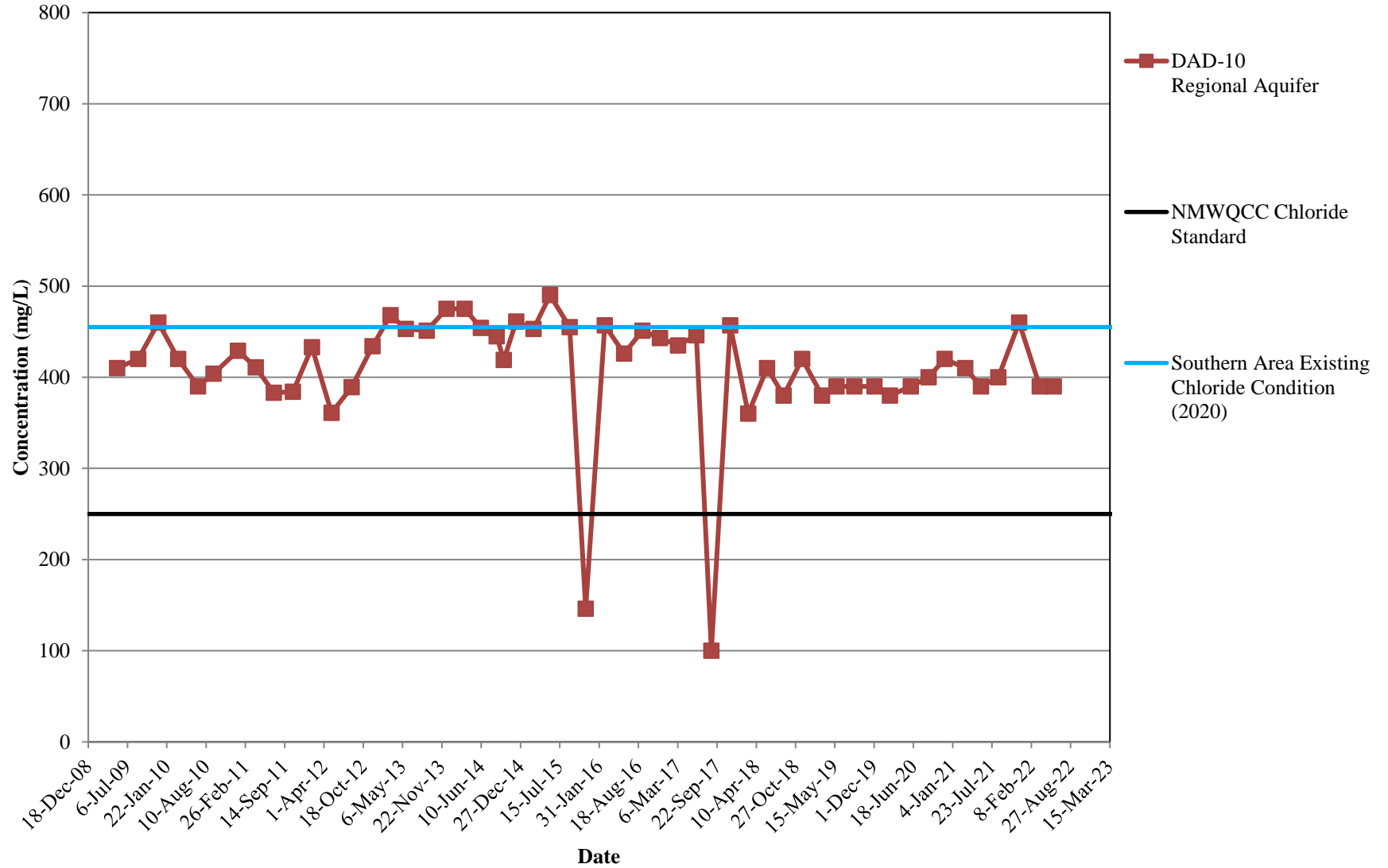
**CHLORIDE CONCENTRATION TRENDS  
CENTRAL ABATEMENT PLAN MONITORING WELLS -  
VERTICAL DELINEATION  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



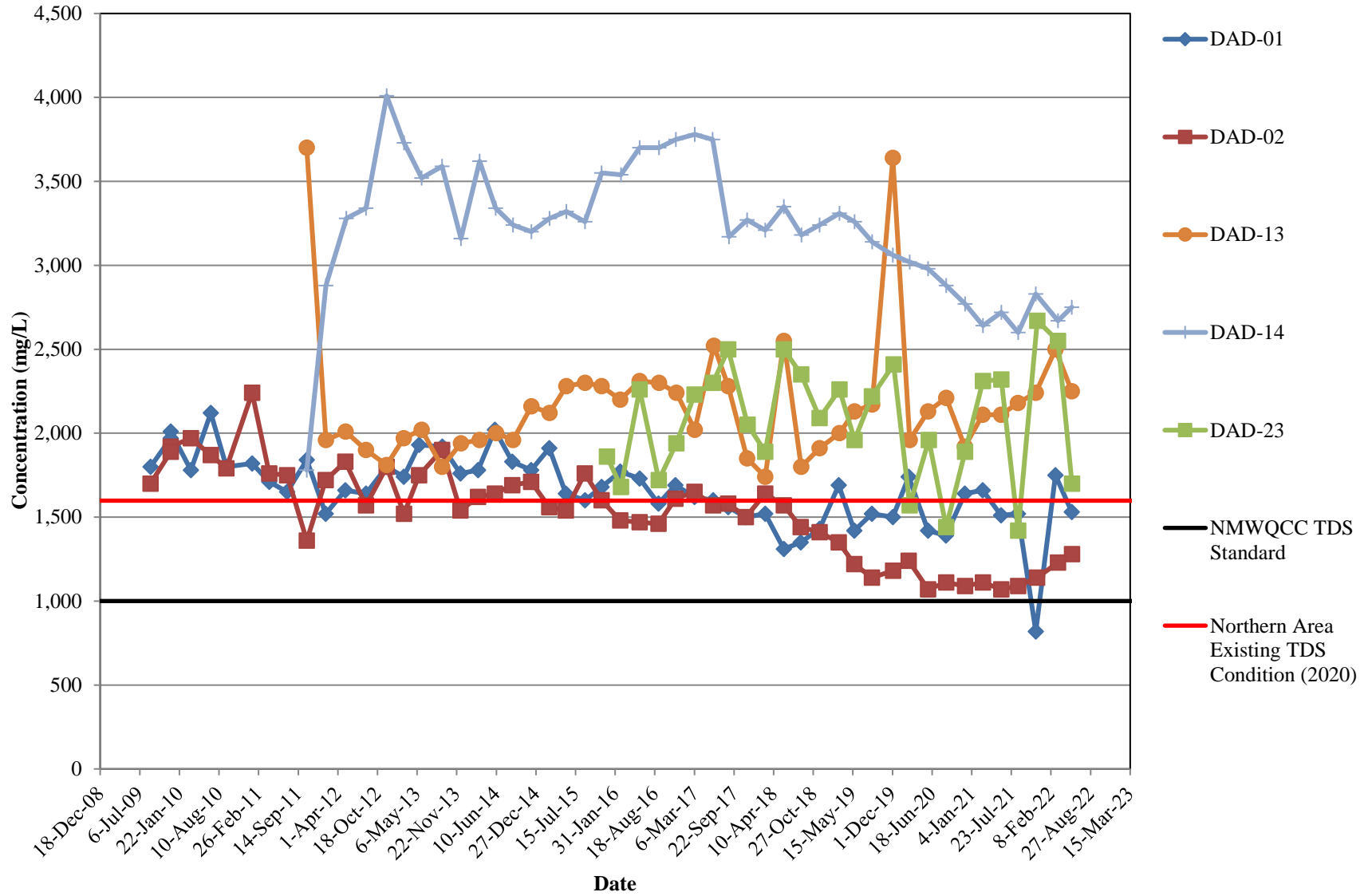
**CHLORIDE CONCENTRATION TRENDS  
SOUTHERN ABATEMENT PLAN MONITORING WELLS  
IN THE PERCHED AQUIFER  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



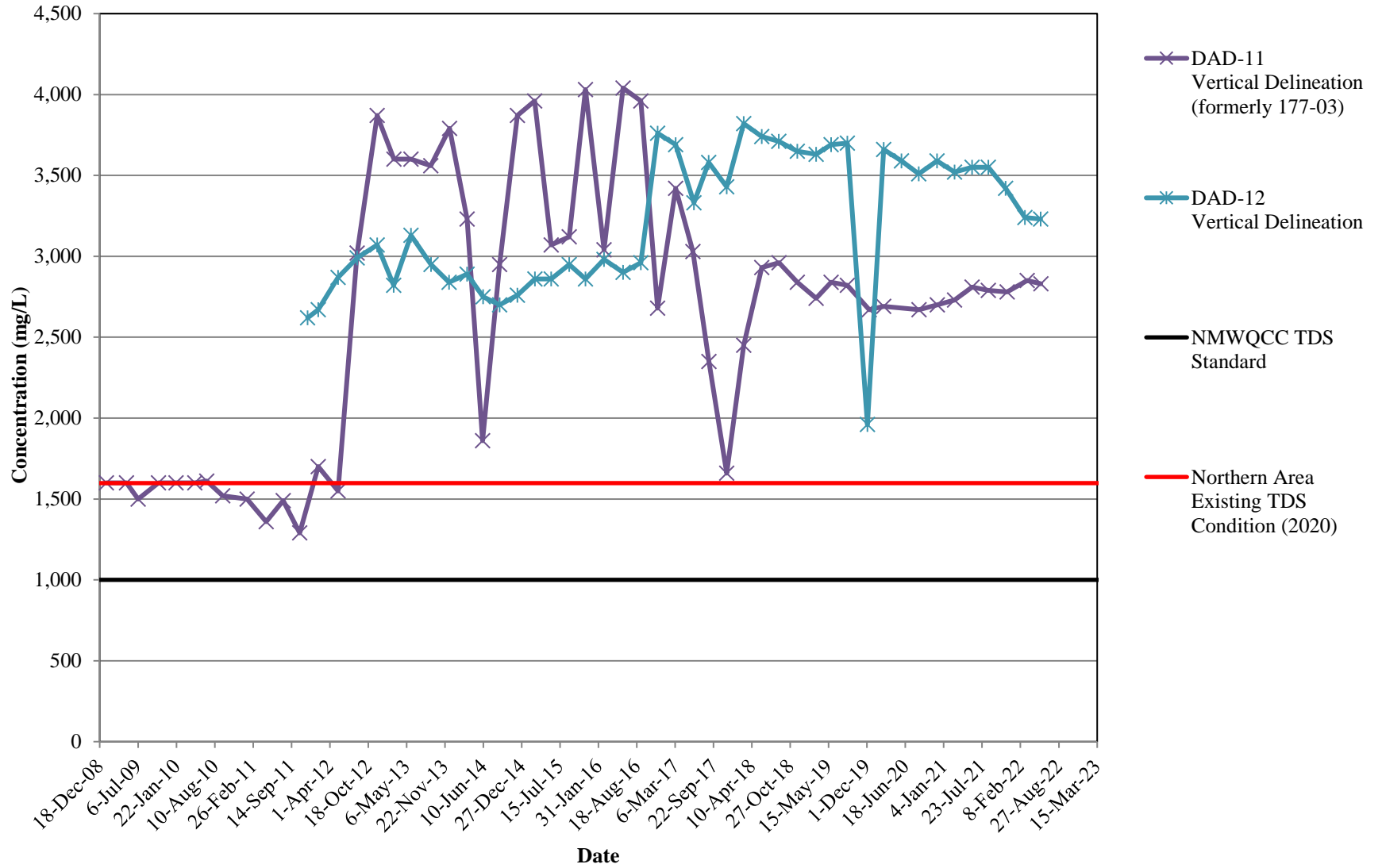
**CHLORIDE CONCENTRATION TRENDS  
SOUTHERN ABATEMENT PLAN MONITORING WELLS  
IN THE REGIONAL AQUIFER  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



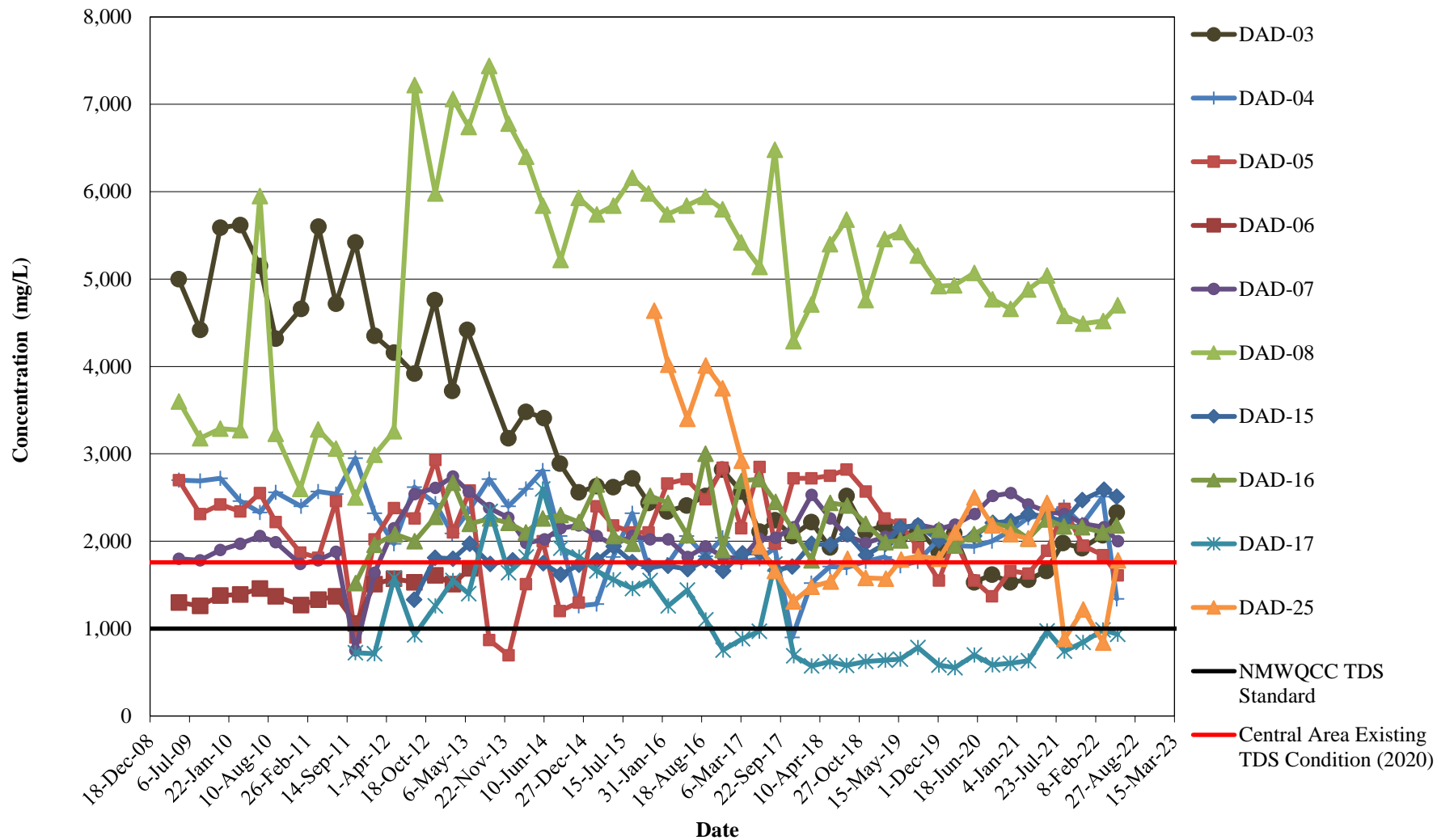
**TDS CONCENTRATION TRENDS  
NORTHERN ABATEMENT PLAN MONITORING WELLS  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



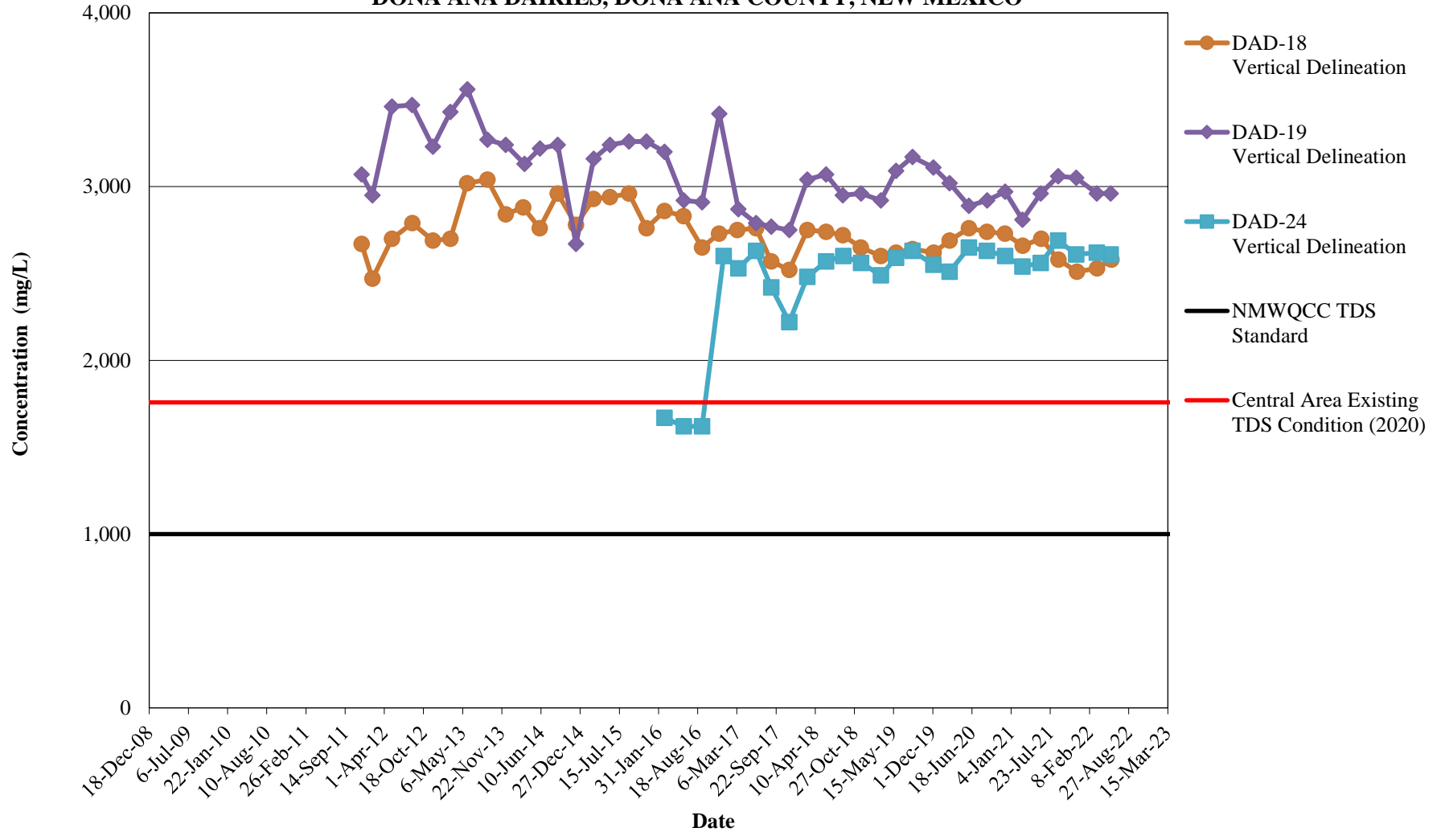
**TDS CONCENTRATION TRENDS  
 NORTHERN ABATEMENT PLAN MONITORING WELLS -  
 VERTICAL DELINEATION  
 DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



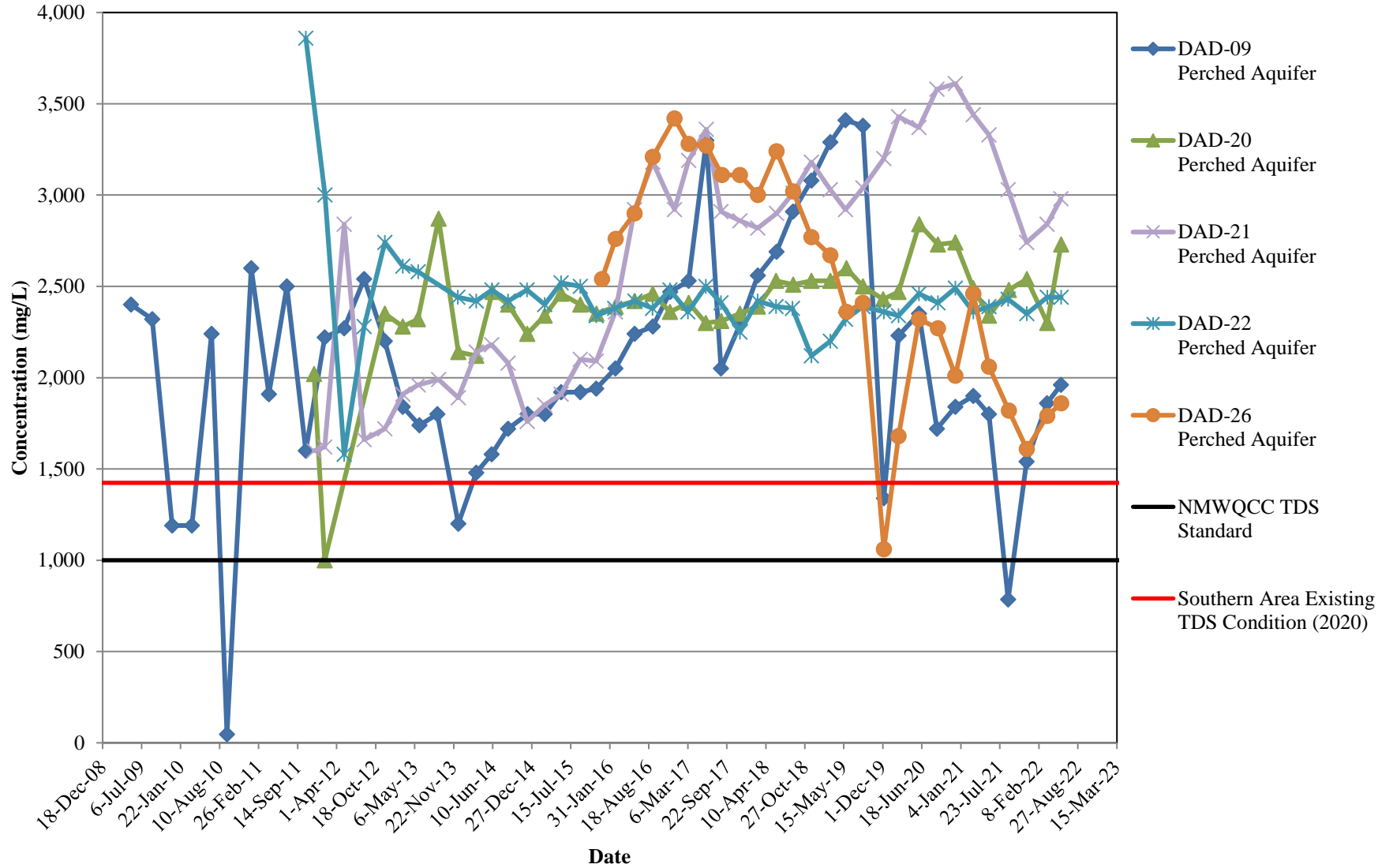
**TDS CONCENTRATION TRENDS**  
**CENTRAL ABATEMENT PLAN MONITORING WELLS**  
**DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



**TDS CONCENTRATION TRENDS  
CENTRAL ABATEMENT PLAN MONITORING WELLS -  
VERTICAL DELINEATION  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**



**TDS CONCENTRATION TRENDS  
SOUTHERN ABATEMENT PLAN MONITORING WELLS  
IN THE PERCHED AQUIFER  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**





**TDS CONCENTRATION TRENDS  
SOUTHERN ABATEMENT PLAN MONITORING WELLS  
IN THE REGIONAL AQUIFER  
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

