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October 31, 2013

Mr. Ray Montes
New Mexico Environment Department
Ground Water Quality Bureau
Remediation Oversight Section
1170 N. Solano, Ste. M
Las Cruces, NM 88001

Mr. Bart Faris
New Mexico Environment Department
Ground Water Quality Bureau
Remediation Oversight Section
5500 San Antonio Dr. NE
Albuquerque, New Mexico 87109

Dear Messrs. Montes and Faris:

On behalf of Doña Ana Dairies, Inc., EA Engineering, Science, and Technology, Inc. is submitting this Quarterly Groundwater Monitoring Report for Doña Ana Dairies located in Mesquite, Vado and Anthony, New Mexico. The report discusses the quarterly groundwater sampling event conducted to fulfill requirements of the Stage 1 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 blue ink, appearing to read 'Teri McMillan', written in a cursive style.

Teri McMillan
Project Manager

A handwritten signature in blue ink, appearing to read 'Jay Snyder', written in a cursive style.

Jay Snyder
Senior Hydrogeologist

Enclosure

Cc: Linda Armstrong, Doña Ana Dairies
File



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.
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October 2013

EA Project No. 1464103.0006



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320 Gold Avenue SW, Suite 1210
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Teri McMillan
Project Manager

10/31/13

Date

Jay Snyder
Senior Hydrogeologist

10/31/13

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1.0 INTRODUCTION

On behalf of Doña Ana Dairies (Dairies), EA Engineering, Science, and Technology, Inc. (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 1 and 2 Abatement Plan Proposal and Sampling and Analysis Plan, Doña Ana Dairies, Doña Ana County, New Mexico* dated December 11, 2006 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, 6.2 §4106 through §4110. The Stage 1 and 2 Abatement Plan was approved on June 16, 2008 by the New Mexico Environment Department (NMED) Ground Water Quality Bureau (GWQB). The Sampling and Analysis Plan was approved by the NMED GWQB on September 25, 2008.

1.1 Objective

The objective of this monitoring program is to satisfy the requirements set forth in NMAC 20.6.2 4106 C, Stage 1 Abatement Plan monitoring program.

The following work was performed to meet the objective of the monitoring program, and included:

- On August 6 and 7, 2013, two representatives from D&H Petroleum and Environmental Services, Inc. (D&H) gauged all discharge plan (DP) and abatement plan (AP) monitoring wells. Several wells were re-measured on August 14, 2013.
- Starting on August 8, 2013, D&H representatives collected groundwater samples from 19 of the 22 AP wells, each Dairy's DP monitoring wells, and DP specified lagoons. AP wells DAD-03, DAD-06 and DAD-22 did not contain enough water to sample. The sampling campaign lasted about one month, ending on September 10, 2013. The samples were delivered to TraceAnalysis, Inc. and analyzed for nitrate using EPA Method 300.0 or SM 4500 NO₃ E, chloride by EPA Method 300.0, total dissolved solids (TDS) by Method SM 2540C, and total Kjeldhal nitrogen (TKN) by Method SM 4500 N org C;
- The most recent groundwater gauging and analytical results are compiled into this Quarterly Groundwater Monitoring Report.

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 NMAC 6.2 §3103). 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).

On December 11, 2006, on behalf of the Doña Ana Dairies, Golder Associates (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 Doña Ana Dairies response (2006) 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 conceptual work plan (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 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.

Quarterly groundwater monitoring is currently being conducted.

2.0 GROUNDWATER MONITORING ACTIVITIES

Groundwater monitoring activities conducted by D&H included gauging and sampling DP and AP monitoring wells. Groundwater samples were analyzed for nitrate, chloride, TDS, and TKN. The resulting data from this groundwater monitoring event are compiled and presented herein.

2.1 Well Gauging

On August 6 and 7, 2013, two representatives from D&H gauged the DP and AP monitoring wells with an electronic water level indicator. Upon review of the water levels, readings at several wells were identified as anomalous and were re-measured on August 14, 2013. Due to a declining water table, several wells were dry. Table 1 provides a summary of the groundwater gauging data collected from the monitoring network. Potentiometric surface maps were constructed based on these data (Figures 2, 3, 4, and 5).

2.2 Groundwater Sampling

From August 30 through September 10, 2013, D&H sampled the AP monitoring wells DAD-01 through DAD-22 with disposable bailers. AP wells DAD-03, DAD-06 and DAD-22 were reported to not contain enough water to sample. Wells were purged of three well volumes with new disposable bailers prior to sample collection and were sampled from clean to dirty to the extent possible to minimize cross-contamination. All non-dedicated or disposable equipment was decontaminated between wells with an Alconox™ solution to further ensure sample quality.

DP wells were sampled from August 8 through September 5, 2013. Prior to sampling, DP wells were purged three well volumes, if practicable by hand-bailing with a new disposable bailer per well or by pumping with a pump and new polyethylene tubing or pumping with a dedicated pump. Field parameters including, at a minimum, specific conductance, pH, and temperature were monitored and recorded for most of the monitoring wells. The sampling field forms are presented in Appendix A. All meters were calibrated and/or checked with standards in accordance with manufacturer's specifications prior to daily use. Purge water was ground discharged.

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 polyethylene tubing into the sample container. Sample containers were provided by TraceAnalysis. Container size, type, sample preservatives, analytical methods, and holding times are specified in Table 2. 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 TraceAnalysis in El Paso, Texas. All analytical laboratory reports are provided in Appendix B.

3.0 GROUNDWATER MONITORING RESULTS

3.1 Hydraulic Gradient and Direction of Groundwater Flow

This quarter, groundwater was present beneath the site at depths from 11.29 feet below top of casing (ft TOC) in Sunset/Desert Land Dairy well 257-03 to 130.08 ft TOC in Dominguez #2 well 42-12. Groundwater is encountered at shallower depths near the Mesquite Drain and at greater depths near I-10 where the topographic elevation increases.

Potentiometric surface maps were completed using the monitoring well gauging data for the northern, central, and southern portions of the Dairies and are provided as Figures 2, 3, 4, and 5. Hydrographs were completed for the monitoring wells and are provided in Appendix C. In general, water levels have decreased in most wells when compared to the last monitoring event conducted in May 2013 (See hydrographs presented in Appendix C). An average decrease of 0.44 feet was observed in the monitoring wells. The long term decreases in water levels have resulted in many wells becoming dry.

The groundwater flow direction throughout the northern portion, central portion and the southern regional aquifer of the Dairies was toward the east-southeast, whereas the gradient in the southern perched aquifer of the dairy near Anthony, New Mexico, flows southwest. The hydraulic gradient across the Dairies is approximately 0.001 ft./ft.

3.2 Groundwater Analytical Results

3.2.1 Abatement Plan Well Results

Groundwater analyte concentrations were below the NMWQCC standard for nitrate (10 mg/L) in all but 9 of the 19 AP monitoring wells sampled. The AP wells that had nitrate concentrations above standards are DAD-08, DAD-9, DAD-11, DAD-12, DAD-14, DAD-18, DAD-19, DAD-20 and DAD-21. Both chloride and TDS concentrations exceeded their respective NMWQCC standards in all 19 wells sampled except well DAD-05 which was below standards for both chloride and TDS. However, the chloride and TDS results for well DAD-05 are suspect.

Nitrate concentrations generally remained the same in most of the DAD wells, with the exception of wells DAD-01, DAD-09, DAD-14, DAD-19 and DAD-21. Nitrate concentrations decreased in well DAD-01 from 10.4 mg/L in May 2013 to 4.43 mg/L this quarter. Nitrate concentrations increased in well DAD-09 from 9.69 mg/L in May 2013 to 12.3 mg/L this quarter. Well DAD-14 (Gonzalez Dairy) continued to decrease from a concentration of 42.0 mg/L in February 2013 to 34.6 mg/L in May 2013 to 29.2 mg/L this quarter, after five quarters of increasing nitrate concentrations. Well DAD-19 decreased from a concentration of 71.3 mg/L in May 2013 to 54.6 mg/L this quarter. Well DAD-21 has had increasing nitrate concentrations for the last five quarters and was above NMWQCC standards for the first time with a concentration of 12.0 mg/L this event.

Concentrations of chloride and TDS in all wells remain relatively constant compared to levels measured in the past with the exception of well DAD-05. Well DAD-05 showed a significant

decrease to below standards in chloride and TDS with concentrations of 120 mg/L and 870 mg/L, respectively. In samples collected from AP monitoring wells this event, chloride concentrations ranged from 120 mg/L in DAD-05 to 2,440 mg/L in DAD-08, and TDS values ranged from 870 mg/L in DAD-05 to 7,440 mg/L in DAD-08.

Table 3 summarizes the analytical results for AP monitoring wells and the analytical laboratory results are found in Appendix B. Nitrate and chloride concentration trends for select DAD wells are presented in Appendix D.

3.2.2 Results by Areas at the Dairies

DP groundwater analytical results are summarized in Table 4. These data were combined with the analytical data collected from the 19 AP monitoring wells sampled and are plotted on Figures 6, 7, 8, 9 and 10. Analytical laboratory reports are included in Appendix B. The following discussions summarize the results by area at the Dairies.

Northern Portion

The downgradient extent of the nitrate plume within the northern portion is defined by well DAD-02 with a nitrate concentration of 7.14 mg/L. The upgradient well (northern land application well 86/340-1) had a nitrate concentration of 12.1 mg/L, which is just above the NMWQCC standard for nitrate (10 mg/L). All eastern cross-gradient wells (Dominguez #2 wells 42-10, 42-11, 42-12, and AP well DAD-01) have nitrate concentrations below the standard. The western delineating cross-gradient well Dominguez 624-05 had a nitrate concentration of 6.72 mg/L in February 2013; however the well has been dry for the last two quarters.

The chloride and TDS concentrations are above standards in all wells sampled within the northern portion. The highest concentrations of chloride was observed in the Northern Land Application area well 70-03 at 2,740 mg/L and the highest concentration of TDS were observed in the Northern Land Application area well 70/86/340-01 at 6,920 mg/L.

Central Portion

The highest nitrate concentrations were observed in Big Sky Dairy wells 833-02 and 833-09 at concentrations of 85.8 mg/L and 82.2 mg/L, respectively. The extent of the nitrate plume is defined in the Central Portion. Buena Vista well 74-03 defines the upgradient extent of the nitrate plume, while DAD-17 defines the downgradient extent of the plume. The eastern cross-gradient extent of the plume is defined by DAD-07 and DAD-15, and the western extent is defined by DAD-04, DAD-05 and DAD-16.

Chloride and TDS concentrations are above standards in all wells within the central portion. The highest chloride and TDS concentrations were observed at well DAD-08 at 2,440 mg/L and 7,440 mg/L. Well DAD-08 is located east of Sunset Dairy, adjacent to a new irrigation well.

Southern Portion

Nitrate is present within both the regional and perched aquifers in the southern portion of the Dairies; however, all of the wells in the regional aquifer are below the NMWQCC standard of 10 mg/L.

In the shallow perched aquifer the nitrate plume is not defined downgradient (southwest). Nitrate concentrations in AP wells DAD-09, DAD-20 and DAD-21 are above NMWQCC standards, and Well DAD-22 did not contain enough water to sample. The well with the highest nitrate concentration in the shallow perched aquifer is Del Oro Dairy well 692-02 with a concentration of 120 mg/L.

Chloride and TDS concentrations are above NMWQCC standards in all wells sampled within the southern portion. Chloride concentrations in this area ranged from 423 mg/L in Del Oro Dairy well 692-06 to 925 mg/L in well 692-02, while TDS ranged from 1,360 mg/L to 3,600 mg/L in Del Oro Dairy wells 692-08 and 692-02, respectively. Upgradient well Del Oro 692-08 had a chloride concentration of 430 mg/L and a TDS concentration of 1,360 mg/L.

4.0 CONCLUSION AND RECOMMENDATIONS

The groundwater monitoring event included the gauging of all DP and DAD wells and sampling 19 of 22 DAD wells in addition to the DP wells. Based on the data collected, the following conclusions and recommendations are presented:

- The depth to groundwater at the site ranged from 11.29 to 130.08 feet below the top of casing.
- In general, water levels have decreased when compared to the last monitoring event conducted in May 2013.
- The groundwater flow direction at the Dairies within the regional groundwater aquifer is east-southeast. The hydraulic gradient is 0.001 ft./ft.
- The perched groundwater aquifer at Del Oro Dairy has a groundwater flow direction toward the southwest.
- Nitrate was below the NMWQCC standards in 10 of the 19 groundwater samples collected from all the AP DAD wells.
- Chloride was above the NMWQCC standard in all monitoring wells sampled, except AP well DAD-05; however well DAD-05 results are suspect.
- TDS was above the NMWQCC standard in all monitoring wells sampled, except AP well DAD-05; however well DAD-05 results are suspect.
- Chloride and TDS remain above standards in wells upgradient of the northern, central, and southern portions of the plume at the Dairies. Chloride and TDS are regionally elevated above standards and not necessarily attributed to the Dairies.

EA has recommended, in the Stage 2 Abatement Plan, the number of abatement and discharge plan wells be reduced for quarterly sampling.

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. October 30.
- Golder Associates, Inc. (Golder). 2006. Stage 1 and 2 Abatement Plan Proposal, prepared for New Mexico Environment Department, Remediation Oversight Section, on behalf of Doña Ana Dairies. December 11.
- Golder 2008a. Existing Data Report and Conceptual Work Plan, Doña Ana Dairies, Mesquite, New Mexico. February 1.
- Golder 2008b. Conceptual Work Plan. Doña Ana Dairies, Mesquite, New Mexico. February 1.
- Golder 2008c. Notes for the Meeting Regarding New Monitoring Well Installation. Meeting Participants: Doña Ana Dairy representative, DAD technical representatives, and NMED staff. July 28.
- Golder 2008d. Sampling and Analysis Plan. Doña Ana Dairies, Mesquite, New Mexico. August 11.
- New Mexico Environment Department (NMED). 2008. Conditional Approval of Stage 1 Abatement Plan for Doña Ana Dairies. Letter from Mr. Bill Olson, Chief, Ground Water Quality Bureau, to Mr. Weatherly, Doña Ana Dairies. June 16.
- NMED. 2008. Approval of Sampling and Analysis Plan for the Doña Ana Dairies, Stage 1 Abatement Plan, Doña Ana County, New Mexico. September 25.

TABLES

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

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|---------------------------------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| NORTHERN AREA | | | | | | |
| Northern Land Application Area | | | | | | |
| 70-03 | 6-Aug-2013 | 424580.78 | 1510233.88 | 3871.43 | 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 | | | | |
| 70/86/340-01 | 6-Aug-2013 | 427320.92 | 1508461.05 | 3866.77 | 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 | | | | |
| 86/340-01 | 6-Aug-2013 | 432021.33 | 1503216.90 | 3876.14 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|------------------------------------------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| Former Daybreak Dairy (Del Norte Dairy) | | | | | | |
| 126-04 | 6-Aug-2013 | 423258.23 | 1510546.24 | 3850.31 | 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 | | | | |
| 126-05 | 6-Aug-2013 | 422293.26 | 1510649.84 | 3842.62 | 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 | | | | |
| 126-07 | 6-Aug-2013 | 423613.62 | 1509986.47 | 3850.94 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|-----------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 126-09 | 6-Aug-2013 | 425154.15 | 1510994.31 | 3893.35 | 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 | | | | |
| 126-12 | 6-Aug-2013 | 421492.11 | 1510198.45 | 3838.88 | 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 | | | | |
| 126-13 | 6-Aug-2013 | 423431.96 | 1510657.41 | 3857.37 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|----------------------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| Mountain View Dairy | | | | | | |
| 70-01 | 6-Aug-2013 | 423303.43 | 1510585.63 | 3851.84 | 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 | | | | |
| 70-02 | 6-Aug-2013 | 423412.73 | 1511192.51 | 3861.25 | 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 | | | | |
| 70-04 | 6-Aug-2013 | 422798.94 | 1510922.20 | 3849.81 | 32.03 | 3817.78 |
| | 7-May-2013 | | | | 31.80 | 3818.01 |
| | 7-Feb-2013 | | | | 31.85 | 3817.96 |
| Buena Vista Dairy I | | | | | | |
| 86-01 | 6-Aug-2013 | 421534.62 | 1511667.76 | 3864.96 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|--------------------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 86-02 | 6-Aug-2013 | 421792.08 | 1510881.53 | 3848.08 | 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 | | | | |
| Bright Star Dairy | | | | | | |
| 340-01 | 6-Aug-2013 | 421410.13 | 1511423.42 | 3858.48 | 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 | | | | |
| 340-02 | 6-Aug-2013 | 420641.08 | 1512051.57 | 3869.76 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|-------------------------------------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| Former D&J Dairy (Dominguez 2) | | | | | | |
| 42-02 | 14-Aug-2013 | 419982.45 | 1511126.19 | 3844.69 | 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 | | | | |
| 42-03 | 6-Aug-2013 | 419710.55 | 1514064.35 | 3898.46 | 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 | | | | |
| 42-06 | 6-Aug-2013 | 420021.61 | 1511465.15 | 3850.15 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|-----------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 42-07 | 6-Aug-2013 | 420584.8 | 1513076.66 | 3891.52 | 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 | | | | |
| 42-08 | 6-Aug-2013 | 419994.93 | 1511197.91 | 3846.53 | 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 | | | | |
| 42-09 | 6-Aug-2013 | 419729.17 | 1512255.76 | 3865.25 | 47.88 | 3817.37 |
| | 7-May-2013 | | | | 48.04 | 3817.21 |
| | 7-Feb-2013 | | | | 47.79 | 3817.46 |
| | 24-Oct-2012 | | | | 47.29 | 3817.96 |
| | 31-Jul-2012 | | | | 46.98 | 3818.27 |
| | 23-Apr-2012 | | | | 46.93 | 3818.32 |
| | 25-Jan-2012 | | | | 46.95 | 3818.30 |
| | 8-Dec-2011 | | | | 46.76 | 3818.49 |
| | 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 | 3821.04 |
| | 24-Jun-2010 | | | | 44.99 | 3820.26 |
| | 22-Mar-2010 | | | | 44.72 | 3820.53 |
| | 8-Dec-2009 | | | | 44.70 | 3820.55 |
| | 28-Aug-2009 | | | | 44.32 | 3820.93 |
| | 26-May-2009 | | | | 44.50 | 3820.75 |
| | 11-Dec-2008 | | | | 44.39 | 3820.86 |
| | 27-Sep-2008 | | | | 44.12 | 3821.13 |
| | 10-Jun-2008 | | | | 44.77 | 3820.48 |
| 6-Feb-2008 | 44.80 | 3820.45 | | | | |
| 13-Nov-2007 | 44.47 | 3820.78 | | | | |
| 12-Sep-2007 | 44.73 | 3820.52 | | | | |

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

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|-----------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 42-10 | 6-Aug-2013 | 421426.39 | 1514460.4 | 3929.28 | 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 | | | | |
| 42-11 | 6-Aug-2013 | 420693.98 | 1515270.32 | 3939.31 | 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 | | | | |
| 42-12 | 6-Aug-2013 | 420972.09 | 1515423.88 | 3945.83 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|------------------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 42-13 | 6-Aug-2013 | 419734.06 | 1512534.42 | 3873.10 | 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 | | | | |
| Dominguez Dairy | | | | | | |
| 624-01 | 6-Aug-2013 | 418826.21 | 1512131.46 | 3843.72 | 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 | | | | |
| 624-02 | 6-Aug-2013 | 417335.25 | 1512201.42 | 3835.45 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|-----------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 624-04 | 6-Aug-2013 | 418542.24 | 1508104.07 | 3835.69 | 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 | | | | |
| 624-05 | 6-Aug-2013 | 419777.52 | 1509829.65 | 3835.27 | 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 | | | | |
| 624-06 | 6-Aug-2013 | 418502.42 | 1513981.08 | 3868.18 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|-----------------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 624-07 | 6-Aug-2013 | 418012.23 | 1514707.77 | 3872.25 | 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 | | | | |
| 624-08 | 6-Aug-2013 | 421461.78 | 1507712.04 | 3838.70 | 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 | | | | |
| Gonzalez Dairy | | | | | | |
| 177-01 | 6-Aug-2013 | 417300.94 | 1512942.63 | 3834.27 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|-----------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 177-02 | 6-Aug-2013 | 416738.21 | 1513246.51 | 3834.66 | 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 | | | | |
| 177-03A | 6-Aug-2013 | 416206.71 | 1513777.17 | 3835.75 | 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 |
| 177-04 | 6-Aug-2013 | 416796.99 | 1513733.28 | 3840.33 | 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 | | | | |
| 177-05 | 6-Aug-2013 | 417302.42 | 1514116.55 | 3852.16 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|-----------------------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 177-06 | 6-Aug-2013 | 417301.84 | 1514765.63 | 3866.02 | 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 | | | | |
| 177-07R | 6-Aug-2013 | 415240.93 | 1515476.47 | 3858.91 | 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 | Apr-11 | 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 | |
| CENTRAL AREA | | | | | | |
| Buena Vista Dairy II | | | | | | |
| 74-01 | 6-Aug-2013 | 405434.93 | 1519310.15 | 3841.01 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|---------------------------------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| Buena Vista Dairy II Continued | | | | | | |
| 74-02 | 6-Aug-2013 | 404574.08 | 1519035.52 | 3820.58 | 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 | | | | |
| 74-03 | 6-Aug-2013 | 407163.61 | 1516711.72 | 3823.36 | 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 | | | | |
| 74-04 | 6-Aug-2013 | 405488.65 | 1519864.48 | 3853.17 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|---------------------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 74-05 | 6-Aug-2013 | 404747.71 | 1519885.3 | 3845.35 | 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 | | | | |
| River Valley Dairy | | | | | | |
| 167-01 | 6-Aug-2013 | 402518.37 | 1518459.71 | 3818.94 | 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 | | | | |
| 167-01A | 6-Aug-2013 | 402518.18 | 1518936.72 | 3818.88 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|-----------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 167-02 | 6-Aug-2013 | 402498.3 | 1519354.81 | 3819.64 | 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 | | | | |
| 167-03 | 6-Aug-2013 | 402981.73 | 1519415.73 | 3825.66 | 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 | | | | |
| 167-04 | 6-Aug-2013 | 402032.19 | 1519884.6 | 3827.60 | 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 | | | | Well Damaged | |
| | 22-Mar-2010 | | | | Well Damaged | |
| | 8-Dec-2009 | | | | Well Damaged | |
| | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|-----------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 167-05 | 6-Aug-2013 | 397947.44 | 1520446.03 | 3815.44 | 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 | | | | |
| 167-06 | 6-Aug-2013 | 404479.35 | 1519603.88 | 3834.84 | 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 | | | | |
| 167-07 | 6-Aug-2013 | 402562.23 | 1518480.34 | 3819.08 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|----------------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 167-08 | 6-Aug-2013 | 399352.96 | 1519889.65 | 3817.96 | 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 |
| 167-09 | 6-Aug-2013 | 398473.95 | 1519259.34 | 3817.00 | 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 |
| Big Sky Dairy | | | | | | |
| 833-01 | 6-Aug-2013 | 399617.23 | 1521136.33 | 3839.55 | 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 | | | | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|-----------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 833-02 | 6-Aug-2013 | 401200.32 | 1520639.92 | 3836.04 | 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 | | | | |
| 833-03 | 6-Aug-2013 | 401392.09 | 1521955.23 | 3867.06 | 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 | | | | |
| 833-04 | 6-Aug-2013 | 402898.52 | 1520659.33 | 3845.79 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|-----------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 833-05 | 6-Aug-2013 | 399712.39 | 1522374.73 | 3865.51 | 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 | | | | |
| 833-06 | 6-Aug-2013 | 402219.48 | 1522652.04 | 3878.20 | 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-2011 | | | | 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 | | | | |
| 833-07 | 6-Aug-2013 | 399298.8 | 1522082.75 | 3860.70 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|-----------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 833-08 | 6-Aug-2013 | 400535.64 | 1521938.23 | 3861.76 | 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 | | | | |
| 833-09 | 6-Aug-2013 | 398280.67 | 1520918.52 | 3826.27 | 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 | | | | |
| 833-10 | 6-Aug-2013 | 396715.89 | 1520283.6 | 3820.76 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|---------------------------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| Sunset/Desert Land Dairy | | | | | | |
| 257-01 | 6-Aug-2013 | 395856.31 | 1520572.16 | 3820.33 | 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 | | | | |
| 257-02 | 6-Aug-2013 | 394728.34 | 1521030.29 | 3813.67 | 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 | | | | |
| 257-03 | 6-Aug-2013 | 397935.69 | 1518746.14 | 3814.74 | 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 | | | | |

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

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|-------------------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 257/260-01 | 14-Aug-2013 | 397678.36 | 1519948.22 | 3814.04 | 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 | | | | |
| Additional Wells | | | | | | |
| 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 |
| | 10-Jun-2008 | | | | 8.33 | -- |
| SOUTHERN AREA | | | | | | |
| Del Oro Dairy | | | | | | |
| 692-01 | 6-Aug-2013 | 373615.88 | 1531529.38 | 3844.13 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|-----------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 692-02 | 6-Aug-2013 | 372984.72 | 1531192.1 | 3840.84 | 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 | | | | |
| 692-04 | 6-Aug-2013 | 372982.53 | 1531555.21 | 3842.66 | 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 | | | | |
| 692-05 | 14-Aug-2013 | 374807.26 | 1532403 | 3854.26 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|-----------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 692-06 | 6-Aug-2013 | 375054.77 | 1532411.83 | 3856.48 | 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 | | | | |
| 692-07 | 6-Aug-2013 | 374944.88 | 1532019.81 | 3848.20 | 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 | | | | |
| 692-08 | 6-Aug-2013 | 375535.69 | 1531378.09 | 3843.09 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|--------------------------------------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| 692-09 | 6-Aug-2013 | 373575.83 | 1532395.09 | 3856.32 | 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 | | | | |
| Anthony Waste Water Treatment Plant | | | | | | |
| MW-1 | 7-Aug-2013 | 372097.86 | 1532364.36 | 3843.03 | 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 |
| | MW-2 | | | | 7-Aug-2013 | NM |
| 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 | | | |
| MW-3 | 7-Aug-2013 | NM | NM | 3841.24 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|-------------------------------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| ABATEMENT PLAN MONITOR WELLS | | | | | | |
| DAD-01 | 7-Aug-2013 | 422970.59 | 1512825.76 | 3886.16 | 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 | | | | |
| DAD-02 | 7-Aug-2013 | 413002.98 | 1517319.93 | 3875.82 | 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 | | | | |
| DAD-03 | 14-Aug-2013 | 407721.31 | 1516497.85 | 3820.58 | 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 | | | | |
| DAD-04 | 7-Aug-2013 | 404576.66 | 1517413.28 | 3821.47 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|-----------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| DAD-05 | 7-Aug-2013 | 396712.87 | 1519102.06 | 3816.01 | 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 | | | | |
| DAD-06 | 7-Aug-2013 | 404273.19 | 1522081.00 | 3887.71 | 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 | | | | |
| DAD-07 | 7-Aug-2013 | 399270.18 | 1524320.88 | 3891.38 | 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 | | | | |
| DAD-08 | 7-Aug-2013 | 395287.38 | 1522575.07 | 3849.15 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|--------------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| DAD-09 | 7-Aug-2013 | 373259.30 | 1530905.70 | 3838.03 | 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 | | | | |
| DAD-10 | 7-Aug-2013 | 372980.55 | 1532375.33 | 3854.93 | 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 | | | | |
| DAD-11 (177-03) | 7-Aug-2013 | 416211.35 | 1513814.71 | 3835.90 | 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 | | | | |
| DAD-12 | 7-Aug-2013 | 419731.54 | 1512274.77 | 3866.72 | 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 |
| DAD-13 | 14-Aug-2013 | 417879.08 | 1515673.13 | 3898.44 | 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 MONITOR WELL FLUID GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Monitoring Well | Date Measured | Northing ^a | Easting ^a | Casing Elevation ^b | Depth to Water ^c | Ground Water Elevation ^b |
|-----------------|---------------|-----------------------|----------------------|-------------------------------|-----------------------------|-------------------------------------|
| DAD-14 | 7-Aug-2013 | 414923.33 | 1514695.26 | 3841.90 | 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 |
| DAD-15 | 7-Aug-2013 | 402001.22 | 1523552.04 | 3897.61 | 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 |
| DAD-16 | 7-Aug-2013 | 400628.77 | 1519350.74 | 3819.28 | 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 |
| DAD-17 | 7-Aug-2013 | 393991.97 | 1520267.94 | 3817.75 | 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 |
| DAD-18 | 7-Aug-2013 | 395714.14 | 1520588.96 | 3821.59 | 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 |
| DAD-19 | 7-Aug-2013 | 400164.47 | 1522027.92 | 3864.50 | 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 |
| DAD-20 | 7-Aug-2013 | 371751.45 | 1531188.19 | 3833.27 | 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 |
| | DAD-21 | | | | 7-Aug-2013 | 374013.39 |
| 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 | | | |
| DAD-22 | 7-Aug-2013 | 373029.62 | 1530352.69 | 3827.14 | 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 |

NOTES:

^a Horizontal control to NM State Plane Coordinates Central NAD83 Grid Coordinates (in feet)

^b Vertical Control to NAVD88 Datum in feet above mean sea level

^c Measured in feet below the top of casing at survey point on north side of well

^d Measured in feet

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

Wells were gauged on a different date by EnviroCompliance Inc.

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

**TABLE 2. SUMMARY OF SAMPLE ANALYTICAL METHODS AND COLLECTION REQUIREMENTS
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| Target Analytes | Analytical Method | Sample Container | Preservative | Holding Time |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------|--------------------------------------------------------|--------------|
| Groundwater Samples | | | | |
| Nitrate/Nitrite | EPA 300.0/ SM 4500 NO3 E | 250 mL HDPE Bottle | H ₂ SO ₄ to pH2, Cool to <6°C | 28 Days |
| Total Kjeldhal Nitrogen | SM 4500 NORG C | 250 mL HDPE Bottle | H ₂ SO ₄ to pH2, Cool to <6°C | 28 Days |
| Chloride | EPA 300.0 | 250 mL HDPE Bottle | Cool to <6°C | 28 Days |
| Total Dissolved Solids | SM 2540 C MOD | 250 mL HDPE Bottle | Cool to <6°C | 28 Days |
| NOTES: °C = Degree Celsius ASTM = American Society for Testing and Materials EPA = U.S. Environmental Protection Agency HDPE = High-density polyethylene | | | | |

**TABLE 3. ABATEMENT PLAN MONITORING WELLS 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) | |
|----------------------------------------|--------------|----------------|----------------------------------------|-----------------|------------|----------------|-----|
| Abatement Plan Monitoring Wells | | | | | | | |
| DAD-01 | 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 | |
| 9-Sep-13 | | 7.14 | <1.66 | 337 | 1,900 | NA | |
| 16-May-13 | | 9.19 | <1.66 | 393 | 1,750 | NA | |
| DAD-02 | 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 | |
| | 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 | |
| | DAD-03 | 10-Sep-13 | Did Not Contain Enough 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 | 1100 | |
| 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 | |
| 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 | | |
| DAD-04 | 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 | |
| | 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 3. ABATEMENT PLAN MONITORING WELLS 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 | 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 |
| DAD-06 | 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 |
| DAD-07 | 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 | |
| DAD-08 | | 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 | |
| | NMED Split | 9-Dec-09 | <4.0 | <1.0 | 1,400 | 3,290 | NA |
| | | 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 3. ABATEMENT PLAN MONITORING WELLS 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-09 | 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 |
| | | | | | | |
| DAD-10 Vertical Delineation | 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 |
| | | | | | | |
| DAD-11 Vertical Delineation (formerly 177-03) | 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 | |
| DAD-12 Vertical Delineation | 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 | |
| DAD-13 | 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 | |
| DAD-14 | 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 3. ABATEMENT PLAN MONITORING WELLS 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 | 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 |
| DAD-16 | 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 |
| DAD-17 | 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 |
| DAD-18 Vertical Delineation | 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 |
| DAD-19 Vertical Delineation | 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 |
| DAD-20 | 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 |
| DAD-21 | 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 |
| DAD-22 | 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 |
| NMWQCC Standard | | 10 | NA | 250 | 1,000 | 600 |
| NOTES: Shading indicates exceedence of NMWQCC standard NA = Not analyzed ND = Non detect NMWQCC = New Mexico Water Quality Control Commission TDS = Total dissolved solids TKN = Total Kjeldahl Nitrogen DAD-03 (6-29-10) Roots in sample may have resulted in a measured TKN result. | | | | | | |

**TABLE 4. 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) |
|---------------------------------------|--------------|------------------------|---------------|--------------------|---------------|
| Northern Area | | | | | |
| Northern Land Application Area | | | | | |
| 70-03 | 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 | |
| 70/86/340-01 | 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 | |
| 86/340-01 | 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 4. 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) |
|------------------------------------------------|--------------|------------------------|---------------|--------------------|---------------|
| Former Daybreak Dairy (Del Norte Dairy) | | | | | |
| 126-04 | 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 | |
| 126-05 | 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 | |
| 126-07 | 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 4. 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 | 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 | 1110 | 3,320 |
| | 30-Jun-10 | Not Sampled | | | |
| | 25-Mar-10 | | | | |
| | 15-Dec-09 | | | | |
| | 2-Sep-09 | | | | |
| 4-Jun-09 | | | | | |
| 5-Mar-09 | | | | | |
| 126-12 | 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 | |
| 126-13 | 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 4. 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) |
|----------------------------|--------------|---------------------|------------|-----------------|------------|
| Mountain View Dairy | | | | | |
| 70-01 | 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 | |
| 70-02 | 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 |
| | 9-Jan-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 | |
| 70-04 | 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 |
| Buena Vista Dairy I | | | | | |
| 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 | |

**TABLE 4. 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) |
|-------------------------------------------|--------------|------------------------|---------------|--------------------|---------------|
| Bright Star Dairy | | | | | |
| 340-01 | 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 | |
| 340-02 | 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 | |
| Former D&J Dairy (Dominguez 2) | | | | | |
| 42-02 | 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 |
| | 09-Nov-12 | 8.99 | <1.72 | 412 | 2,180 |
| | 08-Aug-12 | 7.73 | <1.72 | 400 | 1,830 |
| | 01-May-12 | 22.5 | <1.72 | 431 | 2,210 |
| | 16-Feb-12 | 24.5 | <2.17 | 465 | 2,770 |
| | 09-Nov-11 | 21.2 | 3.08 | 449 | 2,170 |
| | 02-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 4. 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 | 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 | |
| 42-06 | 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 | |
| 42-07 | 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 4. 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 | 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 | |
| 42-09 | 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 | NS | NS | NS | NS |
| | 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 | |
| 42-10 | 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 4. 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 | 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 | 0.470 | 2.38 | 285 | 1,300 |
| | 1-Oct-10 | 0.620 | <10.0 | 300 | 1,250 |
| | 27-Jun-10 | 3.9 | <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 | 0.7 | 300 | 1,080 | |
| 14-Mar-09 | 0.90 | <0.2 | 310 | 1,225 | |
| 42-12 | 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 | |
| 42-13 | 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 | NS | NS | NS | NS |
| | 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 4. 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) |
|------------------|--------------|---------------------|------------|-----------------|------------|
| Dominguez | | | | | |
| 624-01 | 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 | |
| 624-02 | 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 | |
| 624-04 | 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 4. 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 | 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 | |
| 624-06 | 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 | |
| 624-07 | 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 4. 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 | 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 | |
| Gonzalez | | | | | |
| 177-01 | 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 | |
| 177-02 | 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 4. 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-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 |
| 177-04 | 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 | |
| 177-05 | 13-Aug-13 | 30.5 | 2.80 | 1,640 | 4,420 |
| | 15-May-13 | 29.8 | <1.66 | 1,510 | 4,160 |
| | 18-Feb-13 | 32.6 | <1.72 | 1,430 | 3,900 |
| | 13-Nov-12 | 37.1 | <1.72 | 1,240 | 4,050 |
| | 13-Aug-12 | 37.6 | 2.66 | 1,390 | 4,360 |
| | 26-Apr-12 | 47.1 | <1.72 | 1,090 | 3,440 |
| | 2-Feb-12 | 42.2 | <2.17 | 1,170 | 3,590 |
| | 3-Nov-11 | 30.6 | <2.17 | 1,190 | 3,060 |
| | 2-Aug-11 | 36.3 | <2.17 | 1,120 | 3,420 |
| | 4-May-11 | 40.6 | 5.60 | 1,090 | 3,500 |
| | 25-Jan-11 | 39.2 | 2.10 | 1,060 | 3,240 |
| | 20-Sep-10 | 7.39 | <10.0 | 1,050 | 3,500 |
| | 29-Jun-10 | 39 | <1.0 | 1,100 | 3,470 |
| | 28-Apr-10 | 40 | <5.0 | 1,200 | 3,460 |
| | 20-Jan-10 | 43 | <5.0 | 1,100 | 3,330 |
| | 21-Oct-09 | 50 | <5.0 | 1,100 | 3,300 |
| | 7-Jul-09 | 38 | <5.0 | 1,200 | 3,270 |
| | 6-May-09 | 40 | <5.0 | 1,100 | 3,100 |
| 22-Jan-09 | 40 | <5.0 | 1,100 | 3,000 | |

**TABLE 4. 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-13 | Insufficient Water to Sample | | | |
| | 15-May-13 | 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 | |
| 177-07 | 15-Mar-03 | 44.4 | 1.5 | 1,205 | 4,007 |
| 177-07R | 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 | |
| Central Area | | | | | |
| Buena Vista Dairy II | | | | | |
| 74-01 | 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 4. 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 | 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 | |
| 74-03 | 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 | |
| 74-04 | 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 4. 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 | 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 | |
| River Valley Dairy | | | | | |
| 167-01 | 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 | Not Sampled | | | | |
| 167-01A | 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 4. 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 | 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 | |
| 167-03 | 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 |
| 167-04 | 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 | | | | |
| | 2-Jun-09 | 8.5 | 0.4 | 1,525 | 5,045 |
| | 15-Mar-09 | 16.4 | 0.2 | 1,570 | 5,210 |

**TABLE 4. 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) |
|-----------------|--------------|---------------------|------------|-----------------|------------|
| 167-05 | 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 | |
| 167-06 | 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 | 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 4. 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 | 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 | 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 | |
| Big Sky Dairy | | | | | |
| 833-01 | 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 4. 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 | 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 | |
| 833-03 | 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 | |
| 833-04 | 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 | 1050 | 3,600 |
| | 19-Nov-12 | 50.0 | <1.72 | 1010 | 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 4. 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 | 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-10 | 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 | |
| 833-06 | 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 | |
| 833-07 | 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 4. 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 | 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 | |
| 833-09 | 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 | |
| 833-10 | 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 4. 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) |
|---------------------------------|--------------|---------------------|------------|-----------------|------------|
| Sunset/Desert Land Dairy | | | | | |
| 257-01 | 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 | |
| 257-02 | 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 | |
| 257-03 | 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 4. 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 | 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 | |
| McAnally Enterprises | | | | | |
| MW-4 | 13-Mar-09 | 3.5 | <0.5 | 2,110 | 5,686 |
| Southern Area | | | | | |
| Del Oro Dairy | | | | | |
| 692-01 | 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 | 3.22 | 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 |
| 692-02 | 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 |

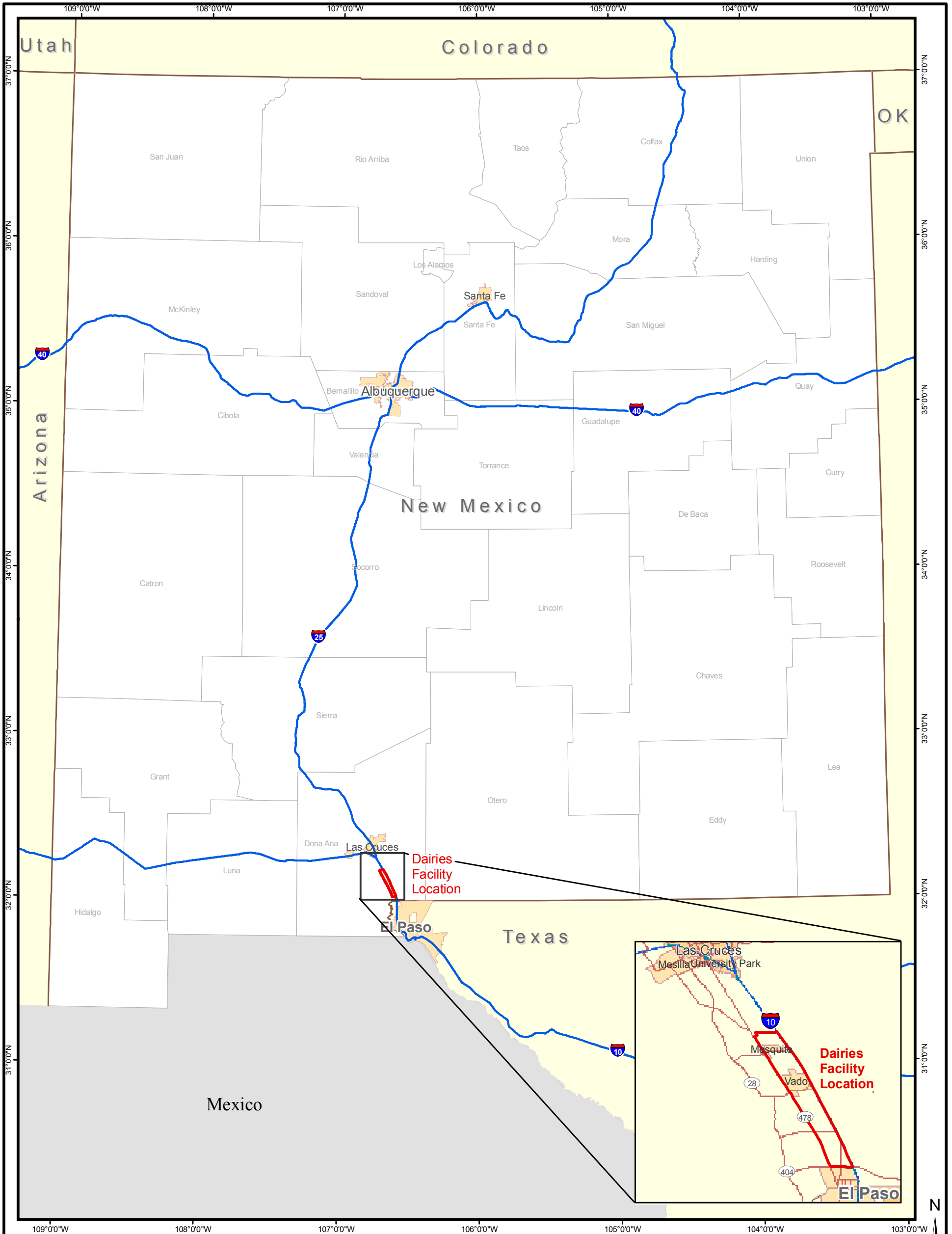
**TABLE 4. DISCHARGE PLAN MONITORING WELL GROUNDWATER ANALYTICAL RESULTS
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

| 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 | 4-Sep-13 | Not Enough 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 | 1040 | 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 |
| 692-05 | 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 |
| 692-06 | 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 4. 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 | 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 |
| 692-08 | 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 |
| 692-09 | 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 |
| NMWQCC Standard | | 10 | NA | 250 | 1,000 |
| NOTES: | | | | | |
| Data suspect | | | | | |
| ND = Non-detect | | | | | |
| NMWQCC = New Mexico Water Quality Control Commission | | | | | |
| TDS = Total dissolved solids | | | | | |
| TKN = Total Kjeldahl nitrogen | | | | | |
| Highlight is at or above NMWQCC Standard | | | | | |

FIGURES

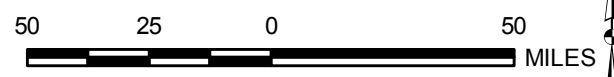


LEGEND:


 Facility Boundary

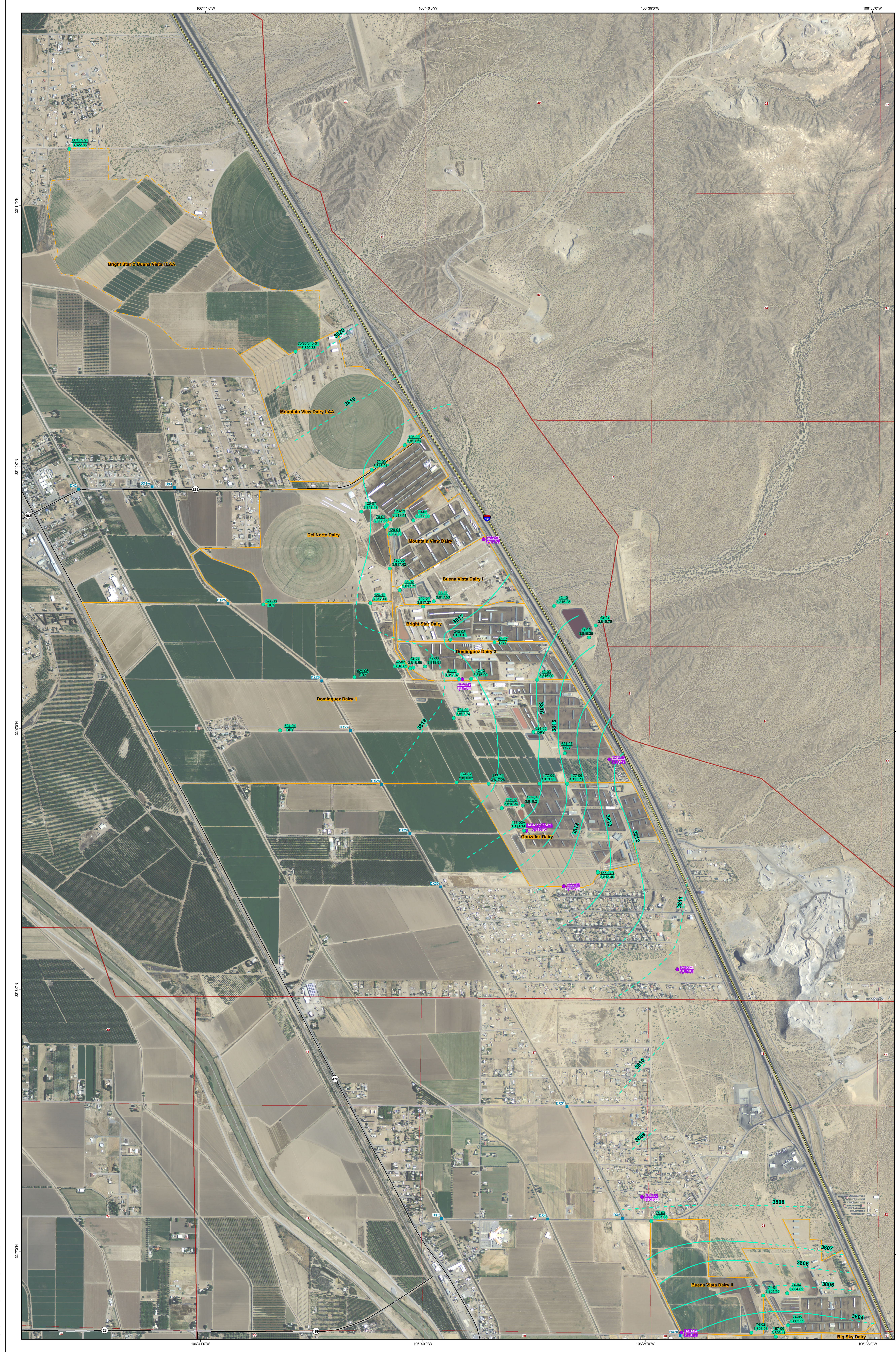
REFERENCES

Base Data: ESRI, 2008.



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

| | | | |
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| TITLE | | SITE LOCATION MAP | |
|  | PROJECT No. | 11x17_siteloc.mxd | |
| | DESIGN | | SCALE AS SHOWN |
| | GIS | | REV 0 |
| | CHECK | | |
| REVIEW | | | |
| | | | FIGURE 1 |



- LEGEND**
- Drain Crossing Location
 - Discharge Plan Well With Water Elevations (Feet MSL)
 - Abatement Plan Well With Water Elevations (Feet MSL)
 - Potentiometric Contour
 - Potentiometric Contour - Assumed
 - Interstate Highway
 - State Highway
 - Other Road
 - Land Owned by Dairies
 - Land Application on Non-Dairy Property
 - Public Land Survey System
- Note:
 * = Suspect Data (Point not used in contouring)

REFERENCES

Roads: Doña Ana County, 2011
 Aerial Photography: NARP, 2011
 PLSS: BLM, 2000
 Projection: State Plane NAD 83 New Mexico Central (feet)

500 250 0 250 500
 FEET
 SCALE: 1:8,000 1" = 750 FT
 WHEN PRODUCED AT 34x44IN

N

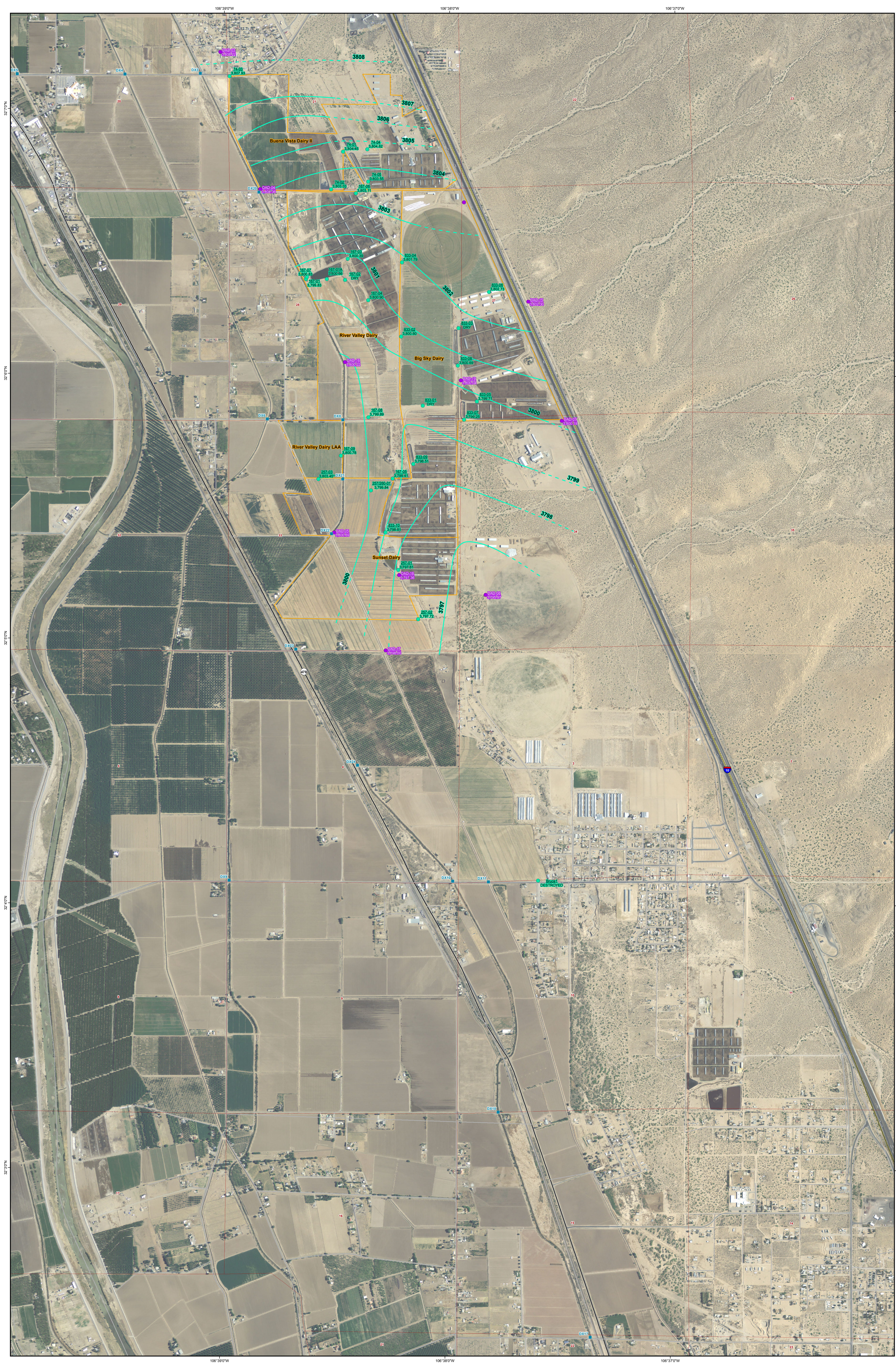
PROJECT: DOÑA ANA DAIRIES
 MESQUITE, NEW MEXICO

MAP: POTENTIOMETRIC SURFACE MAP,
 AUGUST 2013, NORTHERN PORTION

| | |
|--------------|------------|
| PROJECT NO: | DOA-13-001 |
| DATE: | 8/1/2013 |
| BY: | EA |
| CHECKED BY: | EA |
| APPROVED BY: | EA |

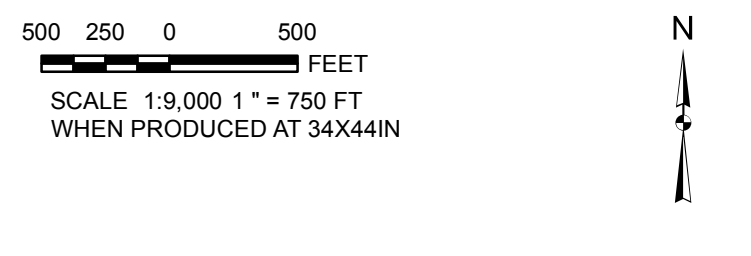
EA

FIGURE 2



- LEGEND**
- Drain Crossing Location
 - Discharge Plan Well With Water Elevations (Feet MSL)
 - Abatement Plan Well With Water Elevations (Feet MSL)
 - Potentiometric Contour
 - - - Potentiometric Contour - Assumed
 - Interstate Highway
 - State Highway
 - Other Road
 - Land Owned by Dairies
 - Land Application on Non-Dairy Property
 - Public Land Survey System
- Note:
 * = Suspect Data (Point not used in contouring)

REFERENCES
 Roads: Doña Ana County, 2001
 Aerial Photography: NAPP, 2011
 PLSS: BLM, 2000
 Projection: State Plane NAD 83 New Mexico Central (feet)



PROJECT: DOÑA ANA DAIRIES
 MESQUITE, NEW MEXICO

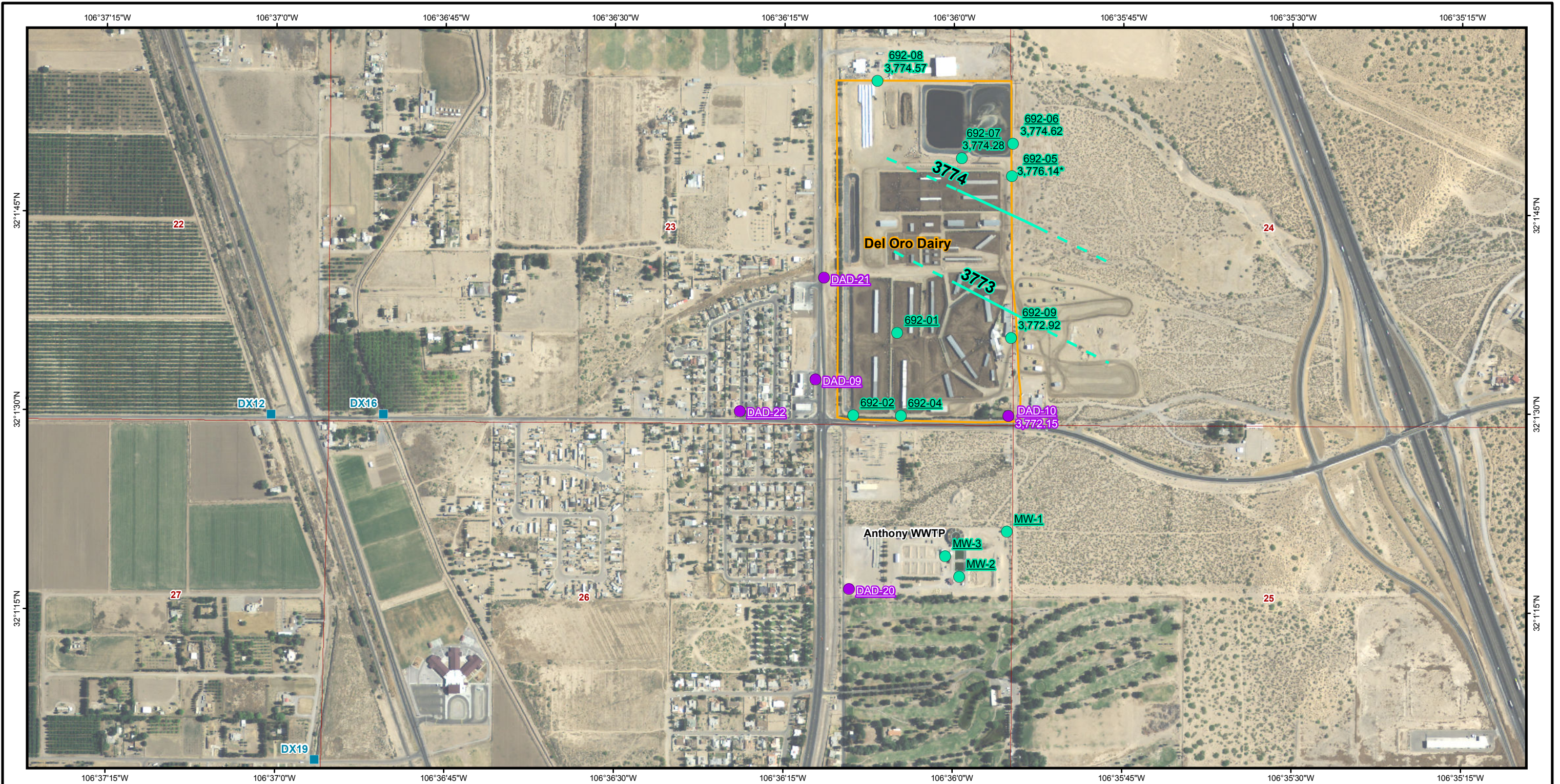
MAP: POTENTIOMETRIC SURFACE MAP,
 AUGUST 2013, CENTRAL PORTION

| | | | |
|------|-------------|----|------|
| DATE | DESCRIPTION | BY | CHKD |
| | | | |

EA ENGINEERING ADVISORS
 10000 N. MESA LANE, SUITE 100, MESQUITE, NM 88048
 (505) 682-1000
 WWW.EA-AMERICAN.COM

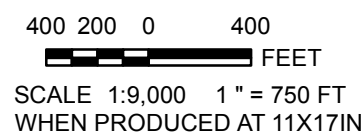
FIGURE 3

2013-10-09 P:\gis\Projects\donana\anal\Dallas_GIS\MapDocs\201308\Fig 4 SouthRegionAq_Pot_201308.mxd EA-Dallas aspller



- LEGEND:**
- Drain Crossing Location
 - Discharge Plan Well With Water Elevations (Feet MSL)
 - Abatement Plan Well With Water Elevations (Feet MSL)
 - Potentiometric Contour
 - - - Potentiometric Contour - Assumed
 - Land Owned by Dairies
 - Public Land Survey System

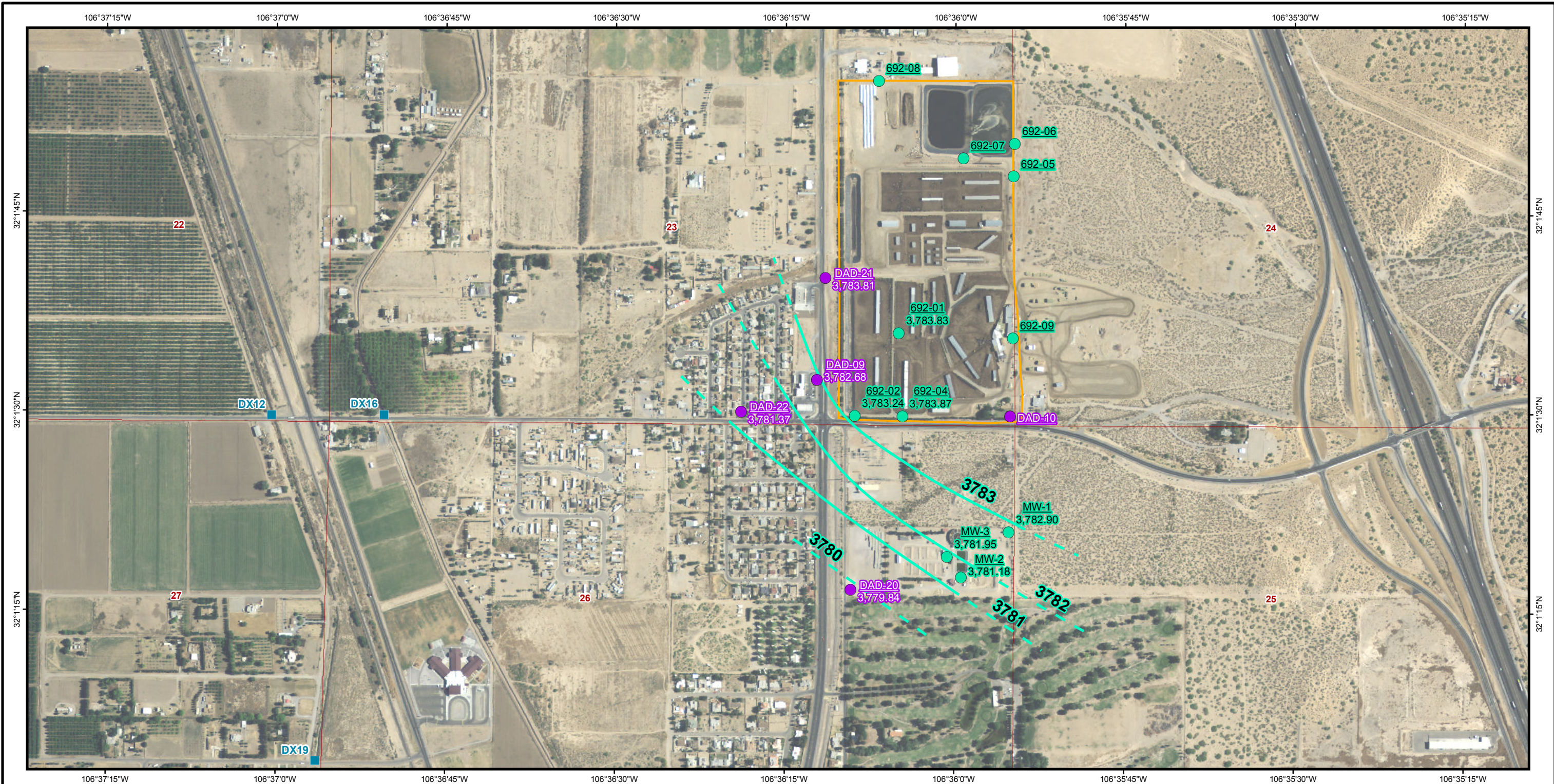
Note:
* = Suspect Data (Point not used in contouring)



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

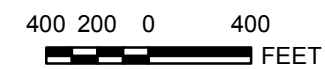
| | | | |
|-------------------------------------------------------------------------------------------|---------------------|----|-----------------------------|
| DOÑA ANA DAIRIES MESQUITE, NEW MEXICO | | | |
| POTENTIOMETRIC SURFACE MAP, AUGUST 2013, SOUTHERN PORTION REGIONAL AQUIFER | | | |
| | PROJECT No. 1464103 | | Fig 4 SouthRegionAq_Pot.mxd |
| | DESIGN | NA | SCALE AS SHOWN |
| | GIS | AS | REV 0 |
| | CHECK | | |
| REVIEW | | | FIGURE 4 |

2013-10-15 P:\gis\projects\donna ana\Dallas_GIS\MapDocs\201308\Fig 5 SouthPerchAq_Pot_201308.mxd EA-Dallas aspiiler



LEGEND:

- Drain Crossing Location
- Discharge Plan Well With Water Elevations (Feet MSL)
- Abatement Plan Well With Water Elevations (Feet MSL)
- Potentiometric Contour
- - - Potentiometric Contour - Assumed
- Land Owned by Dairies
- Public Land Survey System



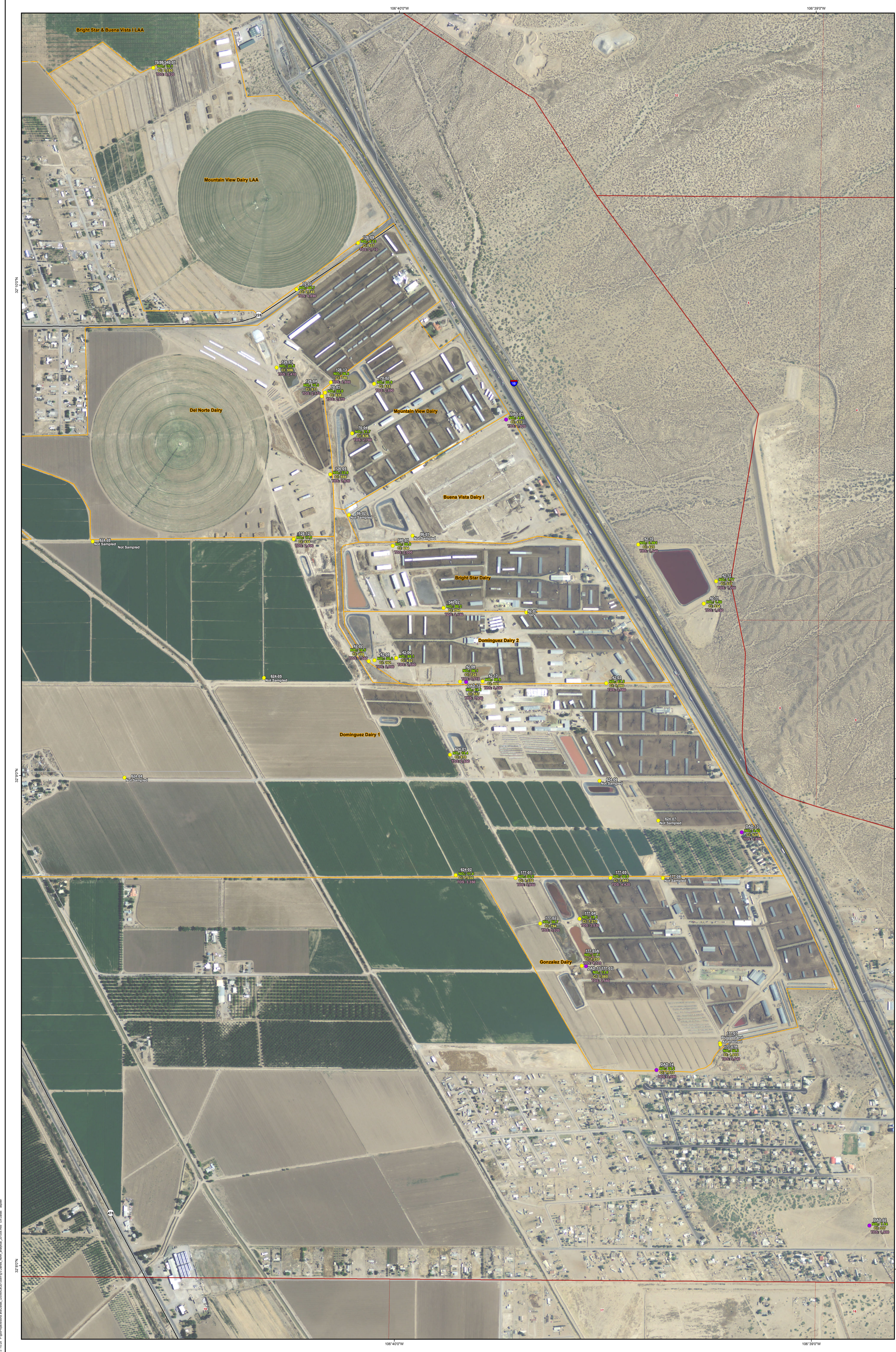
SCALE 1:9,000 1" = 750 FT
WHEN PRODUCED AT 11X17IN



REFERENCES

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

| | | | |
|------------------------------------------------------------------------------------------|---------------------|----|----------------------------|
| DOÑA ANA DAIRIES MESQUITE, NEW MEXICO | | | |
| POTENTIOMETRIC SURFACE MAP, AUGUST 2013, SOUTHERN PORTION PERCHED AQUIFER | | | |
| | PROJECT No. 1464103 | | Fig 5 SouthPerchAq_Pot.mxd |
| | DESIGN | NA | SCALE AS SHOWN |
| | GIS | AS | REV 0 |
| | CHECK | | |
| REVIEW | | | FIGURE 5 |

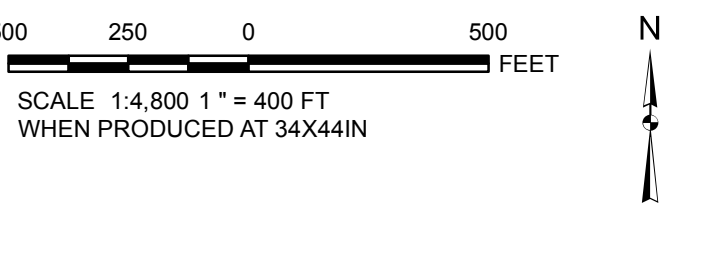


LEGEND:

- Interstate Highway
- State Highway
- Other Road
- Land Owned by Dairies
- Land Application on Non-Dairy Property
- Public Land Survey System

Notes:
 Units are in milligrams per liter.
 Cl = Chloride
 NO₃ = Nitrate as N
 TDS = Total Dissolved Solids

REFERENCES
 Roads: Doña Ana County, 2001
 Aerial Photography: NAIP, 2011
 PLSS: BLM, 2000
 Projection: State Plane NAD 83 New Mexico Central (feet)



PROJECT
DOÑA ANA DAIRIES
MESQUITE, NEW MEXICO

GROUND WATER ANALYTICAL RESULTS,
 AUGUST-SEPTEMBER 2013,
 NORTHERN PORTION

| | | |
|------|-------|-------------|
| DATE | ISSUE | DESCRIPTION |
| | | |
| | | |

EA **FIGURE 6**

2013-09-27 10:45:00 AM C:\Users\jstevens\Documents\20130927104500\130927104500.dwg (1/1) 130927104500.dwg

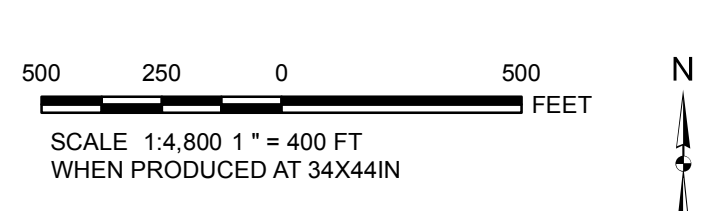


LEGEND:

- Interstate Highway
- State Highway
- Other Road
- Land Owned by Dairies
- Land Application on Non-Dairy Property
- Public Land Survey System

Notes:
Units are in milligrams per liter.
Cl = Chloride
NO₃-N = Nitrate as N
TDS = Total Dissolved Solids

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



PROJECT: DOÑA ANA DAIRIES
MESQUITE, NEW MEXICO

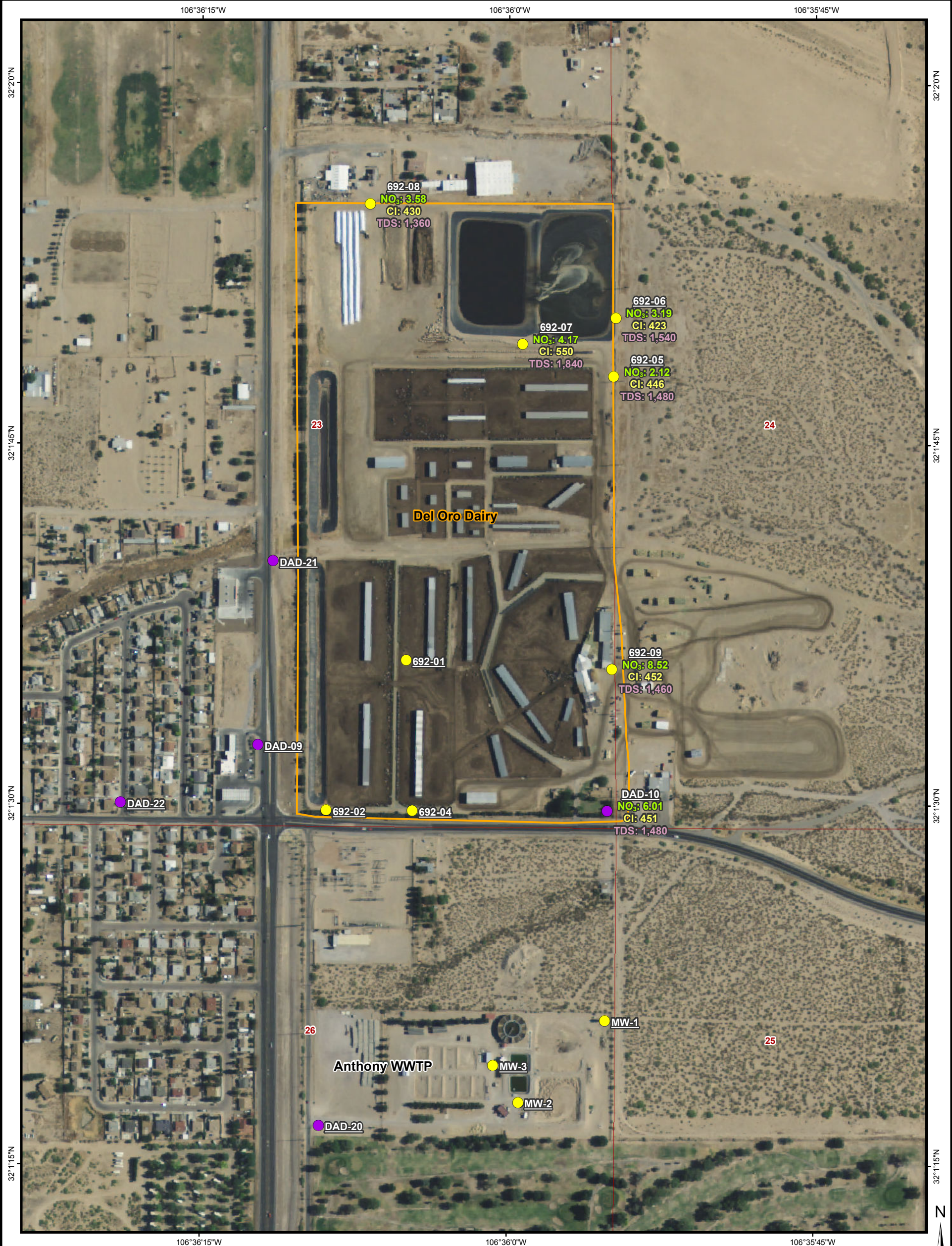
GROUND WATER ANALYTICAL RESULTS
AUGUST-SEPTEMBER 2013,
CENTRAL PORTION

| | | |
|------|-------------|----|
| DATE | DESCRIPTION | BY |
| | | |
| | | |
| | | |

EA

FIGURE 7

2013-10-15 10:15:15 P:\Projects\DOA\DOA_GW_Analytical_Results_10-15-13.mxd



LEGEND:

- Land Owned by Dairies
- Public Land Survey System

Notes:
Units are in milligrams per liter.

Cl = Chloride
NO₃ = 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 | | | |
| DOÑA ANA DAIRIES MESQUITE, NEW MEXICO | | | |
| TITLE | | | |
| GROUNDWATER ANALYTICAL RESULTS AUGUST-SEPTEMBER 2013, SOUTHERN PORTION, REGIONAL AQUIFER | | | |
| | PROJECT No. | | Fig8SouthRegionAq_Analytical.mxd |
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| | GIS | AS | REV 0 |
| | CHECK | | |
| REVIEW | | | FIGURE 8 |



LEGEND:

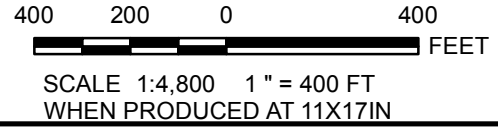
- Land Owned by Dairies
- Public Land Survey System

Notes:
Units are in milligrams per liter.

Cl = Chloride
NO₃ = 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 | | | |
| DOÑA ANA DAIRIES MESQUITE, NEW MEXICO | | | |
| TITLE | | | |
| GROUNDWATER ANALYTICAL RESULTS AUGUST-SEPTEMBER 2013, SOUTHERN PORTION, PERCHED AQUIFER | | | |
| | PROJECT No. | deloro_analytical_perched200908.mxd | |
| | DESIGN | | SCALE AS SHOWN REV 0 |
| | GIS | | FIGURE 9 |
| | CHECK | | |
| REVIEW | | | |

**APPENDIX A
SAMPLING FIELD FORMS**

MONITOR WELL FLUID GAUGING FIELD FORM
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO

| Monitoring Well | Northing ^a | Easting ^a | Date | Time | Depth to Water (ft) ^b | Notes or Total Depth (ft) ^b |
|------------------------------------------------|-----------------------|----------------------|--------|-------|----------------------------------|----------------------------------------|
| NORTHERN AREA | | | | | | |
| Northern Land Application Area (DP-340) | | | | | | |
| 70-03 | 424580.78 | 1510233.88 | 8-6-13 | 9:05 | 54.52 | 65.20 |
| 70/86/340-01 | 427320.92 | 1508461.05 | 8-6-13 | 8:56 | 46.44 | 67.61 |
| 86/340-01 | 432021.33 | 1503216.90 | 8-6-13 | 8:42 | 53.29 | 71.10 |
| Del Norte Dairy (DP-126) | | | | | | |
| 126-04 | 423258.23 | 1510546.24 | 8-6-13 | 9:25 | 32.93 | 38.09 |
| 126-05 | 422293.26 | 1510649.84 | 8-6-13 | 9:42 | 25.20 | 34.88 |
| 126-07 | 423613.62 | 1509986.47 | 8-6-13 | 9:29 | 32.46 | 38.86 |
| 126-09 | 425154.15 | 1510994.31 | 8-6-13 | 9:10 | 76.09 | 82.05 |
| 126-12 | 421492.11 | 1510198.45 | 8-6-13 | 9:38 | 21.44 | 29.96 |
| 126-13 | 423431.96 | 1510657.41 | 8-6-13 | 9:20 | 40.37.96 | 58.99 |
| Mountain View Dairy (DP-70) | | | | | | |
| 70-01 | 423303.43 | 1510585.63 | 8-6-13 | 10:00 | 34.19 | 45.40 |
| 70-02 | 423412.73 | 1511192.51 | 8-6-13 | 10:13 | 43.87 | 49.43 |
| Buena Vista Dairy I (DP-86) | | | | | | |
| 86-01 | 421534.62 | 1511667.76 | 8-6-13 | 10:31 | 47.43 | 54.29 |
| 86-02 | 421792.08 | 1510881.53 | 8-6-13 | 10:40 | 630.37 | 48.25 |
| Bright Star Dairy (DP-340) | | | | | | |
| 340-01 | 421410.13 | 1511423.42 | 8-6-13 | 10:50 | 41.21 | 47.86 |
| 340-02 | 420641.08 | 1512051.57 | 8-6-13 | 10:55 | 52.92 | 56.81 |
| Gonzalez Dairy (DP-177) | | | | | | |
| 177-01 | 417300.94 | 1512942.63 | 8-6-13 | 11:13 | 17.01 | 25.51 |
| 177-02 | 416738.21 | 1513246.51 | 8-6-13 | 11:15 | 18.30 | 25.30 |
| 177-03A | 416206.71 | 1513777.17 | 8-6-13 | 11:33 | 19.99 | 35.62 |
| 177-04 | 416796.99 | 1513733.28 | 8-6-13 | 11:31 | 24.12 | 46.45 |
| 177-05 | 417302.42 | 1514116.55 | 8-6-13 | 11:06 | 36.02 | 49.02 |
| 177-06 | 417301.84 | 1514765.63 | 8-6-13 | 11:03 | 51.11 | 51.85 |
| 177-07R | 415258.95 | 1515471.64 | 8-6-13 | 11:26 | 45.51 | 54.25 |
| Dominguez 2 Dairy (DP-42) | | | | | | |
| 42-02 | 419982.45 | 1511126.19 | 8-6-13 | 14:20 | 25.66 | NO TD HAS PUMP |
| 42-03 | 419710.55 | 1514064.35 | 8-6-13 | 14:08 | 82.46 | NO TD HAS PUMP |
| 42-06 | 420021.61 | 1511465.15 | 8-6-13 | 14:25 | 31.24 | NO TD HAS PUMP |
| 42-07 | 420584.80 | 1513076.66 | 8-6-13 | 14:31 | Dry | NO TD HAS PUMP |
| 42-08 | 419994.93 | 1511197.91 | 8-6-13 | 14:23 | 27.97 | NO TD HAS PUMP |
| 42-09 | 419729.17 | 1512255.76 | 8-6-13 | 14:17 | 47.88 | NO TD HAS PUMP |
| 42-10 | 421426.39 | 1514460.40 | 8-6-13 | 14:46 | 113.03 | NO TD HAS PUMP |
| 42-11 | 420693.98 | 1515270.32 | 8-6-13 | 14:35 | 127.06 | NO TD HAS PUMP |
| 42-12 | 420972.09 | 1515423.88 | 8-6-13 | 14:37 | 130.08 | NO TD HAS PUMP |
| 42-13 | 419734.06 | 1512534.42 | 8-6-13 | 14:13 | 56.01 | NO TD HAS PUMP |

Regauged
8-14-13: 26.60

70-04

8-6-13 10:25 32.03 47.89

MONITOR WELL FLUID GAUGING FIELD FORM
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO

| Monitoring Well | Northings ^a | Easting ^a | Date | Time | Depth to Water (ft) ^b | Notes or Total Depth (ft) ^b |
|---------------------------------------------------|------------------------|----------------------|--------|----------------------------------------------------------|----------------------------------|----------------------------------------|
| Dominguez 1 Dairy (DP-624) # 422539 | | | | | | |
| 624-01 | 418826.21 | 1512131.46 | 8-6-13 | 13:44 | 25.98 | 45.83 |
| 624-02 | 417335.25 | 1512201.42 | 8-6-13 | 13:55 | 18.83 | 32.03 |
| 624-04 | 418542.24 | 1508104.07 | 8-6-13 | 13:27 | Dry | 16.36 |
| 624-05 | 419777.52 | 1509829.65 | 8-6-13 | 13:11 | Dry | 17.25 |
| 624-06 | 418502.42 | 1513981.08 | 8-6-13 | 12:49 | Dry | 52.17 |
| 624-07 | 418012.23 | 1514707.77 | 8-6-13 | 12:53 | Dry | 55.54 |
| 624-08 | 421461.78 | 1507712.04 | 8-6-13 | 12:57 | Dry | 19.36 |
| CENTRAL AREA | | | | | | |
| Buena Vista Dairy II (DP-74) # 422534 | | | | | | |
| 74-01 | 405434.93 | 1519310.15 | 8/6/13 | 9:01 | 36.56 | 45.14 |
| 74-02 | 404574.08 | 1519035.52 | 8/6/13 | 8:57 | 17.55 | 20.13 |
| 74-03 | 407163.61 | 1516711.72 | 8/6/13 | 8:45 | 15.43 | 20.12 |
| 74-04 | 405488.65 | 1519864.48 | 8/6/13 | 9:06 | 48.55 | 58.13 |
| 74-05 | 404747.71 | 1519885.30 | 8/6/13 | 9:13 | 41.80 | 56.94 |
| River Valley Dairy (DP-167) # 422547 | | | | | | |
| 167-01 | 402518.37 | 1518459.71 | 8/6/13 | 9:39 | 19.11 | 107.19 |
| 167-01A | 402518.18 | 1518936.72 | 8/6/13 | 9:51 | 18.54 | 25.29 |
| 167-02 | 402498.30 | 1519354.81 | 8/6/13 | 9:44 | Dry | 20.95 |
| 167-03 | 402981.73 | 1519415.73 | 8/6/13 | 9:55 | 25.27 | 40.81 |
| 167-04 | 402032.19 | 1519884.60 | 8/6/13 | 9:59 | 26.70 | 29.32 |
| 167-05 | 397947.44 | 1520446.03 | 8/6/13 | 10:44 | 16.03 | 21.85 |
| 167-06 | 404479.35 | 1519603.88 | 8/6/13 | 9:30 | 31.73 | 35.74 |
| 167-07 | 402562.23 | 1518480.34 | 8/6/13 | 9:37 | 18.25 | 25.14 |
| 167-08 | 399352.96 | 1519889.65 | 8/6/13 | 10:13 | 18:07 | 30.86 |
| 167-09 | 398473.95 | 1519259.34 | 8/6/13 | 10:26 | 16:22 | 18:75 |
| Big Sky Dairy (DP-833) # 422485 | | | | | | |
| 833-01 | 399617.23 | 1521136.33 | 8/6/13 | 11:56 | Dry | 36.32 |
| 833-02 | 401200.32 | 1520639.92 | 8/6/13 | 10:56 | 35.44 | 57.72 |
| 833-03 | 401392.09 | 1521955.23 | 8/6/13 | 11:30 | Dry | 62.77 |
| 833-04 | 402898.52 | 1520659.33 | 8/6/13 | 11:04 | 44.00 | 53.76 |
| 833-05 | 399712.39 | 1522374.73 | 8/6/13 | 11:45 | 65.80 | 73.89 |
| 833-06 | 402219.48 | 1522652.04 | 8/6/13 | 11:24 | 75.47 | 84.98 |
| 833-07 | 399298.80 | 1522082.75 | 8/6/13 | 12:20 | 61.45 | 73.46 |
| 833-08 | 400535.64 | 1521938.23 | 8/6/13 | 11:37 | 61.07 | 72.89 |
| 833-09 | 398280.67 | 1520918.52 | 8/6/13 | 12:02 | 27.76 | 39.36 |
| 833-10 | 396715.89 | 1520283.60 | 8/6/13 | 12:08 | 21.95 | 37.15 |
| Sunset/Desert Land Dairy (DP-257) # 422549 | | | | | | |
| 257-01 | 395856.31 | 1520572.16 | 8/6/13 | 13:53 | 22.52 | 25.93 |
| 257-02 | 394728.34 | 1521030.29 | 8/6/13 | 13:45 | 15.95 | 20.71 |
| 257-03 | 397935.69 | 1518746.14 | 8/6/13 | 14:26 | 11.29 | 14.35 |
| 257/260-01 | 397678.36 | 1519948.22 | 8/6/13 | Due to Clois Plants & water in field could not find well | | |
| SOUTHERN AREA | | | | | | |

gauged 8-14-13: 14.20

MONITOR WELL FLUID GAUGING FIELD FORM
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO

| Monitoring Well | Northing ^a | Easting ^a | Date | Time | Depth to Water (ft) ^b | Notes or Total Depth (ft) ^b |
|--------------------------------------------------|-----------------------|----------------------|--------|------------------|----------------------------------|------------------------------------------------------------|
| Del Oro Dairy (DP-692) #422537 | | | | | | |
| 692-01 | 373615.88 | 1531529.38 | 8/6/13 | 15:45 | 60.30 | NO TD has Pump |
| 692-02 | 372984.72 | 1531192.10 | 8/6/13 | 15:35 | 57.60 | 66.31 |
| 692-04 | 372982.53 | 1531555.21 | 8/6/13 | 15:38 | 58.79 | 60.61 |
| 692-05 | 374807.26 | 1532403.00 | 8/6/13 | 15:15 | — | Could not Gauge Probe does not fit through hole |
| 692-06 | 375054.77 | 1532411.83 | 8/6/13 | 15:19 | 81.86 | 90.07 |
| 692-07 | 374944.88 | 1532019.81 | 8/6/13 | 15:22 | 73.92 | NO TD has Pump |
| 692-08 | 375535.69 | 1531378.09 | 8/6/13 | 15:23 | 68.52 | " " " " |
| 692-09 | 373575.83 | 1532395.09 | 8/6/13 | 15:05 | 83.40 | NO TD has Pump |
| Anthony Waste Water Treatment Plant (DAD) | | | | | | |
| MW-1 | 372097.86 | 1532364.36 | | | | |
| MW-2 | NM | NM | | | | |
| MW-3 | NM | NM | | | | |
| ABATEMENT PLAN MONITOR WELLS #422543 | | | | | | |
| DAD-01 | 422970.59 | 1512825.76 | | | | |
| DAD-02 | 413002.98 | 1517319.93 | | | | |
| DAD-03 | 407721.31 | 1516497.85 | 8/7/13 | 10:48 | | Could not locate Due to Trash & Debris Present in Location |
| DAD-04 | 404576.66 | 1517413.28 | 8/7/13 | 10:39 | 17.11 | 18.05 |
| DAD-05 | 396712.87 | 1519102.06 | 8/7/13 | 10:16 | 15.32 | 23.51 |
| DAD-06 | 404273.19 | 1522081.00 | 8/7/13 | 10:02 | Dry | 83.54 |
| DAD-07 | 399270.18 | 1524320.88 | 8/7/13 | 9:24 | 91.19 | 100.83 |
| DAD-08 | 395287.38 | 1522575.07 | 8/7/13 | 9:31 | 53.18 | 55.05 |
| DAD-09 | 373259.30 | 1530905.70 | 8/7/13 | 8:46 | 55.35 | 62.05 |
| DAD-10 | 372980.55 | 1532375.33 | 8/7/13 | 8:54 | 82.78 | 94.41 |
| DAD-11 | 416211.35 | 1513814.71 | | | | |
| DAD-12 | 419731.54 | 1512274.77 | | | | |
| DAD-13 | 417879.08 | 1515673.13 | | | | |
| DAD-14 | 414923.33 | 1514695.26 | | | | |
| DAD-15 | | | | | | |
| DAD-16 | 400628.77 | 1519350.74 | 8/7/13 | 10:31 | 19:06 | 32.61 |
| DAD-17 | 393991.97 | 1520267.94 | 8/7/13 | 10:19 | 19.75 | 38.44 |
| DAD-18 | 395714.14 | 1520588.96 | 8/7/13 | 9:37 | 24.23 | 56.91 |
| DAD-19 | 400164.47 | 1522027.92 | 8/7/13 | 9:46 | 64.46 | 99.17 |
| DAD-20 | 371751.45 | 1531188.19 | | | | |
| DAD-21 | 374013.39 | 1530983.98 | 8/7/13 | 9:05 | 45.77 | 50.00 |
| DAD-21 | 373029.62 | 1530352.69 | 8/7/13 | 8:40 | 55.81 | 69.86 |

NOTES:

^a Horizontal Control to NM State Plane Coordinates Central NAD83 Grid Coordinates (in feet)

^b Measured in feet below the top of casing at survey point on north side of well

gaged
8-14-13
78-12

gaged
8-14-13
12-36

gaged
8-6-16

MONITOR WELL FLUID GAUGING FIELD FORM
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO

| Monitoring Well | Northing ^a | Easting ^a | Date | Time | Depth to Water (ft) ^b | Notes or Total Depth (ft) ^b |
|--------------------------------------------------|-----------------------|----------------------|--------|-------|----------------------------------|----------------------------------------|
| Del Oro Dairy (DF-692) | | | | | | |
| 692-01 | 373615.88 | 1531529.38 | | | | |
| 692-02 | 372984.72 | 1531192.10 | | | | |
| 692-04 | 372982.53 | 1531555.21 | | | | |
| 692-05 | 374807.26 | 1532403.00 | | | | |
| 692-06 | 375054.77 | 1532411.83 | | | | |
| 692-07 | 374944.88 | 1532019.81 | | | | |
| 692-08 | 375535.69 | 1531378.09 | | | | |
| 692-09 | 373575.83 | 1532395.09 | | | | |
| Anthony Waste Water Treatment Plant (DAD) | | | | | | |
| MW-1 | 372097.86 | 1532364.36 | 8-7-13 | 9:39 | 60.13 | 61.53 |
| MW-2 | NM | NM | 8-7-13 | 9:43 | 62.07 | 63.60 |
| MW-3 | NM | NM | 8-7-13 | 9:47 | 59.29 | 59.84 |
| ABATEMENT PLAN MONITOR WELLS | | | | | | |
| DAD-01 | 422970.59 | 1512825.76 | 8-7-13 | 9:56 | 68.63 | 76.29 |
| DAD-02 | 413002.98 | 1517319.93 | 8-7-13 | 10:07 | 65.01 | 67.70 |
| DAD-03 | 407721.31 | 1516497.85 | | | | |
| DAD-04 | 404576.66 | 1517413.28 | | | | |
| DAD-05 | 396712.87 | 1519102.06 | | | | |
| DAD-06 | 404273.19 | 1522081.00 | | | | |
| DAD-07 | 399270.18 | 1524320.88 | | | | |
| DAD-08 | 395287.38 | 1522575.07 | | | | |
| DAD-09 | 373259.30 | 1530905.70 | | | | |
| DAD-10 | 372980.55 | 1532375.33 | | | | |
| DAD-11 | 416211.35 | 1513814.71 | 8-7-13 | 10:28 | 20.17 | 35.75 |
| DAD-12 | 419731.54 | 1512274.77 | 8-7-13 | 10:34 | 49.24 | 82.27 |
| DAD-13 | 417879.08 | 1515673.13 | | | | |
| DAD-14 | 414923.33 | 1514695.26 | 8-7-13 | 10:45 | 28.25 | 42.63 |
| DAD-15 | | | 8-7-13 | 10:58 | 95.31 | 109.39 |
| DAD-16 | 400628.77 | 1519350.74 | | | | |
| DAD-17 | 393991.97 | 1520267.94 | | | | |
| DAD-18 | 395714.14 | 1520588.96 | | | | |
| DAD-19 | 400164.47 | 1522027.92 | | | | |
| DAD-20 | 371751.45 | 1531188.19 | 8-7-13 | 9:09 | 53.43 | 69.93 |
| DAD-21 | 374013.39 | 1530983.98 | | | | |
| DAD-22 | 373029.62 | 1530352.69 | | | | |

NOTES:

^a Horizontal Control to NM State Plane Coordinates Central NAD83 Grid Coordinates (in feet)

^b Measured in feet below the top of casing at survey point on north side of well

MONITOR WELL SAMPLING FIELD FORM

SITE NAME: _____

SITE ADDRESS: _____

FLUID LEVEL DATA

Well ID 833-01 Date Gauged 8/29/17

Site Big Sky Time Gauged 11:35

Depth to PSH 8 feet Well Diameter 4 inches

Depth to Water 2 feet Height of Fluid Column 6 feet

Total Depth 36.32 feet Volume in Well 2 gallons

(3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged _____

Purged Method _____

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

Actual Purge Volume 0 gals

Field Measurements stabilized within ± 10%

Time/Date Sampled N/A

Purged/Sampled By [Signature]

Sample Method _____

Requested Analyses _____

Comments/Observations well is dry

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 833-0a Date Gauged 9/5-13
 Site Big SKY Time Gauged 10:10
 Depth to PSH _____ feet Well Diameter 4" inches
 Depth to Water 35.67 feet Height of Fluid Column 21.98 feet
 Total Depth 57.65 feet Volume in Well 14.50 gallons
 (3 Well Volumes = ~~43.5~~ 43.52 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:20 Purged Method Pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 12:35 | 36 | 36 36 | 23.1 | 6108 | 7.10 | 210 | 4822 |
| 12:36 | 1 | 37 37 | 21.4 | 6192 | 6.87 | 211 | 4868 |
| 12:37 | 1 | 38 38 | 21.2 | 6187 | 6.73 | 200 | 4896 |
| 12:39 | 1 | 39 | 21.0 | 6183 | 6.72 | 208 | 4895 |
| 12:41 | 1 | 40 | 21.0 | 6158 | 6.67 | 203 | 4896 |
| 12:42 | 1 | 41 | 20.8 | 6145 | 6.64 | 200 | 4904 |
| 12:43 | 1 | 42 | 20.9 | 6150 | 6.61 | 200 | 4900 |
| 12:44 | 1 | 43 | 20.8 | 6148 | 6.59 | 198 | 4888 |

Actual Purge Volume 43-45 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 12:44 9/5/13 Purged/Sampled By Pump

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 SAMPLING FIELD FORM

SITE NAME: _____

SITE ADDRESS: _____

FLUID LEVEL DATA

Well ID 833-03 Date Gauged 8-29-13

Site Big Sky Time Gauged 8:20

Depth to PSH 0 feet Well Diameter 4 inches

Depth to Water 0 feet Height of Fluid Column 0 feet

Total Depth 62.77 feet Volume in Well 0 gallons

(3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged N/A

Purged Method N/A

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

Actual Purge Volume 0 gals

Field Measurements stabilized within ± 10%

Time/Date Sampled N/A

Purged/Sampled By [Signature]

Sample Method _____

Requested Analyses _____

Comments/Observations Well is dry

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 SAMPLING FIELD FORM

SITE NAME: _____

SITE ADDRESS: _____

FLUID LEVEL DATA

Well ID 833-04 Date Gauged 8/30/13

Site Big Sky Time Gauged 6:55

Depth to PSH 0 feet Well Diameter 4" inches

Depth to Water 44.03 feet Height of Fluid Column 9.72 feet

Total Depth 53.75 feet Volume in Well 6.41 gallons

(3 Well Volumes = 19 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 7:00 am

Purged Method _____

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|---------|-----------------|-----------------------|-----------|-------------|------|----------|--------------------------|
| 7:11 am | 5 | 5 | 22 | 7634 | 6.67 | 324 | 6537 |
| 7:23 am | 5 | 10 | 21.5 | 4439 | 6.98 | 276 | 3422 |
| 7:34 am | 5 | 15 | 21.3 | 4736 | 7.00 | 264 | 3371 |
| 7:42 am | 4 | 15 19 | 22.4 | 4599 | 6.99 | 220 | 3269 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 19 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 7:42 am Purged/Sampled By 6

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 ga/ft

MONITOR WELL SAMPLING FIELD FORM

SITE NAME: _____

SITE ADDRESS: _____

FLUID LEVEL DATA

Well ID 833-05 Date Gauged 8-29-13

Site Big Sley Time Gauged 8:31

Depth to PSH 0 feet Well Diameter 4 inches

Depth to Water 65.80 feet Height of Fluid Column 8.09 feet

Total Depth 73.89 feet Volume in Well 5.33 gallons

(3 Well Volumes = 16 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 8-45

Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|--------------------------|
| 9:02 | 5 | 5 | 22.5 | 4254 | 6.92 | 206 | 3266 |
| 9:12 | 5 | 10 | 22.6 | 4250 | 6.44 | 221 | 3261 |
| 9:24 | 5 | 15 | 22.6 | 4242 | 6.23 | 219 | 3255 |
| 9:27 | 1 | 16 | 22.5 | 4250 | 6.63 | 139 | 3258 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 16 gals Field Measurements stabilized within ± 10%

Time/Date Sampled ~~8:29/13~~ 8-29-13 9:27 Purged/Sampled By JW

Sample Method Bailer

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 SAMPLING FIELD FORM

SITE NAME: _____

SITE ADDRESS: _____

FLUID LEVEL DATA

Well ID B33-06 Date Gauged ~~8/28~~ 8/30/13

Site BIG SKY Time Gauged 7:50 am

Depth to PSH 8 feet Well Diameter 4 inches

Depth to Water 75.47 feet Height of Fluid Column 9.47 feet

Total Depth 84.94 feet Volume in Well 6.25 gallons

(3 Well Volumes = 18 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 7:55 Purged Method _____

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|------------|
| 8:09 | 5 | 5 | 22.5 | 3555 | 7.03 | 207 | 2692 |
| 8:24 | 5 | 10 | 21.5 | 3581 | 6.72 | 215 | 2698 |
| 8:40 | 5 | 15 | 21.4 | 3579 | 6.59 | 218 | 2693 |
| 8:51 | 3 | 18 | 21.3 | 3591 | 6.50 | 219 | 2701 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 18 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 8:51 8/30/13 Purged/Sampled By JAN

Sample Method Bas1

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 SAMPLING FIELD FORM

SITE NAME: Big Sky

SITE ADDRESS: _____

FLUID LEVEL DATA

Well ID 833-07

Date Gauged 8-29-13

Site Big Sky

Time Gauged 9:53

Depth to PSH 0 feet

Well Diameter 4" inches

Depth to Water 61.45 feet

Height of Fluid Column 12.01 feet

Total Depth 73.46 feet

Volume in Well 7.92 gallons

(3 Well Volumes = 23 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:00

Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 10:26 | 5 | 5 | 21.4 | 6743 | 6.39 | 174 | 5405 |
| 10:40 | # 5 | 10 | 21.5 | 6719 | 6.63 | 150 | 5389 |
| 10:53 | 5 | 15 | 21.6 | 6716 | 6.48 | 158 | 5386 |
| 11:07 | 5 | 20 | 21.5 | 6705 | 6.32 | 163 | 5374 |
| 11:15 | 3 | 23 | 21.7 | 6687 | 6.25 | 167 | 5358 |
| | 22 | | | | | | |
| | 23 | | | | | | |
| | | | | | | | |

Actual Purge Volume 23 gals

Field Measurements stabilized within ± 10%

Time/Date Sampled 11:16 / 8-29-13

Purged/Sampled By AW

Sample Method Bailer

Requested Analyses _____

Comments/Observations Water was slow to fill for first 5 gallons. Clear 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 SAMPLING FIELD FORM

SITE NAME: _____

SITE ADDRESS: _____

FLUID LEVEL DATA

Well ID 833-08 Date Gauged 8/29/13

Site Big Sky Time Gauged 11:45

Depth to PSH 8 feet Well Diameter 4" inches

Depth to Water 61.0 feet Height of Fluid Column 11.84 feet

Total Depth 72.85 feet Volume in Well 7.81 gallons

(3 Well Volumes = 23 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 8/29/13 ~~10/28/11-05~~ Purged Method Bailed

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 12:09 | 5 | 5 | 22.8 | 4437 | 6.70 | 146 | 3843 |
| 12:24 | 5 | 10 | 22.8 | 4448 | 6.28 | 162 | 3852 |
| 12:39 | 5 | 15 | 22.8 | 5267 | 6.56 | 166 | 4125 |
| 12:51 | 5 | 20 | 23.2 | 5234 | 6.51 | 173 | 4094 |
| 12:58 | 3 | 23 | 23.2 | 5213 | 6.54 | 170 | 4073 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 23 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 12:59 8/29/13 Purged/Sampled By DW

Sample Method Bailed

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 SAMPLING FIELD FORM

SITE NAME: _____

SITE ADDRESS: _____

FLUID LEVEL DATA

Well ID 833-09 Date Gauged 8/29/13

Site Big Sky Time Gauged 1:35

Depth to PSH 0 feet Well Diameter 4" inches

Depth to Water 27.73 feet Height of Fluid Column 11.64 feet

Total Depth 39.37 feet Volume in Well 7.68 gallons

(3 Well Volumes = 23 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged ~~1:40~~ 1:40

Purged Method Bailed

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 1:47 | 5 | 5 | 24.9 | 5537 | 6.97 | 141 | 4337 |
| 1:55 | 5 | 10 | 22.2 | 5687 | 6.63 | 149 | 4478 |
| 2:02 | 5 | 15 | 22.2 | 9237 | 6.80 | 148 | 4452 |
| 2:09 | 5 | 20 | 22.6 | 5621 | 6.83 | 149 | 4450 |
| 2:12 | 3 | 23 | 22.6 | 5636 | 6.53 | 152 | 4448 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 23 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 2:12 8/29/13 Purged/Sampled By AV

Sample Method Bailed

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 SAMPLING FIELD FORM

SITE NAME: _____

SITE ADDRESS: _____

FLUID LEVEL DATA

Well ID 833-10 Date Gauged 8/29/13

Site Big Sky Time Gauged 2:17

Depth to PSH Ø feet Well Diameter 4 inches

Depth to Water 21.93 feet Height of Fluid Column 15.2 feet

Total Depth 37.13 feet Volume in Well 10.032 gallons

(3 Well Volumes = 30 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 2:20

Purged Method _____

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 2:28 | 5 | 5 | 20.5 | 4115 | 6.62 | 162 | 3155 |
| 2:36 | 5 | 10 | 20.4 | 4104 | 6.74 | 168 | 3141 |
| 2:42 | 5 | 15 | 19.3 | 4111 | 6.70 | 173 | 3154 |
| 2:48 | 5 | 20 | 19.5 | 4117 | 6.59 | 176 | 3162 |
| 2:54 | 5 | 25 | 19.3 | 4025 | 6.47 | 179 | 3141 |
| 3:00 | 5 | 30 | 19.5 | 4084 | 6.56 | 181 | 3136 |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 30 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 3:00 8/29/13 Purged/Sampled By [Signature]

Sample Method Bailed

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

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Ave, Ste 9
Lubbock, Texas 79424
Tel (806) 784-1296
Fax (806) 784-1298
1 (800) 378-1298

5002 Basin Street, Suite A1
Midland, Texas 79703
Tel (432) 689-6301
Fax (432) 689-6313

200 East Sunset Rd., Suite E
El Paso, Texas 79922
Tel (915) 585-3443
Fax (915) 585-4944

BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750

Company Name: D & H Petroleum and Environmental
Address: 1221 Tower Trail In El Paso, TX
Contact Person: Victor Ayala
E-mail: va.yala@ehpump.com
Phone #: 915-859-8150
Fax #:
Project Name: Big SKY

Project Location: Big Sky 17006 Steen Dr Mesquite, NM
(Include state)
Project #: 422485
Sampler Signature: July

| LAB # (LAB USE ONLY) | FIELD CODE | # CONTAINERS | Volume/Amount | MATRIX | | | PRESERVATIVE METHOD | | | | SAMPLING | | |
|-------------------------|------------|--------------|---------------|--------|------|-----|---------------------|-----|------------------|--------------------------------|----------|------|-------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCL | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE |
| | 833-05 | 1 | 250ml | X | | | X | | | X | | 8/28 | 12:18 |
| | 833-05 | 1 | | | | | X | | | X | | 8/27 | 9:27 |
| | 833-07 | 1 | | | | | X | | | X | | 8/24 | 11:14 |
| | 833-07 | 1 | | | | | X | | | X | | 8/29 | 11:16 |
| | 833-08 | 1 | | | | | X | | | X | | 8/24 | 11:49 |
| | 833-08 | 1 | | | | | X | | | X | | 8/24 | 11:45 |
| | 833-09 | 1 | | | | | X | | | X | | 8/24 | 1:35 |
| | 833-09 | 1 | | | | | X | | | X | | 8/29 | 1:38 |
| | 833-10 | 1 | | | | | X | | | X | | 8/29 | 2:17 |
| | 833-10 | 1 | | | | | X | | | X | | 8/29 | 2:17 |

Relinquished by: July Company: D & H Date: 8/29/13 Time: 5:40
 Relinquished by: Don Pettigrew Company: TRAP Date: 8/28/13 Time: 15:00
 Relinquished by: _____ Company: _____ Date: _____ Time: _____

ANALYSIS REQUEST (Circle or Specify Method No.)

| | |
|-----------------------------------------------------------------------------------------------------------------------------|---|
| MTBE 8021B / 602 / 8260B / 624 | |
| BTEX 8021B / 602 / 8260B / 624 | |
| TPH 418.1 / TX1005 / DRO / TVHC | |
| PAH 8270C / 625 | |
| Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B / 200.7 | |
| TCLP Metals Ag As Ba Cd Cr Pb Se Hg | |
| TCLP Volatiles | |
| TCLP Semi Volatiles | |
| TCLP Pesticides | |
| RCI | |
| GC/MS Vol. 8260B / 624 | |
| GC/MS Seml. Vol. 8270C/625 | |
| PCB's 8082 / 608 | |
| Pesticides 8081A / 608 | |
| BOD, TSS, pH | |
| Moisture Content | |
| Cl ⁻ , SO ₄ ²⁻ , NO ₃ ⁻ , PO ₄ ³⁻ , Alkalinity | X |
| Na, Ca, Mg, K, ID ⁺ , EC | X |
| Turn Around Time if different from standard | |

LAB USE ONLY
 Intact N
 Headspace Y / N / NA
 Log-in Review
 Carrier # Cruz

REMARKS: TDS, Cl, NO3, NH4P

Dry Weight Basis Required
 TRRP Report Required
 Check if Special Reporting Limits Are Needed

LAB Order ID #

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Ave, Ste 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

5002 Basin Street, Suite A1
Midland, Texas 79703
Tel (432) 689-6301
Fax (432) 689-6313

200 East Sunset Rd., Suite E
El Paso, Texas 79922
Tel (915) 585-3443
Fax (915) 585-4844

BioAqualic Testing
2501 Mayes Rd., Ste 1006
Carrollton, Texas 75006
Tel (972) 242-7750

Company Name: *D-H* Phone #: *915-859-8150*

Address: *1221 Tower Trail Ln El Paso, Tx* Fax #:

Contact Person: *Victor Ayala* E-mail: *vayala@oilpump.com*

Invoice to: *Big Sky, PO Box 10, Mesquite, NM 88048*

Project #: *422485* Project Name:

Project Location: *Big Sky 17500 STERN DR Mesquite, NM* Sampler Signature: *RVY*

| LAB # (LAB USE ONLY) | FIELD CODE | # CONTAINERS | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | SAMPLING | | |
|-------------------------|--------------|--------------|---------------|--------|-----|--------|------|--------------------------------|------|-----|------|----------|---------|---------|
| | | | | WATER | AIR | SLUDGE | SOIL | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME | |
| | 833 - lagoon | 1 | 250 | | | | | X | | X | | | 7/12/08 | 7:41:00 |
| | 833 - lagoon | 1 | ↑ | | | | | X | | X | | | 7/12/08 | 7:41:00 |

Relinquished by: *RVY* Company: *D-H* Date: *8/29/13* Time: *3:40*

Received by: *[Signature]* Company: *[Signature]* Date: *8/29/13* Time: *15:40*

Relinquished by: *[Signature]* Company: *[Signature]* Date: *8/29/13* Time: *3:40*

Received by: *[Signature]* Company: *[Signature]* Date: *8/29/13* Time: *15:40*

Relinquished by: *[Signature]* Company: *[Signature]* Date: *8/29/13* Time: *3:40*

Received by: *[Signature]* Company: *[Signature]* Date: *8/29/13* Time: *15:40*

ANALYSIS REQUEST (Circle or Specify Method No.)

| | |
|-------------------------------------|-------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | MTBE 8021B / 602 / 8260B / 624 |
| <input type="checkbox"/> | BTEX 8021B / 602 / 8260B / 624 |
| <input type="checkbox"/> | TPH 418.1 / TX1005 / DRO / TVHC |
| <input type="checkbox"/> | PAH 8270C / 625 |
| <input type="checkbox"/> | Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B / 200.7 |
| <input type="checkbox"/> | TCLP Metals Ag As Ba Cd Cr Pb Se Hg |
| <input type="checkbox"/> | TCLP Volatiles |
| <input type="checkbox"/> | TCLP Semi Volatiles |
| <input type="checkbox"/> | TCLP Pesticides |
| <input type="checkbox"/> | RCI |
| <input type="checkbox"/> | G/CMS Vol. 8260B / 624 |
| <input type="checkbox"/> | G/CMS Semi Vol. 8270C/625 |
| <input type="checkbox"/> | PCB's 8082 / 608 |
| <input type="checkbox"/> | Pesticides 8081A / 608 |
| <input type="checkbox"/> | BOD, TSS, pH |
| <input type="checkbox"/> | Moisture Content |
| <input checked="" type="checkbox"/> | Cl, F, SO ₄ , NO ₃ -N, NO ₂ -N, PO ₄ -P, Alkalinity |
| <input checked="" type="checkbox"/> | Na, Ca, Mg, K, TDS, EC |
| <input checked="" type="checkbox"/> | Turn Around Time if different from standard |

REMARKS: *TOP CI, NO3 w EP*

LAB USE ONLY

Intact / N

Headspace Y / N / NA

Log-in Review

Carrier # *[Signature]*

Submission of samples constitutes agreement to Terms and Conditions

ORIGINAL COPY

TraceAnalysis, Inc.

6701 Aberdeen, Ste. 9
Lubbock, TX 79424
Tel (806) 794-1296
Fax (806) 794-1298

Company Name: D & H
D&H Petroleum & Environmental Services
Address: (Street, City, Zip)
1221 Tower Trail Ln., El Paso, Texas 79907

Phone #: 915-859-8150
Cell #:
Fax #:
E-mail: vayala@dhpump.com

155 McCutcheon, Ste. H. El
Paso, TX 79932
Tel (915) 585-3443
Fax (915) 585-4944

Invoice to (if different from above):
Big Sky Dairy, PO Box 10, Mesquite, NM 88048
Project Name:
Big Sky
Sampler Signature: [Signature]

Project #: 422465
Project Location (including state):
17800 Stern Dr. Mesquite, NM

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | SAMPLING | | Turn Around Time | Hold | | | | | |
|-------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|------|------------------|------|------|------|--|--|--|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | | | DATE | TIME | | | |
| | 833-02 | 1 | 500ml | X | | | | X | | | | X | | | | | | | | |
| | 833-02 | 1 | 500ml | X | | | | X | | | | X | | | | | | | | |
| | 833-04 | 1 | 500ml | X | | | | X | | | X | | | | 8/30 | 7:42 | | | | |
| | 833-04 | 1 | 500ml | X | | | | X | | | X | | | | 8/30 | 7:42 | | | | |
| | 833-06 | 1 | 500ml | X | | | | X | | | X | | | | ↓ | 8:51 | | | | |
| | 833-06 | 1 | 500ml | X | | | | X | | | X | | | | ↓ | 8:51 | | | | |

ANALYSIS REQUEST

| | |
|--------------------------------------------------|---|
| MTBE 8021B/602 | |
| BTEX 8021B/602 | |
| TPH 418.1 / TX1005 | |
| TX 1005 Extended (C35) | |
| PAH 8270C | |
| PAH 8270 (Low Level Analysis) | |
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | X |
| Nitrates/Nitrite EPA 353.5 modified 300.0 | X |
| Total Kjeldahl Nitrogen SM 4500 NOR G C | X |
| Chloride EPA 300.0 | X |
| Total Dissolved Solids SM 2540 C MOD | X |

Remarks: TPS cl no₂ w/EP
By EPA Clog
Dry Weight Basis Required
TRRP Report Required

Lab Use Only
Intact Y / N
Headspace Y / N
Temp 32.0 C
Log-in Review

Received By: [Signature] Date: 8/30/13 Time: 15:25
Received at Laboratory By: [Signature] Date: 8/30/13 Time: 11:35

8701 Aberdeen, Ste. 9
 Lubbock, TX 79424
 Tel (806) 794-1296
 Fax (806) 794-1298

155 McCurtain, Ste. H El Paso, TX 79932
 Tel (915) 585-3443
 Fax (915) 585-4944

TraceAnalysis, Inc.

Company Name: D&H Petroleum & Environmental Services
 Address: (Street, City, Zip) 1221 Tower Trail Ln., El Paso, Texas 79907
 Contact Person: Victor Ayala
 Phone #: 915-859-8150
 Cell #: _____
 Fax #: _____
 E-mail: vayala@dhpump.com

Invoice to (if different from above): George Segura 575-233-3620
 Big Sky Dairy, P.O. Box 10, Mesquite, NM 88048
 Project #: 422485
 Project Name: Big Sky Dairy
 Project Location (including state): Big Sky Dairy, 17600 Stern Drive, Mesquite, NM
 Sampler Signature: *[Signature]*

| LAB # (LAB USE ONLY) | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | DATE | TIME |
|-------------------------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|--------|-------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | | |
| 833-4 | | 1 | | X | | | | X | | | | | |
| 833-1 | | 1 | | X | | | | X | | | | 9/5/13 | 12:44 |
| 833-2 | | 1 | 250 | X | | | | X | | | | 9/5/13 | 12:44 |
| 833-2 | | 1 | 250 | X | | | | X | | | | | |
| 833-3 | | 1 | | X | | | | X | | | | | |
| 833-3 | | 1 | | X | | | | X | | | | | |
| 833-4 | | 1 | | X | | | | X | | | | | |
| 833-4 | | 1 | | X | | | | X | | | | | |
| 833-5 | | 1 | | X | | | | X | | | | | |
| 833-5 | | 1 | | X | | | | X | | | | | |
| 833-6 | | 1 | | X | | | | X | | | | | |
| 833-6 | | 1 | | X | | | | X | | | | | |
| 833-7 | | 1 | | X | | | | X | | | | | |
| 833-7 | | 1 | | X | | | | X | | | | | |
| 833-8 | | 1 | | X | | | | X | | | | | |
| 833-8 | | 1 | | X | | | | X | | | | | |
| 833-8 | | 1 | | X | | | | X | | | | | |

Relinquished By: _____ Date: 09/05/13 Time: 3:10
 Received By: *Dannach* Date: _____ Time: _____
 Received at Laboratory By: *T.A. 9-5-13* Date: _____ Time: 15:10

| LAB Order ID # | ANALYSIS REQUEST | Remarks: |
|----------------|--------------------------------------------------|----------|
| | MTBE 8021B/602 | |
| | BTEX 8021B/602 | |
| | TPH 418.1 / TX1005 | |
| | TX 1005 Extended (C35) | |
| | PAH 8270C | |
| | PAH 8270 (Low Level Analysis) | |
| | Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | |
| | Nitrates EPA 300 | |
| | Total Kjeldhal Nitrogen SM 4500 NORG C | |
| | Chloride EPA 300.0 | |
| | Total Dissolved Solids SM 2540 C MOD | |
| | Turn Around Time | |
| | Hold | |

Lab Use Only
 Intact Y / N
 Headspace Y / N
 Temp *182* 212
 Log-in Review
 Dry Weight Basis Required
 TRRP Report Required
 Remarks: *ICE*
TKN @ Colback

TraceAnalysis, Inc.

Company Name: D&H Petroleum & Environmental Services
Address: (Street, City, Zip) 1221 Tower Trail Ln., El Paso, Texas 79907
Contact Person: Victor Ayala
Phone #: 915-859-8150
Cell #:
Fax #:
E-mail: vayala@dhpump.com

Project #: 88-422487
Project Name: Bright Star Dairy
Sampler Signature: *Carol R R*

Project Location (including state): Bright Star Dairy, 13520 Stern Drive, Mesquite, NM
Invoice to (if different from above): Bright Star Dairy, P.O. Box 167, Mesquite, NM 88048
Project Name: Tim Hyde 575-233-2029
Project Name: Bright Star Dairy

| LAB # (LAB USE ONLY) | Field Code | # Containers | Volume/Amount | MATRIX | | | PRESERVATIVE METHOD | | | | | Sampling | | |
|-------------------------|------------|--------------|---------------|--------|-----|--------|---------------------|------------------|--------------------------------|------|-----|----------|--------|-------|
| | | | | WATER | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME |
| 340-1 | | 1 | 250ml | X | | | | X | | | X | | 8-8-13 | 10:59 |
| 340-1 | | 1 | 250ml | X | | | | X | | | X | | 8-8-13 | 10:56 |
| 340-2 | | 1 | 250ml | X | | | | X | | | X | | 8-8-13 | 11:53 |
| 340-2 | | 1 | 250ml | X | | | | X | | | X | | 8-8-13 | 11:53 |
| 70/86/340 | | 1 | 250ml | X | | | | X | | | X | | 8-8-13 | 10:05 |
| 70/86/340 | | 1 | 250ml | X | | | | X | | | X | | 8-8-13 | 10:05 |
| 86/340 | | 1 | 250ml | X | | | | X | | | X | | 8-8-13 | 9:01 |
| 86/340 | | 1 | 250ml | X | | | | X | | | X | | 8-8-13 | 9:01 |
| 340 Lagoon | | 1 | 250ml | X | | | | X | | | X | | 8-8-13 | 13:02 |
| 340 Lagoon | | 1 | 250ml | X | | | | X | | | X | | 8-8-13 | 13:02 |

ANALYSIS REQUEST

| | |
|--------------------------------------------------|---|
| MTBE 8021B/602 | |
| BTEX 8021B/602 | |
| TPH 418.1 / TX1005 | |
| TX 1005 Extended (C35) | |
| PAH 8270C | |
| PAH 8270 (Low Level Analysis) | |
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | X |
| Nitrates EPA 300 | X |
| Total Kjeldahl Nitrogen SM 4500 NORG C | X |
| Chloride EPA 300.0 | X |
| Total Dissolved Solids SM 2540 C MOD | X |

Turn Around Time

Hold

Relinquished By: *Ansel M Rivera* Date: 8-8-13 Time: 15:00
 Received at Laboratory By: *Danny de Haro* Date: 8-8-13 Time: 15:00

Relinquished By: _____ Date: _____ Time: _____
 Received at Laboratory By: _____ Date: _____ Time: _____

Lab Use Only
 Intact Y / N
 Headspace Y / N
 Temp *12-1* *2/7*
 Log-in Review _____

Remarks: *ICE*
Mixtures Chloride TDS to FT.
TK & Lubex

Dry Weight Basis Required
 TRRP Report Required

(6)

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 70/86/340-01 Date Gauged 08/08/13
 Site Bright Star Time Gauged 9:08
 Depth to PSH _____ feet Well Diameter 4" inches
 Depth to Water 46.44 feet Height of Fluid Column 21.17 feet
 Total Depth 67.61 feet Volume in Well 13.97 gallons
 (3 Well Volumes = 42 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 8/8/13 9:10 am Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 9:51 | 35 | 35 | 22.6 | 9635 | 7.57 | 338 | 8054 |
| 9:53 | 1 | 36 | 21.1 | 9680 | 7.21 | 314 | 8043 |
| 9:54 | 1 | 37 | 20.6 | 9717 | 7.18 | 309 | 8050 |
| 9:56 | 1 | 38 | 20.9 | 9632 | 6.75 | 300 | 8059 |
| 9:58 | 1 | 39 | 20.5 | 9781 | 6.88 | 311 | 8143 |
| 10:00 | 1 | 40 | 20.6 | 9750 | 6.59 | 297 | 8132 |
| 10:02 | 1 | 41 | 20.5 | 9767 | 6.66 | 303 | 8146 |
| 10:03 | 1 | 42 | 20.4 | 9789 | 6.51 | 295 | 8160 |

Actual Purge Volume 42 gals Field Measurements stabilized within ± 10%
 Time/Date Sampled 10:05 8-8-13 Purged/Sampled By Anjel M. Rivera
 Sample Method Bailer
 Requested Analyses _____
 Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 86/340-01 Date Gauged 8-8-13
 Site Bright Star Time Gauged 8:02

Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 53.29 feet Height of Fluid Column 17.81 feet
 Total Depth 71.10 feet Volume in Well 11.75 gallons
 (3 Well Volumes = 35 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 8:11 8-8-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 8:42 | 28 | 28 | 20.7 | 4657 | 7.66 | 254 | 3627 |
| 8:44 | 1 | 29 | 20.9 | 4679 | 7.29 | 242 | 3633 |
| 8:47 | 1 | 30 | 20.8 | 4667 | 7.01 | 236 | 3615 |
| 8:49 | 1 | 31 | 20.5 | 4675 | 6.94 | 233 | 3627 |
| 8:52 | 1 | 32 | 20.5 | 4678 | 6.97 | 231 | 3629 |
| 8:55 | 1 | 33 | 20.4 | 4685 | 6.99 | 227 | 3631 |
| 8:57 | 1 | 34 | 20.4 | 4690 | 7.01 | 225 | 3636 |
| 9:00 | 1 | 35 | 20.4 | 4670 | 6.94 | 224 | 3629 |

Actual Purge Volume 35 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 9:01 8-8-13 Purged/Sampled By Arvid H. P.

Sample Method Bailer

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 ga/ft

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 340-01 Date Gauged 8-8-13
 Site Bright Star Time Gauged 10:27
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 41.21 feet Height of Fluid Column 6.65 feet
 Total Depth 47.86 feet Volume in Well 4.3 gallons
 (3 Well Volumes = 13 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:32 8-8-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TPS DO (mg/L) |
|-------|-----------------|-----------------------|-----------|----------------------|------|----------|---------------|
| 10:45 | 6 | 6 | 22.9 | 4557 | 8.08 | 235 | 3471 |
| 10:47 | 1 | 7 | 22.1 | 4499 | 7.56 | 249 | 3458 |
| 10:49 | 1 | 8 | 21.7 | 4559 | 7.36 | 254 | 3483 |
| 10:51 | 1 | 9 | 22.1 | 4617 | 7.21 | 266 | 3563 |
| 10:52 | 1 | 10 | 21.6 | 4589 | 7.14 | 261 | 3552 |
| 10:53 | 1 | 11 | 21.8 | 4460 4618 | 6.97 | 268 | 3580 |
| 10:55 | 1 | 12 | 21.9 | 4641 | 6.85 | 270 | 3598 |
| 10:58 | 1 | 13 | 22.2 | 4667 | 6.76 | 288 | 3611 |

Actual Purge Volume 13 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 10:59 8-8-13 Purged/Sampled By Angel N Rivera

Sample Method Bailer

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 340-02 Date Gauged 8-8-13
 Site Bright Star Time Gauged 11:19
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 52.92 feet Height of Fluid Column 3.89 feet
 Total Depth 56.81 feet Volume in Well 2.5 gallons
 (3 Well Volumes = 7.7 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:24 8-8-13 Purged Method Boiler

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 11:27 | 1 | 1 | 23.5 | 4818 | 7.50 | 294 | 3724 |
| 11:29 | 1 | 2 | 22.9 | 4866 | 7.68 | 293 | 3767 |
| 11:33 | 1 | 3 | 23.1 | 4818 | 7.53 | 286 | 3740 |
| 11:40 | 1 | 4 | 22.9 | 4837 | 7.26 | 285 | 3728 |
| 11:43 | 1 | 5 | 22.6 | 4813 | 7.20 | 280 | 3739 |
| | 1 | 6 | | | | | |
| | 1 | 7 | | | | | |
| | 1 | 8 | | | | | |

Actual Purge Volume 8.5 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 11:53 8-8-13 Purged/Sampled By Arnd U. P. Rinow

Sample Method Boiler

Requested Analyses _____

Comments/Observations Low water flow. after 3-4 gals of purged water. could not purge all 8 gals.

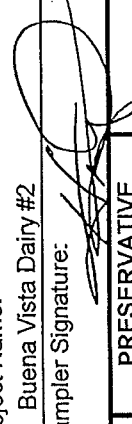
Well Casing Volumes

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

6701 Aberdeen, Ste. 9
 Lubbock, TX 79424
 Tel (806) 794-1296
 Fax (806) 794-1298

Company Name: _____
 D&H Petroleum & Environmental Services
 Address: (Street, City, Zip)
 1221 Tower Trail Ln., El Paso, Texas 79907
 Contact Person: _____
 Victor Ayala

Phone #: 915-859-8150
 Cell #: _____
 Fax #: _____
 E-mail: vayala@dhpump.com

Project Name: Buena Vista Dairy #2
 Sampler Signature: 

Femie 575-233-4646
 Buena Vista Dairy #2, P.O. Box 346, Mesquite, NM 88048
 Project #: 422534



Project Location (including state):
 Buena Vista Dairy #2, 16910 Stern Drive, Mesquite, NM

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | PRESERVATIVE METHOD | | | | | | Sampling | | Turn Around Time | |
|-----------|------------|--------------|---------------|--------|------|-----|---------------------|-----|------------------|--------------------------------|------|-----|----------|---------|------------------|------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | | TIME |
| 74-1 | | 1 | 200ml | X | | | | X | | X | | | X | 8-21-13 | 1252 | |
| 74-1 | | 1 | | X | | | | X | | X | | | X | | 1252 | |
| 74-2 | | 1 | | X | | | | X | | X | | | X | | 1350 | |
| 74-2 | | 1 | | X | | | | X | | X | | | X | | 1350 | |
| 74-3 | | 1 | | X | | | | X | | X | | | X | | 1443 | |
| 74-3 | | 1 | | X | | | | X | | X | | | X | | 1443 | |
| 74-4 | | 1 | | X | | | | X | | X | | | X | | | |
| 74-4 | | 1 | | X | | | | X | | X | | | X | | | |
| 74-5 | | 1 | | X | | | | X | | X | | | X | | | |
| 74-5 | | 1 | | X | | | | X | | X | | | X | | | |
| 74-Lagoon | | 1 | | X | | | | X | | X | | | X | | | |
| 74-Lagoon | | 1 | | X | | | | X | | X | | | X | | | |

ANALYSIS REQUEST

| | |
|--------------------------------------------------|---|
| MTBE 8021B/602 | |
| BTEX 8021B/602 | |
| TPH 418.1 / TX1005 | |
| TX 1005 Extended (C35) | |
| PAH 8270C | |
| PAH 8270 (Low Level Analysis) | |
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | X |
| Nitrates EPA 300 | X |
| Total Kjeldahl Nitrogen SM 4500 NORG C | X |
| Chloride EPA 300.0 | X |
| Total Dissolved Solids SM 2540 C MOD | X |

Remarks: on Ice
TKN - analysis in Lubbock

Relinquished By:  Date: 8/21/13 15:31
 Received By:  Date: 9/2/13 13:50
 Date: 8/21/13 15:31
 Date: 9/2/13 13:50

Lab Use Only
 Intact N
 Headspace Y / N
 Temp _____
 Log-in Review _____

Dry Weight Basis Required
 TRRP Report Required

TraceAnalysis, Inc.

email: lab@traceanalysis.com

5701 Aberdeen Ave, Ste 9
Lubbock Texas 79424
Tel (806) 794-1286
Fax (806) 794-1288
1 (800) 378-1296

5002 Basin Street, Suite A1
Midland, Texas 79703
Tel (432) 689-5301
Fax (432) 689-5313

200 East Sunset Rd., Suite E
El Paso, Texas 79922
Tel (915) 585-3443
Fax (915) 585-4844

BioAnalytic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750

Company Name: D. & H. Petrochemical & Environmental Serv.
 Address: 1221 Tower Trail Ln. El Paso, Tx 79907
 Contact Person: Victor Ayala
 Invoice to: Donna Ana Dairies, P.O. Box 10, Mesquite, NM 88048
 Project #: 422534
 Project Location: Victims Dairies, Dona Ana County, NM
 Project Name: Donna Ana Dairies Consortium
 Matrix: SLUDGE
 Preservative Method: None
 Matrix Signature: [Signature]
 Matrix: AIR
 Preservative Method: H₂O₂
 Matrix: SOIL
 Preservative Method: NaOH
 Matrix: WATER
 Preservative Method: HCl

| LAB # (LAB USE ONLY) | FIELD CODE | # CONTAINERS | Volume/Amount | MATRIX | PRESERVATIVE METHOD | | | | | | SAMPLING | | |
|-------------------------|------------|--------------|---------------|--------|---------------------|------------------|--------------------------------|------|-----|------|----------|---------|-------|
| | | | | | HCL | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME | |
| | 74-04 | 1 | 250ml | X | | X | | | X | | | 8-22-03 | 12:00 |
| | 74-04 | 1 | 1 | X | | X | | | X | | | 8-22-03 | 12:00 |
| | 74 Lagon | 1 | 1 | X | | X | | | X | | | 8-22-03 | 13:19 |
| | 74 Lagon | 1 | 1 | X | | X | | | X | | | 8-22-03 | 13:19 |
| | 74-05 | 1 | 1 | X | | X | | | X | | | 8-22-03 | 15:01 |
| | 74-05 | 1 | 1 | X | | X | | | X | | | 8-22-03 | 15:01 |

| Relinquished by: | Company: | Date: | Time: | Received by: | Company: | Date: | Time: |
|------------------|----------|---------|-------|---------------|----------|---------|-------|
| [Signature] | DEA | 8/24/03 | 1542 | Denny de Haro | | 8-22-03 | 15:42 |
| | | | | | | | |
| | | | | | | | |

ANALYSIS REQUEST

(Circle or Specify Method No.)

Hold

Turn Around Time If different from standard

Na, Ca, Mg, K, TDS, EC

Cl, F, SO₄, NO₃-N, NO₂-N, PO₄-P, Alkalinity

Moisture Content

BOD, TSS, PH

Pesticides 8081A / 808

PCBs 8082 / 808

GC/MS Semi, Vol. 8270C/626

GC/MS Vol. 8260B / 624

GC/MS Vol. 8260B / 624

TCLP Semi Volatiles

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B / 200.7

PAH 8270C / 625

TPH 418.1 / TX1005 / DRO / TVHC

BTEX 8021B / 602 / 8260B / 624

MTBE 8021B / 602 / 8260B / 624

| ANALYSIS REQUEST | REMARKS: |
|------------------|----------------------------------------------|
| | ICE |
| | Dry Weight Basis Required |
| | NO ₃ , Cl, TDS @ E.P. |
| | TRRP Report Required |
| | TKN @ Lubbock |
| | Check if Special Reporting Limits Are Needed |

LAB USE ONLY

Intact Y N

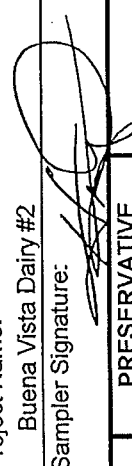
Headspace Y N

Log-in Review

Carrier # LARRY LN

TraceAnalysis, Inc.

Company Name: D&H Petroleum & Environmental Services
Address: (Street, City, Zip) 1221 Tower Trail Ln., El Paso, Texas 79907
Contact Person: Victor Ayala
Phone #: 915-859-8150
Cell #:
Fax #:
E-mail: vayala@dhpump.com

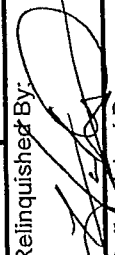

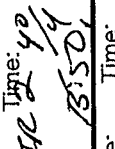
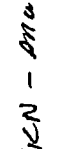
Project #: 422534
Project Name: Buena Vista Dairy #2
Sampler Signature: 

Project Location (including state): Buena Vista Dairy #2, 16910 Stern Drive, Mesquite, NM

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | PRESERVATIVE METHOD | | | | | Sampling | | Turn Around Time | | |
|-----------|------------|--------------|---------------|--------|------|-----|---------------------|-----|------------------|--------------------------------|------|----------|------|------------------|------|------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | | DATE | TIME |
| 74-1 | | 1 | 200ml | X | | | | X | | X | | | | 8-21-13 | 1252 | |
| 74-1 | | 1 | | X | | | | X | | X | | | | | 1252 | |
| 74-2 | | 1 | | X | | | | X | | X | | | | | 1350 | |
| 74-2 | | 1 | | X | | | | X | | X | | | | | 1350 | |
| 74-3 | | 1 | | X | | | | X | | X | | | | | 1443 | |
| 74-3 | | 1 | | X | | | | X | | X | | | | | 1443 | |
| 74-4 | | 1 | | X | | | | X | | X | | | | | | |
| 74-4 | | 1 | | X | | | | X | | X | | | | | | |
| 74-5 | | 1 | | X | | | | X | | X | | | | | | |
| 74-5 | | 1 | | X | | | | X | | X | | | | | | |
| 74-Lagoon | | 1 | | X | | | | X | | X | | | | | | |
| 74-Lagoon | | 1 | | X | | | | X | | X | | | | | | |

ANALYSIS REQUEST

| | |
|--------------------------------------------------|---|
| MTBE 8021B/602 | |
| BTEX 8021B/602 | |
| TPH 418.1 / TX1005 | |
| TX 1005 Extended (C35) | |
| PAH 8270C | |
| PAH 8270 (Low Level Analysis) | |
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | X |
| Nitrates EPA 300 | X |
| Total Kjeldahl Nitrogen SM 4500 NORG C | X |
| Chloride EPA 300.0 | X |
| Total Dissolved Solids SM 2540 C MOD | X |

Relinquished By:  Date: 8/21/13 Time: 15:31
Received By:  Date: 9/2/13 Time: 13:50
Relinquished By:  Date: 8/21/13 Time: 15:31
Received By:  Date: 9/2/13 Time: 13:50

Lab Use Only
 Intact N
 Headspace Y / N
 Temp
 Log-in Review

Remarks: on Ice
 TKN - analysis in Lubbock

Dry Weight Basis Required
 TRRP Report Required

TraceAnalysis, Inc.

email: lab@traceanalysis.com

5701 Aberdeen Ave, Ste 9
Lubbock, Texas 79424
Tel (806) 794-1286
Fax (806) 794-1288
1 (800) 378-1298

5002 Basin Street, Suite A1
Midland, Texas 79703
Tel (432) 689-5301
Fax (432) 689-5313

BioAnalytic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750

Company Name: *D. Hoff Petroleum & Environmental Serv.*

Phone #: *915-859-8150*

Address: *1221 Tower Trail Ln. El Paso, Tx 79907*

Fax #:

Contact Person: *Victor Ayala*

E-mail: *vajala@dhpump.com*

Invoice to: *Dona Ana Dairies, P.O. Box 10, Mesquite, NM 88048*

Linda Armstrong
575-233-3620

Project #: *422534*

Project Name: *Donatras Dairies Consortium*

Project Location: *Vacas Dairies, Dona Ana County, NM*

Sampler Signature: 

| LAB # (LAB USE ONLY) | FIELD CODE | # CONTAINERS | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | SAMPLING | | | |
|-------------------------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------|-------|------|----------|------|---------|-------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCL | HNO3 | H2SO4 | NaOH | ICE | NONE | DATE | TIME |
| | | 1 | 250ml | X | | | | X | | | | X | | 8-22-03 | 12:00 |
| | 74-04 | 1 | 1 | X | | | | X | | | | X | | 8-22-03 | 12:00 |
| | 74 Lagon | 1 | 1 | X | | | | X | | | | X | | 8-22-03 | 13:19 |
| | 74 Lagon | 1 | 1 | X | | | | X | | | | X | | 8-22-03 | 13:19 |
| | 74-05 | 1 | 1 | X | | | | X | | | | X | | 8-22-03 | 15:01 |
| | 74-05 | 1 | 1 | X | | | | X | | | | X | | 8-22-03 | 15:01 |

ANALYSIS REQUEST (Circle or Specify Method No.)

| | |
|----------------------------------------------------------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B / 200.7 | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> PAH 8270C / 625 | <input type="checkbox"/> |
| <input type="checkbox"/> TCLP Metals Ag As Ba Cd Cr Pb Se Hg | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> TCLP Semi Volatiles | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Total Metals Ni + Rates EPA 300 | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Total Metals Ni + Rates EPA 300 | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Chloride EPA 300 | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> GCMs Vol. 8260B / 624 | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> GCMs Seml. Vol. 8270C/625 | <input type="checkbox"/> |
| <input type="checkbox"/> PCBs 8082 / 608 | <input type="checkbox"/> |
| <input type="checkbox"/> Pesticides 8081A / 808 | <input type="checkbox"/> |
| <input type="checkbox"/> BOD, TSS, PH | <input type="checkbox"/> |
| <input type="checkbox"/> Moisture Content | <input type="checkbox"/> |
| <input type="checkbox"/> Cl, F, SO4, NO3-N, NO2-N, PO4-P, Alkalinity | <input type="checkbox"/> |
| <input type="checkbox"/> Na, Ca, Mg, K, TDS, EC | <input type="checkbox"/> |
| <input type="checkbox"/> Total Dissolved Solids 5M 2540 (Mw) | <input type="checkbox"/> |
| <input type="checkbox"/> Turn Around Time if different from standard | <input type="checkbox"/> |

REMARKS: *ICE*

LAB USE ONLY

Intact Y N

Headspace Y N A

Log-in Review

Carrier # *carry in*

Dry Weight Basis Required

TRRP Report Required

Check if Special Reporting Limits Are Needed

NO3, Cl, TDS @ E.P.

TKN @ Lubbock

| | | | | | | | |
|-------------------------------------|---------------------|----------------------|--------------------|-----------------------------------|--------------------------------|----------------------|--------------------|
| Relinquished by: <i>[Signature]</i> | Company: <i>DEA</i> | Date: <i>8/22/03</i> | Time: <i>15:42</i> | Received by: <i>Denny de Haro</i> | Company: <i>Denroy de Haro</i> | Date: <i>8-22-03</i> | Time: <i>15:42</i> |
| Relinquished by: | Company: | Date: | Time: | Received by: | Company: | Date: | Time: |
| Relinquished by: | Company: | Date: | Time: | Received by: | Company: | Date: | Time: |

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 74-01 Date Gauged 8-21-13
 Site Buena Vista # Time Gauged 1200
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 36.69 feet Height of Fluid Column 8.61 feet
 Total Depth 46.30 feet Volume in Well 5.68 gallons
 (3 Well Volumes = 17 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1226 / 8-21-13 Purged Method _____

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1228 | 5 | 5 | 25.3 | 4995 | 7.02 | 161 | 3880 |
| 1233 | 5 | 10 | 25.1 | 4924 | 6.75 | 162 | 3816 |
| 1242 | 5 | 15 | 25.6 | 4884 | 7.07 | 183 | 3774 |
| 1246 | 1 | 16 | 25.1 | 4856 | 6.74 | 181 | 3761 |
| 1250 | 1 | 17 | 25.8 | 4810 | 6.53 | 179 | 3722 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 17 gals Field Measurements stabilized within ± 10% _____
 Time/Date Sampled 1252 / 8-21-13 Purged/Sampled By [Signature]
 Sample Method _____
 Requested Analyses _____
 Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 74-02 Date Gauged 8-21-13
 Site Bucara Vista Time Gauged 13:15
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 17.62 feet Height of Fluid Column 2.69 feet
 Total Depth 20.31 feet Volume in Well 1.78 gallons
 (3 Well Volumes = 5 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1320/8-21-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1322 | 1 | 1 | 25.7 | 3511 | 6.60 | 175 | 2633 |
| 1327 | 1 | 2 | 25.7 | 3483 | 6.69 | 165 | 2612 |
| 1331 | 1 | 3 | 24.7 | 3466 | 6.72 | 168 | 2602 |
| 1339 | 1 | 4 | 25.7 | 3475 | 6.84 | 193 | 2608 |
| 1351 | 1 | 5 | 26.1 | 3488 | 6.90 | 209 | 2610 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 5 gals Field Measurements stabilized within ± 10% _____

Time/Date Sampled 1350/8-21-13 Purged/Sampled By [Signature]

Sample Method Bailer

Requested Analyses _____

Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 74-03 Date Gauged 8-21-13
 Site Buena Vista # Time Gauged 1408
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 15.16 feet Height of Fluid Column 5.14 feet
 Total Depth 20.30 feet Volume in Well 3.39 gallons
 (3 Well Volumes = 10 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 8-21-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1429 | 5 | 5 | 27.1 | 6333 | 6.46 | 204 | 4998 |
| 1431 | 1 | 6 | 25.4 | 6275 | 6.44 | 202 | 4973 |
| 1434 | 1 | 7 | 24.7 | 6273 | 6.49 | 213 | 4986 |
| 1437 | 1 | 8 | 24.8 | 6297 | 6.45 | 212 | 4999 |
| 1440 | 1 | 9 | 25.6 | 6485 | 6.62 | 220 | 5124 |
| 1445 | 1 | 10 | 31.2 | 6295 | 6.61 | 188 | 4975 |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 10 gals Field Measurements stabilized within ± 10%
 Time/Date Sampled 1443 8-21-13 Purged/Sampled By [Signature]
 Sample Method Bailer
 Requested Analyses _____
 Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 74-04 Date Gauged 8-22-13
 Site Bucua Vista II Time Gauged 9:54
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 48.96 feet Height of Fluid Column 9.09 feet
 Total Depth 58.05 feet Volume in Well 6.601 gallons
 (3 Well Volumes = 18.03 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:06 / 8-22-²⁰¹³ Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 10:31 | 5 | 5 | 23.3 | 306.8 | 7.48 | 187 | 2285 |
| 11:01 | 5 | 10 | 24.3 | 306.4 | 7.64 | 284 | 2276 |
| 11:34 | 5 | 15 | 23.9 | 316.1 | 6.78 | 221 | 2352 |
| 11:49 | 1 | 16 | 24.3 | 317.4 | 7.15 | 237 | 2393 |
| 11:53 | 1 | 17 | 23.1 | 316.2 | 7.21 | 245 | 2361 |
| 12:02 | 1 | 18 | 24.4 | 316.8 | 7.12 | 245 | 2363 |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume _____ gals Field Measurements stabilized within ± 10%

Time/Date Sampled 12:00 Purged/Sampled By [Signature]

Sample Method Bailer

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 74-05 Date Gauged 8-22-13
 Site Buena Vista Time Gauged 1350
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 42.10 feet Height of Fluid Column 15.24 feet
 Total Depth 57.34 feet Volume in Well 10.0584 gallons
 (3 Well Volumes = 30.18 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 2:30/8-22-13 Purged Method _____

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------------|-----------------|-----------------------|-------------|-------------|-------------|------------|-------------|
| <u>1435</u> | <u>5</u> | <u>5</u> | <u>24.5</u> | <u>3039</u> | <u>7.23</u> | <u>201</u> | <u>2235</u> |
| <u>1440</u> | <u>5</u> | <u>10</u> | <u>24.0</u> | <u>2949</u> | <u>6.94</u> | <u>210</u> | <u>2184</u> |
| <u>1444</u> | <u>5</u> | <u>15</u> | <u>23.4</u> | <u>2972</u> | <u>7.08</u> | <u>212</u> | <u>2203</u> |
| <u>1448</u> | <u>5</u> | <u>20</u> | <u>23.5</u> | <u>2967</u> | <u>7.04</u> | <u>224</u> | <u>2196</u> |
| <u>1452</u> | <u>5</u> | <u>25</u> | <u>23.7</u> | <u>2950</u> | <u>6.78</u> | <u>229</u> | <u>2188</u> |
| <u>1501</u> | <u>5</u> | <u>30</u> | <u>25.9</u> | <u>2988</u> | <u>6.73</u> | <u>227</u> | <u>2210</u> |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 30 gals Field Measurements stabilized within ± 10%
 Time/Date Sampled 1501/8-22-13 Purged/Sampled By [Signature]
 Sample Method _____
 Requested Analyses _____
 Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 74-01 Date Gauged 8-21-13
 Site Buena Vista # Time Gauged 1200
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 36.69 feet Height of Fluid Column 8.61 feet
 Total Depth 46.30 feet Volume in Well 5.68 gallons
 (3 Well Volumes = 17 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1226 / 8-21-13 Purged Method _____

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1228 | 5 | 5 | 25.3 | 4995 | 7.02 | 161 | 3880 |
| 1233 | 5 | 10 | 25.1 | 4924 | 6.75 | 162 | 3816 |
| 1242 | 5 | 15 | 25.6 | 4884 | 7.07 | 183 | 3774 |
| 1246 | 1 | 16 | 25.1 | 4856 | 6.74 | 181 | 3761 |
| 1250 | 1 | 17 | 25.8 | 4810 | 6.53 | 179 | 3722 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 17 gals Field Measurements stabilized within ± 10% _____
 Time/Date Sampled 1252 / 8-21-13 Purged/Sampled By H. [Signature]
 Sample Method _____
 Requested Analyses _____
 Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 74-02 Date Gauged 8-21-13
 Site Bucara Vista Time Gauged 13:15
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 17.62 feet Height of Fluid Column 2.69 feet
 Total Depth 20.31 feet Volume in Well 1.78 gallons
 (3 Well Volumes = 5 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1320/8-21-13 Purged Method Boiler

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1322 | 1 | 1 | 25.7 | 3511 | 6.60 | 175 | 2633 |
| 1327 | 1 | 2 | 25.7 | 3483 | 6.69 | 165 | 2612 |
| 1331 | 1 | 3 | 24.7 | 3466 | 6.72 | 168 | 2602 |
| 1339 | 1 | 4 | 25.7 | 3475 | 6.84 | 193 | 2608 |
| 1351 | 1 | 5 | 26.1 | 3488 | 6.90 | 209 | 2610 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 5 gals Field Measurements stabilized within ± 10% _____
 Time/Date Sampled 1350/8-21-13 Purged/Sampled By [Signature]
 Sample Method Boiler
 Requested Analyses _____
 Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 74-03 Date Gauged 8-21-13
 Site Buena Vista # Time Gauged 1408
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 15.16 feet Height of Fluid Column 5.14 feet
 Total Depth 20.30 feet Volume in Well 3.39 gallons
 (3 Well Volumes = 10 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 8-21-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1429 | 5 | 5 | 27.1 | 6333 | 6.46 | 204 | 4998 |
| 1431 | 1 | 6 | 25.4 | 6275 | 6.44 | 202 | 4973 |
| 1434 | 1 | 7 | 24.7 | 6273 | 6.49 | 213 | 4986 |
| 1437 | 1 | 8 | 24.8 | 6297 | 6.45 | 212 | 4999 |
| 1440 | 1 | 9 | 25.6 | 6485 | 6.62 | 220 | 5124 |
| 1445 | 1 | 10 | 31.2 | 6295 | 6.61 | 188 | 4975 |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 10 gals Field Measurements stabilized within ± 10%
 Time/Date Sampled 1443 8-21-13 Purged/Sampled By [Signature]
 Sample Method Bailer
 Requested Analyses _____
 Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 74-04 Date Gauged 8-22-13
 Site Bucua Vista II Time Gauged 9:54
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 48.96 feet Height of Fluid Column 9.09 feet
 Total Depth 58.05 feet Volume in Well 6.601 gallons
 (3 Well Volumes = 18.03 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:06 / 8-22-²⁰¹³ Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 10:31 | 5 | 5 | 23.3 | 306.8 | 7.48 | 187 | 2285 |
| 11:01 | 5 | 10 | 24.3 | 306.4 | 7.64 | 284 | 2276 |
| 11:34 | 5 | 15 | 23.9 | 316.1 | 6.78 | 221 | 2352 |
| 11:49 | 1 | 16 | 24.3 | 317.4 | 7.15 | 237 | 2393 |
| 11:53 | 1 | 17 | 23.1 | 316.2 | 7.21 | 245 | 2361 |
| 12:02 | 1 | 18 | 24.4 | 316.8 | 7.12 | 245 | 2363 |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume _____ gals Field Measurements stabilized within ± 10%

Time/Date Sampled 12:00 Purged/Sampled By [Signature]

Sample Method Bailer

Requested Analyses _____

Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 74-05 Date Gauged 8-22-13
 Site Buena Vista Time Gauged 1350
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 42.10 feet Height of Fluid Column 15.24 feet
 Total Depth 57.34 feet Volume in Well 10.0584 gallons
 (3 Well Volumes = 30.18 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 2:30/8-22-13 Purged Method _____

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------------|-----------------|-----------------------|-------------|-------------|-------------|------------|-------------|
| <u>1435</u> | <u>5</u> | <u>5</u> | <u>24.5</u> | <u>3039</u> | <u>7.23</u> | <u>201</u> | <u>2235</u> |
| <u>1440</u> | <u>5</u> | <u>10</u> | <u>24.0</u> | <u>2949</u> | <u>6.94</u> | <u>210</u> | <u>2184</u> |
| <u>1444</u> | <u>5</u> | <u>15</u> | <u>23.4</u> | <u>2972</u> | <u>7.08</u> | <u>212</u> | <u>2203</u> |
| <u>1448</u> | <u>5</u> | <u>20</u> | <u>23.5</u> | <u>2967</u> | <u>7.04</u> | <u>224</u> | <u>2196</u> |
| <u>1452</u> | <u>5</u> | <u>25</u> | <u>23.7</u> | <u>2950</u> | <u>6.78</u> | <u>229</u> | <u>2188</u> |
| <u>1501</u> | <u>5</u> | <u>30</u> | <u>25.9</u> | <u>2988</u> | <u>6.73</u> | <u>227</u> | <u>2210</u> |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 30 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 1501/8-22-13 Purged/Sampled By [Signature]

Sample Method _____

Requested Analyses _____

Comments/Observations _____

TraceAnalysis, Inc.

Company Name: TraceAnalysis, Inc.
 Phone #: 915-859-8150
 Cell #:
 D&H Petroleum & Environmental Services
 Address: (Street, City, Zip)
1221 Tower Trail Ln., El Paso, Texas 79907
 Contact Person: Victor Ayala
 E-mail: vayala@dhpump.com

Project Name: Linda Armstrong 575-233-3620
 Daybreak Dairy
 Project Location (including state):
Del Norte Dairy, P.O. Box 10, Mesquite, NM 88048
 Project #: 422536
 Sampler Signature: [Signature]

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | Sampling | | |
|------------|------------|--------------|---------------|--------|-----|------|--------|---------------------|------------------|--------------------------------|------|----------|---------|-------|
| | | | | WATER | AIR | SOIL | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE |
| 126-4 | | 1 | 250ml | X | | | | X | | X | | | 8-12-13 | 10:21 |
| 126-4 | | 1 | 250ml | X | | | | X | | X | | | 8-12-13 | 10:21 |
| 126-5 | | 1 | 250ml | X | | | | X | | X | | | 8-12-13 | 13:03 |
| 126-5 | | 1 | 250ml | X | | | | X | | X | | | 8-12-13 | 13:03 |
| 126-7 | | 1 | 250ml | X | | | | X | | X | | | 8-12-13 | 16:56 |
| 126-7 | | 1 | 250ml | X | | | | X | | X | | | 8-12-13 | 10:58 |
| 126-9 | | 1 | 250ml | X | | | | X | | X | | | 8-12-13 | 14:47 |
| 126-9 | | 1 | 250ml | X | | | | X | | X | | | 8-12-13 | 14:42 |
| 126-12 | | 1 | 250ml | X | | | | X | | X | | | 8-12-13 | 13:49 |
| 126-12 | | 1 | 250ml | X | | | | X | | X | | | 8-12-13 | 13:49 |
| 126-13 | | 1 | 250ml | X | | | | X | | X | | | 8-12-13 | 9:53 |
| 126-13 | | 1 | 250ml | X | | | | X | | X | | | 8-12-13 | 9:53 |
| 126 Lagoon | | 1 | 250ml | X | | | | X | | X | | | 8-12-13 | 11:21 |
| 126 Lagoon | | 1 | 250ml | X | | | | X | | X | | | 8-12-13 | 11:21 |

| ANALYSIS REQUEST | | | | | | | | | | |
|--------------------------------------------------|---|---|---|---|---|--|--|--|--|--|
| MTBE 8021B/602 | | | | | | | | | | |
| BTEX 8021B/602 | | | | | | | | | | |
| TPH 418.1 / TX1005 | | | | | | | | | | |
| TX 1005 Extended (C35) | | | | | | | | | | |
| PAH 8270C | | | | | | | | | | |
| PAH 8270 (Low Level Analysis) | | | | | | | | | | |
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | | | | | | | | | | |
| Nitrates EPA 300 | X | | | | | | | | | |
| Total Kjeldahl Nitrogen SM 4500 NORGC | | X | | | | | | | | |
| Chloride EPA 300.0 | | | X | | | | | | | |
| Total Dissolved Solids SM 2540 C MOD | | | | X | | | | | | |
| Phosphorus SM 4500 | | | | | X | | | | | |
| Turn Around Time | | | | | | | | | | |
| Hold | | | | | | | | | | |

Project Name: Linda Armstrong 575-233-3620
 Daybreak Dairy
 Sampler Signature: [Signature]

Relinquished By: [Signature] Date: 8-12-13 Time: 15:15
 Received By: [Signature] Date: 8-12-13 Time: 15:15

Relinquished By: [Signature] Date: 8-12-13 Time: 15:15
 Received at Laboratory By: [Signature] Date: 8-12-13 Time: 15:15

Lab Use Only
 Intact (Y) / (N)
 Headspace (Y) / (N)
 Temp 18.1 / 37.3
 Log-in Review

19

Dry Weight Basis Required
 TRRP Report Required

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 126-04 Date Gauged 8-12-13
 Site Del Norte Time Gauged 9:59

Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 32.93 feet Height of Fluid Column 5.16 feet
 Total Depth 38.09 feet Volume in Well 3.4 gallons
 (3 Well Volumes = 10 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:04 8-12-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 10:08 | 3 | 3 | 22.1 | 3400 | 7.24 | 216 | 2570 |
| 10:10 | 1 | 4 | 21.8 | 3344 | 6.62 | 234 | 2507 |
| 10:13 | 1 | 5 | 21.6 | 3330 | 6.82 | 220 | 2518 |
| 10:15 | 1 | 6 | 21.8 | 3369 | 6.74 | 212 | 2522 |
| 10:18 | 1 | 7 | 22.0 | 3348 | 6.62 | 218 | 2512 |
| 10:21 | 1 | 8 | 21.9 | 3388 | 6.55 | 217 | 2535 |
| 10:24 | 1 | 9 | 21.7 | 3361 | 6.74 | 224 | 2520 |
| 10:26 | 1 | 10 | 22.3 | 3375 | 6.97 | 214 | 2563 |

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

Time/Date Sampled 10:27 8-12-13 Purged/Sampled By Amr nA

Sample Method Bailer

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 126-05 Date Gauged 8-12-13
 Site Del Norte Time Gauged 12:38

Depth to PSH 0 feet Well Diameter 2 inches
 Depth to Water 25.20 feet Height of Fluid Column 9.06 feet
 Total Depth 34.86 feet Volume in Well 1.64 gallons
 (3 Well Volumes = 5 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:41 8-12-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 12:44 | 1 | 1 | 23.8 | 1830 | 7.54 | 265 | 1311 |
| 12:48 | 1 | 2 | 23.6 | 4306 | 7.41 | 229 | 3280 |
| 12:51 | 1 | 3 | 23.0 | 4342 | 7.30 | 227 | 3314 |
| 12:55 | 1 | 4 | 21.6 | 4315 | 7.16 | 226 | 3331 |
| 12:58 | 1 | 5 | 21.4 | 4360 | 6.94 | 233 | 3320 |
| | | | | | | | |
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Actual Purge Volume 5 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 13:03 8-12-13 Purged/Sampled By Angel n Zava

Sample Method Bailer

Requested Analyses _____

Comments/Observations very 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 126-07 Date Gauged 8-12-13
 Site Del Norte Time Gauged 10:44
 Depth to PSH 0 feet Well Diameter 2 inches
 Depth to Water 32.40 feet Height of Fluid Column 6.44 feet
 Total Depth 38.84 feet Volume in Well 1.09 gallons
 (3 Well Volumes = 3.2 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:47 8-12-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | ^{TDS} DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|--------------------------|
| 10:51 | 1 | 1 | 22.6 | 3574 | 7.45 | 104 | 2697 |
| 10:53 | 1 | 2 | 22.1 | 3756 | 6.93 | 135 | 2851 |
| 10:57 | 1 | 3 | 22.3 | 3781 | 6.81 | 123 | 2876 |
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Actual Purge Volume 3 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 10:58 8-12-13 Purged/Sampled By Angel N. R.

Sample Method Bailer

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 126-09 Date Gauged 8-12-13
 Site Dal Norte Time Gauged 14:10
 Depth to PSH 0 feet Well Diameter 2 inches
 Depth to Water 76.05 feet Height of Fluid Column 6.04 feet
 Total Depth 82.09 feet Volume in Well ~~1.02~~ 1.02 gallons
 (3 Well Volumes = 3 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:15 8-12-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 14:20 | 1 | 1 | 26.1 | 4358 | 7.81 | 252 | 3286 |
| 14:26 | 1 | 2 | 24.5 | 4406 | 6.97 | 260 | 3351 |
| 14:38 | 1 | 3 | 23.8 | 4388 | 6.86 | 272 | 3398 |
| | | | | | | | |
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Actual Purge Volume 3 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 14:42 8-12-13 Purged/Sampled By Angel W. Roman

Sample Method Bailer

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 126-12 Date Gauged 8-12-13
 Site Del Norte Time Gauged 13:08
 Depth to PSH 6 feet Well Diameter 4 inches
 Depth to Water 21.43 feet Height of Fluid Column 8.53 feet
 Total Depth 29.96 feet Volume in Well 5.62 gallons
 (3 Well Volumes = 16.8 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:10 8-12-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 13:31 | 10 | 10 | 23.4 | 3511 | 7.97 | 178 | 2601 |
| 13:33 | 1 | 11 | 21.7 | 3462 | 7.68 | 207 | 2576 |
| 13:35 | 1 | 12 | 22.0 | 3426 | 7.41 | 200 | 2595 |
| 13:37 | 1 | 13 | 21.5 | 3453 | 7.10 | 214 | 2571 |
| 13:40 | 1 | 14 | 21.8 | 3477 | 7.00 | 227 | 2603 |
| 13:42 | 1 | 15 | 22.0 | 3412 | 6.95 | 211 | 2568 |
| 13:44 | 1 | 16 | 22.4 | 3436 | 7.12 | 223 | 2555 |
| 13:46 | 1 | 17 | 22.1 | 3404 | 7.26 | 226 | 2630 |

Actual Purge Volume 17 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 13:49 8-12-13 Purged/Sampled By Angel N. P.

Sample Method Bailer

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 126-13 Date Gauged 8-12-13
 Site Del Norte Time Gauged 9:18
 Depth to PSH 0 feet Well Diameter 2 inches
 Depth to Water 39.96 feet Height of Fluid Column 19.03 feet
 Total Depth 58.99 feet Volume in Well 3.2 gallons
 (3 Well Volumes = 9.7 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:25 8-12-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 9:31 | 3 | 3 | 22.8 | 4495 | 6.08 | 357 | 3471 |
| 9:32 | 1 | 4 | 22.4 | 4486 | 6.46 | 330 | 3460 |
| 9:34 | 1 | 5 | 22.5 | 4473 | 6.54 | 303 | 3451 |
| 9:36 | 1 | 6 | 22.3 | 4497 | 6.66 | 301 | 3467 |
| 9:39 | 1 | 7 | 22.1 | 4482 | 6.50 | 294 | 3443 |
| 9:43 | 1 | 8 | 22.2 | 4447 | 6.40 | 298 | 3456 |
| 9:46 | 1 | 9 | 22.7 | 4490 | 6.53 | 284 | 3460 |
| 9:51 | 1 | 10 | 22.6 | 4481 | 6.37 | 289 | 3475 |

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

Time/Date Sampled 9:53 8-12-13 Purged/Sampled By Amel N. R.

Sample Method Bailer

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 692-01 Date Gauged 9/4/13
 Site ACL Oro Time Gauged ~~9/4/13~~
 Depth to PSH NA feet Well Diameter 4" inches
 Depth to Water NA feet Height of Fluid Column NA feet
 Total Depth NA feet Volume in Well NA gallons
 (3 Well Volumes = NA gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged _____ Purged Method _____

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|----|----------|-----------|
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Actual Purge Volume _____ gals Field Measurements stabilized within ± 10% _____

Time/Date Sampled _____ Purged/Sampled By _____

Sample Method _____

Requested Analyses _____

Comments/Observations Could not find well. Cas pin was extended,
prop over area of well. Well was in use.

MONITOR WELL SAMPLING FIELD FORM

SITE NAME: _____

SITE ADDRESS: _____

FLUID LEVEL DATA

Well ID 692-02 Date Gauged 9/4/13

Site Del Oro Time Gauged 1:05

Depth to PSH 8 feet Well Diameter 4" inches

Depth to Water 57.57 feet Height of Fluid Column 8.72 feet

66.29

Total Depth ~~67.29~~ feet Volume in Well 5.75 gallons

(3 Well Volumes = 17.26 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1:15

Purged Method Pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1:20 | 5 | 5 | 25.0 | 4881 | 6.08 | 224 | 3796 |
| 1:26 | 5 | 10 | 23.8 | 4831 | 6.05 | 209 | 3727 |
| 1:31 | 5 | 15 | 23.7 | 4923 | 6.02 | 207 | 3816 |
| 1:33 | 2 | 17 | 23.6 | 5034 | 5.89 | 191 | 4077 |
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Actual Purge Volume 18 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 1:33 9/4/13 Purged/Sampled By JW

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 692-04 Date Gauged 9/4/13
 Site Del Co Time Gauged 1:45
 Depth to PSH NA feet Well Diameter 4" inches
 Depth to Water 59.7 feet Height of Fluid Column .9 feet
 Total Depth 60.6 feet Volume in Well 324 gallons
 (3 Well Volumes = .972 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged _____ Purged Method _____

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|----|----------|-----------|
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Actual Purge Volume _____ gals Field Measurements stabilized within ± 10% _____
 Time/Date Sampled _____ Purged/Sampled By _____
 Sample Method _____
 Requested Analyses _____
 Comments/Observations well was dry

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID ~~629~~ 692-05 Date Gauged 09/04/13
 Site Del Oro Time Gauged 9:17
 Depth to PSH 0 feet Well Diameter 4" inches
 Depth to Water NA feet Height of Fluid Column NA feet
 Total Depth NA feet Volume in Well NA gallons
 (3 Well Volumes = NA gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:17 Purged Method _____

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 9:20 | 1 | 1 | 24.2 | 3314 | 5.43 | 389 | 3660 |
| 10:24 | 1 | 2 | 23.2 | 2262 | 6.76 | 297 | 1640 |
| 10:32 | 1 | 3 | 23.6 | 2271 | 6.76 | 301 | 1651 |
| 10:33 | 1 | 4 | 23.4 | 2265 | 6.68 | 245 | 1650 |
| 10:35 | 1 | 5 | 23.3 | 2276 | 6.56 | 287 | 1656 |
| | | | | | | | |
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| | | | | | | | |

Actual Purge Volume 5 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 10:35 9/4/13 Purged/Sampled By JW

Sample Method Pump

Requested Analyses _____

Comments/Observations Probe wouldn't fit through hole, rubber too tight!!

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 SAMPLING FIELD FORM

SITE NAME: _____

SITE ADDRESS: _____

FLUID LEVEL DATA

Well ID 692-06 Date Gauged ~~10-53~~ 9/4/13

Site Del Oro Time Gauged 10:53

Depth to PSH 8 feet Well Diameter 4" inches

Depth to Water 82.35 feet Height of Fluid Column 7.75 feet

Total Depth 90.1 feet Volume in Well 5.115 gallons

(3 Well Volumes = 15.34 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged _____

Purged Method 11:00

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 11:03 | 5 | 222 5 | 25.5 | 2224 | 6.98 | 211 | 1623 |
| 11:04 | 5 | 10 | 24.3 | 2248 | 6.68 | 237 | 1632 |
| 11:07 | 1 | 11 | 24.0 | 2246 | 6.50 | 232 | 1639 |
| 11:08 | 1 | 12 | 23.7 | 2244 | 6.49 | 224 | 1633 |
| 11:09 | 1 | 13 | 23.6 | 2248 | 6.48 | 222 | 1630 |
| 11:10 | 1 | 14 | 23.4 | 2243 | 6.48 | 222 | 1630 |
| 11:11 | 1 | 15 | 23.4 | 2247 | 6.46 | 221 | 1628 |
| | | | | | | | |

Actual Purge Volume 16 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 11:11 9/4/13 Purged/Sampled By JIV

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 SAMPLING FIELD FORM

SITE NAME: _____

SITE ADDRESS: _____

FLUID LEVEL DATA

Well ID 692-07 Date Gauged 9/4/13

Site D4 000 Time Gauged ~~11:30~~ 11:25

Depth to PSH 8 feet Well Diameter 4" inches

Depth to Water 74.66 feet Height of Fluid Column NA feet

Total Depth NA feet Volume in Well NA gallons

(3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:31

Purged Method _____

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-------------------------|-------------|------|----------|-----------|
| 11:36 | 5 | 5 | 26.1 25.8 | 2600 | 6.85 | 264 | 1915 |
| 11:38 | 1 | 6 | 25.8 | 2588 | 6.74 | 266 | 1902 |
| 11:41 | 1 | 7 | 25.6 | 2581 | 6.71 | 261 | 1896 |
| 11:44 | 1 | 8 | 25.5 | 2578 | 6.70 | 260 | 1892 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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

Time/Date Sampled 11:44 9/4/13 Purged/Sampled By JW

Sample Method Pump

Requested Analyses _____

Comments/Observations Pump was slow to run 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 ga/ft

MONITOR WELL SAMPLING FIELD FORM

SITE NAME: _____

SITE ADDRESS: _____

FLUID LEVEL DATA

Well ID 692-08 Date Gauged 9/4/13

Site Del Oro Time Gauged 12:30

Depth to PSH Ø feet Well Diameter 4" inches

Depth to Water NA feet Height of Fluid Column NA feet

Total Depth Ø feet Volume in Well NA gallons

(3 Well Volumes = NA gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:41 Purged Method Pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|-----------------------|-----------|
| 12:43 | 1 | 1 | 23.7 | 2195 | 6.60 | 250 | 1598 |
| 12:45 | 1 | 2 | 23.5 | 2197 | 6.58 | 247 | 1591 |
| 12:47 | 1 | 3 | 23.4 | 2195 | 6.56 | 245 247 | 1593 |
| 12:50 | 1 | 4 | 23.2 | 2192 | 6.53 | 242 | 1589 |
| 12:52 | 1 | 5 | 23.2 | 2193 | 6.53 | 240 | 1591 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 5.5 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 12:52 9/4/13 Purged/Sampled By SNW

Sample Method Pump

Requested Analyses _____

Comments/Observations Probe waldn't fit through hole, rubber too tight!!

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 692-09 Date Gauged 9/4/13

Site Del Oro Time Gauged 2:15

Depth to PSH 0 feet Well Diameter ~~2.5~~ 4 inches

Depth to Water 83.61 feet Height of Fluid Column NA feet

Total Depth NA feet Volume in Well NA gallons

(3 Well Volumes = NA gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 2:20 Purged Method _____

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|----------------------|----------|-----------|
| 2:24 | 1 | 1 | 24.1 | 2280 | 6.41 6.41 | 211 | 1675 |
| 2:25 | 1 | 2 | 24.0 | 2310 | 6.90 | 209 | 1655 |
| 2:27 | 1 | 3 | 23.8 | 2305 | 6.40 | 208 | 1668 |
| 2:28 | 1 | 4 | 23.7 | 2498 | 6.39 6.39 | 211 | 1671 |
| 2:30 | 1 | 5 | 23.7 | 2310 | 6.39 | 209 | 1669 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 5.5 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 2:30 9/4/13 Purged/Sampled By [Signature]

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

TraceAnalysis, Inc.

Company Name: D&H Petroleum & Environmental Services
Address: (Street, City, Zip) 1221 Tower Trail Ln, El Paso TX 79907
Contact Person: Victor Ayala
Phone #: 915-859-8150
Cell #:
Fax #:
E-mail: vajala@dhpump.com
Jerry Settles 575/233-4331

Project Name: Jerry Settles 575-882-4331
Project #: 422537
Project Location (including state): Del Oro Dairy, 1025 East O'Hara, Anthony, NM
Sampler Signature: *JVA*

| LAB # (LAB USE ONLY) | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | SAMPLING | | | | | |
|-------------------------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|------|------|---------|-------|--|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME | | |
| 692-01 | | 1 | | X | | | | X | | | | X | | | | | |
| 692-01 | | 1 | | X | | | | X | | | | X | | | | | |
| 692-02 | | 1 | 150 ml | X | | | | X | | | | X | | | 9/14/13 | 1:05 | |
| 692-02 | | 1 | | X | | | | X | | | | X | | | | 1:05 | |
| 692-04 | | 1 | | X | | | | X | | | | X | | | | | |
| 692-04 | | 1 | | X | | | | X | | | | X | | | | | |
| 692-05 | | 1 | | X | | | | X | | | | X | | | | 10:35 | |
| 692-05 | | 1 | | X | | | | X | | | | X | | | | 10:35 | |
| 692-06 | | 1 | | X | | | | X | | | | X | | | | 11:11 | |
| 692-06 | | 1 | | X | | | | X | | | | X | | | | 11:11 | |
| 692-07 | | 1 | | X | | | | X | | | | X | | | | 11:44 | |
| 692-07 | | 1 | | X | | | | X | | | | X | | | | 11:44 | |
| 692-08 | | 1 | | X | | | | X | | | | X | | | | 12:52 | |
| 692-08 | | 1 | | X | | | | X | | | | X | | | | 12:52 | |
| 692-09 | | 1 | | X | | | | X | | | | X | | | | 2:50 | |
| 692-09 | | 1 | | X | | | | X | | | | X | | | | 2:30 | |

ANALYSIS REQUEST

| | |
|--------------------------------------------------|---|
| MTBE 8021B/602 | |
| BTEX 8021B/602 | |
| TPH 418.1 / TX1005 | |
| TX 1005 Extended (C35) | |
| PAH 8270C | |
| PAH 8270 (Low Level Analysis) | |
| Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 | X |
| Nitrate as Nitrogen EPA 300.0 | X |
| Chloride EPA Method 300.0 | X |
| Sulfate EPA Method 300.0 | X |
| Total Dissolved Solids SM 2540 C MOD | X |
| Total Kjeldahl Nitrogen SM 4500 NORG C | X |
| Phosphorus SM 4500 | X |
| Turn Around Time | |
| Hold | |

Remarks: *ICE*

Lab Use Only
 Intact / N
 Headspace / N
 Temp *12.2* / *2/2*
 Log-in Review _____

Relinquished By: *JVA* Date: *5-30 15:24* 09/04/13 Time: *QW*
 Received at Laboratory By: *Denny de Hara* Date: *9-4-13* Time: *15:25*
 Relinquished By: _____ Date: _____ Time: _____

Dry Weight Basis Required
 TRRP Report Required

(12)

6701 Aberdeen, Ste. 9
 Lubbock, TX 79424
 Tel (806) 794-1296
 Fax (806) 794-1298

155 McCutcheon, Ste. H El Paso, TX 79932
 Tel (915) 585-3443
 Fax (915) 585-4944

TraceAnalysis, Inc.
 Company Name: _____ Phone #: 915-859-8150
 D&H Petroleum & Environmental Services
 Address: (Street, City, Zip) _____ Cell #: _____
 1221 Tower Trail Ln, El Paso TX 79907
 E-mail: vajala@dhpump.com

Contact Person: Victor Ayala
 Invoice to (if different from above): Isaac Dominguez 575-649-7040
 Dominguez Dairy #1, PO Box 21, Mesquite, NM 88048
 Project #: 422539
 Project Name: Dominguez Dairy #1
 Sampler Signature: *Clayton*

Project Location (including state): Dominguez Dairy #1, 13950 Stern Dr., Mesquite, NM

| LAB # (LAB USE ONLY) | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | Sampling | | |
|-------------------------|------------|--------------|------------------|--------------|------|-----|--------|---------------------|------------------|--------------------------------|------|--------------|---------|-------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE |
| 624-01 | | 1 | 250ml | X | | | | X | | | | X | 8-14-13 | 12:23 |
| 624-01 | | 1 | 250ml | X | | | | X | | | | X | 8-14-13 | 12:25 |
| 624-02 | | 1 | 250ml | X | | | | X | | | | X | 8-14-13 | 10:56 |
| 624-02 | | 1 | 250ml | X | | | | X | | | | X | 8-14-13 | 10:56 |
| 624-04 | | 1 | 250ml | X | | | | X | | | | X | | |
| 624-04 | | 1 | | X | | | | X | | | | X | | |
| 624-05 | | 1 | | X | | | | X | | | | X | | |
| 624-05 | | 1 | | X | | | | X | | | | X | | |
| 624-06 | | 1 | | X | | | | X | | | | X | | |
| 624-06 | | 1 | | X | | | | X | | | | X | | |
| 624-07 | | 1 | | X | | | | X | | | | X | | |
| 624-07 | | 1 | | X | | | | X | | | | X | | |
| 624-08 | | 1 | | X | | | | X | | | | X | | |
| 624-08 | | 1 | 250ml | X | | | | X | | | | X | 8-14-13 | 14:01 |
| 624 Lagoon | | 1 | 250ml | X | | | | X | | | | X | 8-14-13 | 14:01 |

ANALYSIS REQUEST

| | |
|--------------------------------------------------|---|
| TX 1005 Extended (C35) | |
| TPH 418.1 / TX1005 | |
| BTEX 8021B/602 | |
| MTBE 8021B/602 | |
| PAH 8270C | |
| PAH 8270 (Low Level Analysis) | |
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | |
| Nitrates EPA 300 | X |
| TKN SM 4500 NORG C | X |
| Chloride EPA 300 | X |
| Total Dissolved Solids SM 2540 C MOD | X |

Turn Around Time _____

Relinquished By: *Clayton* Date: 8-14-13 Time: 14:20
 Received By: *Denny dH* Date: 8-14-13 Time: 14:20
 Relinquished By: _____ Date: _____ Time: _____
 Received at Laboratory By: _____ Date: _____ Time: _____

Lab Use Only
 Intact Y N
 Headspace Y N
 Temp *12-1 4/17*
 Log-in Review _____

Remarks: *ICE*
NO₃, Cl, TDS & EP.
TKN & Urea

Dry Weight Basis Required
 TRRP Report Required

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 624-01 Date Gauged 8-14-13
 Site Odyssey 1 Time Gauged 11:17
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 25.93 feet Height of Fluid Column 19.91 feet
 Total Depth 45.44 feet Volume in Well 13.1 gallons
 (3 Well Volumes = 39.4 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:20 8-14-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|------------|
| 11:58 | 32 | 32 | 21.7 | 4823 | 8.07 | 182 | 3777 |
| 12:02 | 1 | 33 | 21.6 | 4737 | 8.00 | 195 | 3605 |
| 12:04 | 1 | 34 | 22.0 | 4648 | 7.70 | 197 | 3595 |
| 12:08 | 1 | 35 | 21.9 | 4713 | 7.59 | 198 | 3618 |
| 12:10 | 1 | 36 | 21.6 | 4620 | 7.47 | 199 | 3557 |
| 12:14 | 1 | 37 | 21.5 | 4607 | 7.28 | 207 | 3589 |
| 12:16 | 1 | 38 | 22.1 | 4681 | 7.24 | 217 | 3599 |
| 12:20 | 1 | 39 | 22.3 | 4732 | 7.21 | 208 | 3667 |

Actual Purge Volume 39 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 12:23 8-14-13 Purged/Sampled By Amel nkr

Sample Method Bailer

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 1024-02 Date Gauged 8-14-13
 Site Dominquez 1 Time Gauged 9:51
 Depth to PSH 6 feet Well Diameter 4 inches
 Depth to Water 18.80 feet Height of Fluid Column 13.21 feet
 Total Depth 32.01 feet Volume in Well 8.7 gallons
 (3 Well Volumes = 26.1 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:53 8-14-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS (mg/L) DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-------------------------|
| 10:32 | 19 | 19 | 22.2 | 5278 | 5.76 | 343 | 4130 |
| 10:34 | 1 | 20 | 22.1 | 5417 | 5.85 | 353 | 4238 |
| 10:36 | 1 | 21 | 20.6 | 5150 | 6.85 | 301 | 4024 |
| 10:38 | 1 | 22 | 20.8 | 5176 | 6.97 | 278 | 4017 |
| 10:41 | 1 | 23 | 20.9 | 5129 | 6.83 | 279 | 4031 |
| 10:44 | 1 | 24 | 21.3 | 5209 | 6.96 | 277 | 4036 |
| 10:48 | 1 | 25 | 21.6 | 5194 | 6.61 | 280 | 4113 |
| 10:52 | 1 | 26 | 21.5 | 5209 | 6.47 | 274 | 4640 |

Actual Purge Volume 26 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 10:56 8-14-13 Purged/Sampled By Angel N. Rivera

Sample Method Bailer

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 624-04 Date Gauged 8-14-13
 Site Dominquez 1 Time Gauged 12:56
 Depth to PSH ∅ feet Well Diameter 4 inches
 Depth to Water Dry feet Height of Fluid Column ∅ feet
 Total Depth 16.36 feet Volume in Well ∅ gallons
 (3 Well Volumes = ∅ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged ∅ Purged Method ∅

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|----|----------|-----------|
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Actual Purge Volume ∅ gals Field Measurements stabilized within ± 10% ∅
 Time/Date Sampled ∅ Purged/Sampled By Angel N. Rivera
 Sample Method ∅
 Requested Analyses _____
 Comments/Observations No sample or purge, Dry well.

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 824-05 Date Gauged 8-14-13
 Site Dominquez 1 Time Gauged 12:40
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water Dry feet Height of Fluid Column _____ feet
 Total Depth 17.23 feet Volume in Well _____ gallons
 (3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 0 Purged Method 0

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|----|----------|-----------|
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Actual Purge Volume 0 gals Field Measurements stabilized within ± 10% 0
 Time/Date Sampled 0 Purged/Sampled By Angel n Pu
 Sample Method 0
 Requested Analyses _____
 Comments/Observations No sample or purge. 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 624-06 Date Gauged 8-14-13
 Site Dominquez 1 Time Gauged 9:31
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water Dry feet Height of Fluid Column 0 feet
 Total Depth 52.16 feet Volume in Well 0 gallons
 (3 Well Volumes = 0 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 0 Purged Method 0

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|----|----------|-----------|
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Actual Purge Volume 0 gals Field Measurements stabilized within ± 10% 0
 Time/Date Sampled 0 Purged/Sampled By Angel WRM
 Sample Method 0
 Requested Analyses _____
 Comments/Observations No sample or purge, 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 624-07 Date Gauged 8-14-13
 Site Dominquez 1 Time Gauged 13:22
 Depth to PSH 6 feet Well Diameter 4 inches
 Depth to Water Dry feet Height of Fluid Column 0 feet
 Total Depth 55.50 feet Volume in Well 0 gallons
 (3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 0 8-14-13 Purged Method 0

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|----|----------|-----------|
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Actual Purge Volume 0 gals Field Measurements stabilized within ± 10% 0
 Time/Date Sampled 0 0 Purged/Sampled By Amel A. Pina
 Sample Method _____
 Requested Analyses 0 _____
 Comments/Observations NO sample or purge, 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 624-08 Date Gauged 8-14-13
 Site Dominquez I Time Gauged 12:31

Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water Dry feet Height of Fluid Column _____ feet
 Total Depth 0.32 feet Volume in Well _____ gallons

(3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 8-14-13 Purged Method 0

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|----|----------|-----------|
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Actual Purge Volume 0 gals Field Measurements stabilized within ± 10% 0
 Time/Date Sampled 8-14-13 Purged/Sampled By April White
 Sample Method 0
 Requested Analyses _____
 Comments/Observations No sample or purge. 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

TraceAnalysis, Inc.

Company Name: Phone #: 915-859-8150
 Cell #:

D&H Petroleum & Environmental Services
 Address: (Street, City, Zip)
 1221 Tower Trail Ln., El Paso, Texas 79907
 Contact Person: E-mail: vayala@dhpump.com
 Victor Ayala

Invoice to (if different from above):
 Dominguez Dairy #2, P.O. Box 21, Mesquite, NM 88048
 Isaac Dominguez 575-649-7040

Project #: 422541
 Project Name: Dominguez Dairy #2
 Dominguez Dairy #2

Project Location (including state):
 Dominguez Dairy #2, 13600 Stern Drive, Mesquite, NM
 Sampler Signature: *Cheryl N. Rivera*

| LAB # | (LAB USE ONLY) | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | SAMPLING | | | | |
|-----------|----------------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|------|------|---------|-------|
| | | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME | |
| 42-19 | | | 1 | 250 ml | X | | | | X | X | X | X | | | | 8-15-13 | 11:11 |
| 42-19 | | | 1 | 250 ml | X | | | | X | X | X | X | | | | 8-15-13 | 11:11 |
| 42-13 | | | 1 | 250 ml | X | | | | X | X | X | X | | | | 8-15-13 | 10:07 |
| 42-13 | | | 1 | 250 ml | X | | | | X | X | X | X | | | | 8-15-13 | 10:07 |
| 42 Lagoon | | | 1 | 250 ml | X | | | | X | X | X | X | | | | 8-15-13 | 10:41 |
| 42 Lagoon | | | 1 | 250 ml | X | | | | X | X | X | X | | | | 8-15-13 | 10:41 |
| 42-03 | | | 1 | 250 ml | X | | | | X | X | X | X | | | | 8-15-13 | 9:27 |
| 42-03 | | | 1 | 250 ml | X | | | | X | X | X | X | | | | 8-15-13 | 9:27 |

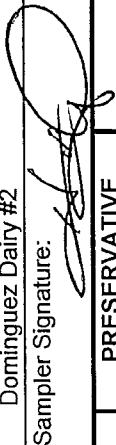
Relinquished By: *Cheryl N. Rivera* Date: 8-15-13 Time: 14:31
 Received By: *[Signature]* Date: 8-15-13 Time: 14:31
 Relinquished By: Date: Time:

Page 1 of 1
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
 LAB Order ID # _____

| ANALYSIS REQUEST | MTBE 8021B/602 | BTEX 8021B/602 | TPH 418.1 / TX1005 | TX 1005 Extended (C35) | PAH 8270C | PAH 8270 (Low Level Analysis) | Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 | Nitrates EPA 300 | Total Kjeldhal Nitrogen SM 4500 NORG C | Chloride EPA 300.0 | Total Dissolved Solids SM 2540 C MOD |
|------------------|----------------|----------------|--------------------|------------------------|-----------|-------------------------------|--------------------------------------------------|------------------|----------------------------------------|--------------------|--------------------------------------|
| | | | | | | | X | X | X | X | X |
| | | | | | | | X | X | X | X | X |
| | | | | | | | X | X | X | X | X |
| | | | | | | | X | X | X | X | X |

Remarks: *TPD, NO₂, Cl w/ESP*
 Dry Weight Basis Required
 TRRP Report Required

Company Name: D&H Petroleum & Environmental Services
Address: (Street, City, Zip) 1221 Tower Trail Ln., El Paso, Texas 79907
Contact Person: Victor Ayala
Phone #: 915-859-8150
Cell #:
Fax #:
E-mail: vayala@dhpump.com

Project #: 422541
Project Name: Dominguez Dairy #2
Sampler Signature: 

Project Location (including state): Dominguez Dairy #2, 13600 Stern Drive, Mesquite, NM

| LAB # (LAB USE ONLY) | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | Sampling | | Turn Around Time | |
|-------------------------|------------|--------------|---------------|--------|-----|--------|-----|---------------------|--------------------------------|------|-----|----------|---------|------------------|------|
| | | | | WATER | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICF | NONE | DATE | | TIME |
| 42-2 | | 1 | 250ml | X | | | | X | X | X | | | 8-20-13 | 1255 | |
| 42-2 | | 1 | | X | | | | X | X | X | | | 8-20-13 | 1255 | |
| 42-3 | | 1 | | X | | | | X | X | X | | | | | |
| 42-3 | | 1 | | X | | | | X | X | X | | | 8-20-13 | 1135 | |
| 42-6 | | 1 | | X | | | | X | X | X | | | 8-20-13 | 1135 | |
| 42-6 | | 1 | | X | | | | X | X | X | | | | | |
| 42-7 | | 1 | | X | | | | X | X | X | | | | | |
| 42-7 | | 1 | | X | | | | X | X | X | | | | | |
| 42-8 | | 1 | | X | | | | X | X | X | | | 8-20-13 | 1333 | |
| 42-8 | | 1 | | X | | | | X | X | X | | | 8-20-13 | 1333 | |
| 42-9 | | 1 | | X | | | | X | X | X | | | | | |
| 42-9 | | 1 | | X | | | | X | X | X | | | | | |
| 42-10 | | 1 | | X | | | | X | X | X | | | 8-20-13 | 1532 | |
| 42-10 | | 1 | | X | | | | X | X | X | | | 8-20-13 | 1532 | |
| 42-11 | | 1 | | X | | | | X | X | X | | | 8-20-13 | 1430 | |
| 42-11 | | 1 | | X | | | | X | X | X | | | 8-20-13 | 1430 | |

ANALYSIS REQUEST

PAH 8270 (Low Level Analysis) PAH 8270C

TX 1005 Extended (C35) TPH 418.1 / TX1005

MTBE 8021B/602 BTEX 8021B/602

Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7

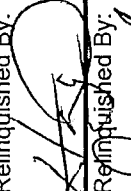
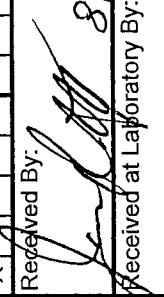

Nitrates EPA 300

Total Kjeldahl Nitrogen SM 4500 NORG C

Chloride EPA 300.0

Total Dissolved Solids SM 2540 C MOD

Hold

Reinquired By:  Date: 8/29/13 Time: 1613
 Received at Laboratory By:  Date: 8/20/13 Time: 1430
 Reinquished By:  Date: 8/21/13 Time: 1630

Lab Use Only
 Intact / N
 Headspace / N
 Temp / C
 Log-in Review

Remarks: TDS, Cl, NO₃, etc.

TraceAnalysis, Inc.

Company Name: **D&H Petroleum & Environmental Services**
 Address: (Street, City, Zip)
 1221 Tower Trail Ln., El Paso, Texas 79907
 Contact Person: **Victor Ayala**
 Phone #: 915-859-8150
 Cell #:
 Fax #:
 E-mail: **vayala@dhpump.com**

Project #: **422541**
 Project Name: **Dominguez Dairy #2**
 Sampler Signature:
 Project Location (including state): **Dominguez Dairy #2, 13600 Stern Drive, Mesquite, NM**
 Invoice to (if different from above): **Isaac Dominguez 575-649-7040**
 Dominguez Dairy #2, P.O. Box 21, Mesquite, NM 88048

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | Sampling | | Turn Around Time | |
|-----------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|---------|------------------|------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | | DATE |
| 42-12 | | 1 | | X | | | | X | | X | | | 8-20-13 | 1457 | |
| 42-12 | | 1 | | X | | | | X | | X | | | 8-20-13 | 1457 | |
| 42-43 | | 1 | | X | | | | X | | X | | | | | |
| 42-43 | | 1 | | X | | | | X | | X | | | | | |
| 42-Lagoon | | 1 | | X | | | | X | | X | | | | | |
| 42-Lagoon | | 1 | | X | | | | X | | X | | | | | |

| LAB Order ID # | ANALYSIS REQUEST | Lab Use Only | Remarks: |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| | MTBE 8021B/602 BTEX 8021B/602 TPH 418.1 / TX1005 TX 1005 Extended (C35) PAH 8270C PAH 8270 (Low Level Analysis) Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 Nitrates EPA 300 Total Kjeldahl Nitrogen SM 4500 NORG C Chloride EPA 300.0 Total Dissolved Solids SM 2540 C MOD | Intact <input checked="" type="checkbox"/> N Headspace Y / N Temp of C. Lee Log-in Review | TDS, Cl, NO ₃ in 50 8/21/13 Dry Weight Basis Required TRRP Report Required |

Relinquished By: *[Signature]* Date: 8/20/13 Time: 1613
 Received at Laboratory By: *[Signature]* Date: 8/20/13 Time: 1613
 Relinquished By: *[Signature]* Date: 8/21/13 Time: 630
 Received at Laboratory By: *[Signature]* Date: 8/21/13 Time: 630

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 42-02 Date Gauged 8/20/13
 Site Dominquez 2 Time Gauged 12:38
 Depth to PSH 8 feet Well Diameter 4 inches
 Depth to Water 25.36 feet Height of Fluid Column _____ feet
 Total Depth pump feet Volume in Well _____ gallons
 (3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 8-20-13/ Purged Method well pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 12:47 | 5 | 5 | 26.2 | 3395 | 7.64 | 138 | 2540 |
| 12:49 | 5 | 10 | 23.4 | 3410 | 7.25 | 150 | 2539 |
| 12:51 | 5 | 15 | 23.6 | 3379 | 7.12 | 160 | 2536 |
| 12:52 | 5 | 20 | 22.2 | 3373 | 7.09 | 164 | 2532 |
| 12:53 | 5 | 25 | 23.9 | 3374 | 6.95 | 185 | 2530 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 30 gals Field Measurements stabilized within ± 10%
 Time/Date Sampled 12:55/8/20/13 Purged/Sampled By [Signature]
 Sample Method Well pump
 Requested Analyses _____
 Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 42-03 Date Gauged 8-15-13
 Site Dominquez 2 Time Gauged 8:48
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 82.45 feet Height of Fluid Column 0 feet
 Total Depth Pump feet Volume in Well 0 gallons
 (3 Well Volumes = 25 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 8:51 8-15-13 Purged Method Well Pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 9:08 | 5 | 5 | 25.5 | 5977 | 7.89 | 196 | 4713 |
| 9:12 | 5 | 10 | 25.9 | 5617 | 7.31 | 174 | 4407 |
| 9:18 | 5 | 15 | 26.2 | 5572 | 6.97 | 166 | 4368 |
| 9:21 | 5 | 20 | 26.1 | 5557 | 6.81 | 164 | 4350 |
| 9:25 | 5 | 25 | 26.4 | 5568 | 6.64 | 155 | 4361 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 9:27 8-15-13 Purged/Sampled By Amal

Sample Method well 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: 42-06 Date Gauged: 8/20/13
 Site: Dominquez #2 Time Gauged: 11:15
 Depth to PSH: 0 feet Well Diameter: 4 inches
 Depth to Water: 31.80 feet Height of Fluid Column: _____ feet
 Total Depth: pump feet Volume in Well: _____ gallons
 (3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged: _____ Purged Method: Well pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|------------|
| 11:24 | 5 | 5 | 24.2 | 3853 | 8.30 | 44 | 2912 |
| 11:26 | 5 | 10 | 24.0 | 3804 | 7.63 | 68 | 2873 |
| 11:28 | 5 | 15 | 23.1 | 3717 | 7.47 | 64 | 2805 |
| 11:30 | 5 | 20 | 22.4 | 3692 | 7.36 | 76 | 2798 |
| 11:33 | 5 | 25 | 23.0 | 3694 | 7.20 | 83 | 2796 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 11:35/8-20-13 Purged/Sampled By [Signature]

Sample Method Well 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 42-07 Date Gauged 8-15-13
 Site Dominquez Time Gauged 13:21
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water Dry feet Height of Fluid Column 0 feet
 Total Depth Pump feet Volume in Well 0 gallons
 (3 Well Volumes = 0 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 0 Purged Method 0

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

Actual Purge Volume 0 gals Field Measurements stabilized within ± 10% 0
 Time/Date Sampled 0 Purged/Sampled By Angel N. Rivera
 Sample Method 0
 Requested Analyses _____
 Comments/Observations No sample or purge. Dry well.
Only relogged.

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 42-08 Date Gauged 8/20/13

Site Dominguez 2 Time Gauged 13:12

Depth to PSH 0 feet Well Diameter 2 inches

Depth to Water 27.50 feet Height of Fluid Column _____ feet

Total Depth pump feet Volume in Well _____ gallons

(3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1313/8-20-13

Purged Method Well pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 1314 | 5 | 5 | 28.3 | 2624 | 7.62 | 172 | 1936 |
| 1316 | 5 | 10 | 25.0 | 2822 | 7.45 | 185 | 2104 |
| 1319 | 5 | 15 | 24.4 | 3014 | 7.25 | 206 | 2233 |
| 1325 | 5 | 20 | 26.2 | 3097 | 7.22 | 203 | 2299 |
| 1331 | 5 | 25 | 26.2 | 3089 | 7.31 | 222 | 2304 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 8/20/13 - 1333 Purged/Sampled By [Signature]

Sample Method Well 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 42-09 Date Gauged 8-15-13
 Site Dominquez 2 Time Gauged 10:45
 Depth to PSH 9 feet Well Diameter 4 inches
 Depth to Water 47.87 feet Height of Fluid Column 9 feet
 Total Depth Pump feet Volume in Well 8 gallons
 (3 Well Volumes = 25 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:47 8-15-13 Purged Method well pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|------------|
| 10:55 | 5 | 5 | 23.4 | 5285 | 7.26 | 44 | 4126 |
| 10:59 | 5 | 10 | 24.1 | 4917 | 7.13 | 58 | 3806 |
| 11:02 | 5 | 15 | 23.6 | 4779 | 6.87 | 61 | 3695 |
| 11:06 | 5 | 20 | 24.0 | 4698 | 6.92 | 70 | 3622 |
| 11:09 | 5 | 25 | 24.7 | 4669 | 6.73 | 71 | 3603 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 11:11 8-15-13 Purged/Sampled By Angel R. R.

Sample Method well 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 42-10 Date Gauged 8-20-13
 Site Dominguez #2 Time Gauged 1522
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 114.75 feet Height of Fluid Column _____ feet
 Total Depth pump feet Volume in Well _____ gallons
 (3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1524/8-20-13 Purged Method Well pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1525 | 5 | 5 | 30.0 | 2274 | 6.62 | -109 | 1658 |
| 1526 | 5 | 10 | 28.5 | 2312 | 6.53 | 18 | 1682 |
| 1527 | 5 | 15 | 28.2 | 2300 | 6.46 | 56 | 1673 |
| 1529 | 5 | 20 | 28.2 | 2295 | 6.38 | 79 | 1671 |
| 1532 | 5 | 25 | 28.4 | 2295 | 6.51 | 92 | 1668 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10%
 Time/Date Sampled 1532 Purged/Sampled By [Signature]
 Sample Method well 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 42-11 Date Gauged 8-20-13
 Site Dominquez #2 Time Gauged 1409
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 124.95 feet Height of Fluid Column _____ feet
 Total Depth pump feet Volume in Well _____ gallons
 (3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1412 / 8-20-13 Purged Method Well pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 1414 | 5 | 5 | 30.1 | 2001 | 7.30 | -9 | 1437 |
| 1417 | 5 | 10 | 29.7 | 1922 | 7.04 | 109 | 1377 |
| 1422 | 5 | 15 | 30.2 | 2003 | 6.90 | 102 | 1438 |
| 1426 | 5 | 20 | 30.6 | 2033 | 5.91 | 76 | 1459 |
| 1431 | 5 | 25 | 30.4 | 2025 | 6.40 | 77 | 1457 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10%
 Time/Date Sampled 1430 / 8-20-13 Purged/Sampled By [Signature]
 Sample Method Well pump
 Requested Analyses _____
 Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 42-12 Date Gauged 8-20-13
 Site Dominquez #2 Time Gauged 1440
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 131.25 feet Height of Fluid Column _____ feet
 Total Depth pump feet Volume in Well _____ gallons
 (3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged ~~1446~~ 1446 / 8-20-13 Purged Method well pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1448 | 5 | 5 | 30.1 | 2000 | 7.01 | 163 | 1439 |
| 1450 | 5 | 10 | 29.9 | 1962 | 6.80 | 165 | 1403 |
| 1451 | 5 | 15 | 29.7 | 1954 | 6.69 | 161 | 1404 |
| 1453 | 5 | 20 | 29.8 | 1957 | 6.69 | 153 | 1403 |
| 1457 | 5 | 25 | 31.1 | 1953 | 6.74 | 160 | 1386 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 1457 / 8-20-13 Purged/Sampled By [Signature]

Sample Method Well pump

Requested Analyses _____

Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 42-13 Date Gauged 8-15-13
 Site Dominquez 2 Time Gauged 9:36
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 56.05 feet Height of Fluid Column 0 feet
 Total Depth Pump feet Volume in Well 0 gallons
 (3 Well Volumes = 25 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:39 8-15-13 Purged Method well pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|------------|
| 9:45 | 5 | 5 | 23.1 | 5227 | 7.47 | 9 | 4083 |
| 9:49 | 5 | 10 | 24.9 | 5145 | 7.45 | 22 | 3997 |
| 9:53 | 5 | 15 | 24.3 | 5156 | 7.26 | 87 | 4009 |
| 9:58 | 5 | 20 | 27.9 | 5178 | 7.20 | 109 | 4020 |
| 10:03 | 5 | 25 | 26.8 | 5116 | 7.14 | 62 | 3962 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 10:07 8-15-13 Purged/Sampled By Amel W.R.

Sample Method well 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

TraceAnalysis, Inc.

Company Name: D&H Petroleum & Environmental Services Phone #: 915-859-8150 Cell #: _____

Address: 1221 Tower Trail Ln., El Paso, Texas 79907 Fax #: _____ E-mail: vayala@dhpump.com

Contact Person: Victor Ayala
 Invoice to (if different from above): Isaac Dominguez 575-649-7040
 Dominguez Dairy #2, P.O. Box 21, Mesquite, NM 88048

Project #: 422541
 Project Name: Dominguez Dairy #2
 Sampler Signature: Cheryl N Rivera

Project Location (including state): Dominguez Dairy #2, 13600 Stern Drive, Mesquite, NM

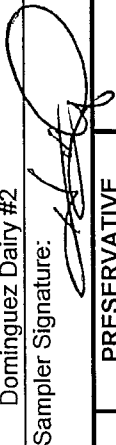
| LAB # (LAB USE ONLY) | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | Sampling | | Turn Around Time | Hold | | |
|-------------------------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|------|------------------|------|------|------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | | | DATE | TIME |
| 42-19 | | 1 | 250ml | X | | | | X | | | | X | | | | | |
| 42-19 | | 1 | 250ml | X | | | | X | | | | X | | | | | |
| 42-13 | | 1 | 250ml | X | | | | X | | | | X | | | | | |
| 42-13 | | 1 | 250ml | X | | | | X | | | | X | | | | | |
| 42 Lagoon | | 1 | 250ml | X | | | | X | | | | X | | | | | |
| 42 Lagoon | | 1 | 250ml | X | | | | X | | | | X | | | | | |
| 42-03 | | 1 | 250ml | X | | | | X | | | | X | | | | | |
| 42-03 | | 1 | 250ml | X | | | | X | | | | X | | | | | |

ANALYSIS REQUEST

| | |
|--------------------------------------------------|--|
| MTBE 8021B/602 | |
| BTEX 8021B/602 | |
| TPH 418.1 / TX1005 | |
| TX 1005 Extended (C35) | |
| PAH 8270C | |
| PAH 8270 (Low Level Analysis) | |
| Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 | |
| Nitrates EPA 300 | |
| Total Kjeldhal Nitrogen SM 4500 NORG C | |
| Chloride EPA 300.0 | |
| Total Dissolved Solids SM 2540 C MOD | |

Relinquished By: Cheryl N Rivera Date: 8-15-13 Time: 14:21
 Relinquished By: [Signature] Date: 8-15-13 Time: 14:31
 Received By: [Signature] Date: 8-15-13 Time: 14:31
 Lab Use Only: Intact (Y/N) Headspace (Y/N) Temp 3/2 °C
 Remarks: TPS, NO₃, Cl w:ESP
By: [Signature]
 Dry Weight Basis Required
 TRRP Report Required

Company Name: D&H Petroleum & Environmental Services
Address: (Street, City, Zip) 1221 Tower Trail Ln., El Paso, Texas 79907
Contact Person: Victor Ayala
Phone #: 915-859-8150
Cell #:
Fax #:
E-mail: vayala@dhpump.com

Project #: 422541
Project Name: Dominguez Dairy #2
Sampler Signature: 

Project Location (including state): Dominguez Dairy #2, 13600 Stern Drive, Mesquite, NM

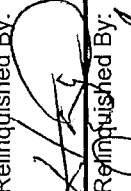
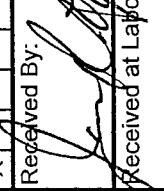


| LAB # (LAB USE ONLY) | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | Sampling | | |
|-------------------------|------------|--------------|---------------|--------|-----|--------|-----|---------------------|--------------------------------|------|-----|----------|---------|------|
| | | | | WATER | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICF | NONE | DATE | TIME |
| 42-2 | | 1 | 250ml | X | | | | X | X | X | | | 8-20-13 | 1255 |
| 42-2 | | 1 | | X | | | | X | X | X | | | 8-20-13 | 1255 |
| 42-3 | | 1 | | X | | | | X | X | X | | | | |
| 42-3 | | 1 | | X | | | | X | X | X | | | 8-20-13 | 1135 |
| 42-6 | | 1 | | X | | | | X | X | X | | | 8-20-13 | 1135 |
| 42-6 | | 1 | | X | | | | X | X | X | | | | |
| 42-7 | | 1 | | X | | | | X | X | X | | | | |
| 42-7 | | 1 | | X | | | | X | X | X | | | | |
| 42-8 | | 1 | | X | | | | X | X | X | | | 8-20-13 | 1333 |
| 42-8 | | 1 | | X | | | | X | X | X | | | 8-20-13 | 1333 |
| 42-9 | | 1 | | X | | | | X | X | X | | | | |
| 42-9 | | 1 | | X | | | | X | X | X | | | 8-20-13 | 1532 |
| 42-10 | | 1 | | X | | | | X | X | X | | | 8-20-13 | 1532 |
| 42-10 | | 1 | | X | | | | X | X | X | | | 8-20-13 | 1430 |
| 42-11 | | 1 | | X | | | | X | X | X | | | 8-20-13 | 1430 |
| 42-11 | | 1 | | X | | | | X | X | X | | | | |

ANALYSIS REQUEST

MTBE 8021B/602
 BTEX 8021B/602
 TPH 418.1 / TX1005
 TX 1005 Extended (C35)
 PAH 8270C
 PAH 8270 (Low Level Analysis)
 Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7
 Nitrates EPA 300
 Total Kjeldahl Nitrogen SM 4500 NORG C
 Chloride EPA 300.0
 Total Dissolved Solids SM 2540 C MOD

Turn Around Time

Hold

Reinquired By:  Date: 8/29/13 Time: 1613
 Received By:  Date: 8/20/13 Time: 1430
 Reinquished By:  Date: 8/21/13 Time: 1630
 Received at Laboratory By:  Date: 8/20/13 Time: 1430

Lab Use Only
 Intact / Intact
 Headspace / N
 Temp / C
 Log-in Review

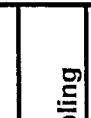
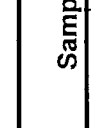
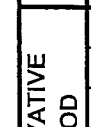

Remarks: TDS, Cl, CO₂, etc.

TraceAnalysis, Inc.
 Company Name: Phone #: 915-859-8150
 D&H Petroleum & Environmental Services Cell #:
 Address: (Street, City, Zip) Fax #:
 1221 Tower Trail Ln., El Paso, Texas 79907 E-mail: vayala@dhpump.com
 Contact Person: Victor Ayala
 Invoice to (if different from above): Isaac Dominguez 575-649-7040
 Dominguez Dairy #2, P.O. Box 21, Mesquite, NM 88048
 Project #: 422541 Project Name: Dominguez Dairy #2
 Sampler Signature: _____

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | Sampling | | Turn Around Time | |
|-----------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|---------|------------------|------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | | DATE |
| 42-12 | | 1 | | X | | | | X | | X | | | 8-20-13 | 1457 | |
| 42-12 | | 1 | | X | | | | X | | X | | | 8-20-13 | 1457 | |
| 42-43 | | 1 | | X | | | | X | | X | | | | | |
| 42-43 | | 1 | | X | | | | X | | X | | | | | |
| 42-Lagoon | | 1 | | X | | | | X | | X | | | | | |
| 42-Lagoon | | 1 | | X | | | | X | | X | | | | | |

Project Location (including state): Dominguez Dairy #2, 13600 Stern Drive, Mesquite, NM

| ANALYSIS REQUEST | MTBE 8021B/602 | BTEX 8021B/602 | TPH 418.1 / TX1005 | TX 1005 Extended (C35) | PAH 8270C | PAH 8270 (Low Level Analysis) | Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | Nitrates EPA 300 | Total Kjeldahl Nitrogen SM 4500 NORG C | Chloride EPA 300.0 | Total Dissolved Solids SM 2540 C MOD |
|------------------|----------------|----------------|--------------------|------------------------|-----------|-------------------------------|--------------------------------------------------|------------------|----------------------------------------|--------------------|--------------------------------------|
| | | | | | | | | X | X | X | X |

Relinquished By:  Date: 8/20/13 Time: 1613
 Received By:  Date: 8/20/13 Time: 1613
 Relinquished By:  Date: 8/21/13 Time: 630
 Received at Laboratory By:  Date: 8/20/13 Time: 1613

Lab Use Only
 Intact N
 Headspace Y / N
 Temp of C. C. Lee
 Log-in Review

Remarks: TDS, Cl, NO₃ in 50
 8/21/13
 Dry Weight Basis Required
 TRRP Report Required

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 42-02 Date Gauged 8/20/13
 Site Dominquez 2 Time Gauged 12:38
 Depth to PSH 8 feet Well Diameter 4 inches
 Depth to Water 25.36 feet Height of Fluid Column _____ feet
 Total Depth pump feet Volume in Well _____ gallons
 (3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 8-20-13/ Purged Method well pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 12:47 | 5 | 5 | 26.2 | 3395 | 7.64 | 138 | 2540 |
| 12:49 | 5 | 10 | 23.4 | 3410 | 7.25 | 150 | 2539 |
| 12:51 | 5 | 15 | 23.6 | 3379 | 7.12 | 160 | 2536 |
| 12:52 | 5 | 20 | 22.2 | 3373 | 7.09 | 164 | 2532 |
| 12:53 | 5 | 25 | 23.9 | 3374 | 6.95 | 185 | 2530 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 30 gals Field Measurements stabilized within ± 10%
 Time/Date Sampled 12:55/8/20/13 Purged/Sampled By [Signature]
 Sample Method Well pump
 Requested Analyses _____
 Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 42-03 Date Gauged 8-15-13
 Site Dominquez 2 Time Gauged 8:48
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 82.45 feet Height of Fluid Column 0 feet
 Total Depth Pump feet Volume in Well 0 gallons
 (3 Well Volumes = 25 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 8:51 8-15-13 Purged Method Well Pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 9:08 | 5 | 5 | 25.5 | 5977 | 7.89 | 196 | 4713 |
| 9:12 | 5 | 10 | 25.9 | 5617 | 7.31 | 174 | 4407 |
| 9:18 | 5 | 15 | 26.2 | 5572 | 6.97 | 166 | 4368 |
| 9:21 | 5 | 20 | 26.1 | 5557 | 6.81 | 164 | 4350 |
| 9:25 | 5 | 25 | 26.4 | 5568 | 6.64 | 155 | 4361 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 9:27 8-15-13 Purged/Sampled By Amal

Sample Method well 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: 42-06 Date Gauged: 8/20/13
 Site: Dominquez #2 Time Gauged: 11:15
 Depth to PSH: 0 feet Well Diameter: 4 inches
 Depth to Water: 31.80 feet Height of Fluid Column: _____ feet
 Total Depth: pump feet Volume in Well: _____ gallons
 (3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged: _____ Purged Method: Well pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|------------|
| 11:24 | 5 | 5 | 24.2 | 3853 | 8.30 | 44 | 2912 |
| 11:26 | 5 | 10 | 24.0 | 3804 | 7.63 | 68 | 2873 |
| 11:28 | 5 | 15 | 23.1 | 3717 | 7.47 | 64 | 2805 |
| 11:30 | 5 | 20 | 22.4 | 3692 | 7.36 | 76 | 2798 |
| 11:33 | 5 | 25 | 23.0 | 3694 | 7.20 | 83 | 2796 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 11:35/8-20-13 Purged/Sampled By [Signature]

Sample Method Well 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 42-07 Date Gauged 8-15-13
 Site Dominquez Time Gauged 13:21
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water Dry feet Height of Fluid Column 0 feet
 Total Depth Pump feet Volume in Well 0 gallons
 (3 Well Volumes = 0 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 0 Purged Method 0

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

Actual Purge Volume 0 gals Field Measurements stabilized within ± 10% 0
 Time/Date Sampled 0 Purged/Sampled By Angel N. Rivera
 Sample Method 0
 Requested Analyses _____
 Comments/Observations No sample or purge. Dry well.
Only relogged.

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 42-08 Date Gauged 8/20/13

Site Dominguez 2 Time Gauged 13:12

Depth to PSH 0 feet Well Diameter 2 inches

Depth to Water 27.50 feet Height of Fluid Column _____ feet

Total Depth pump feet Volume in Well _____ gallons

(3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1313/8-20-13

Purged Method Well pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 1314 | 5 | 5 | 28.3 | 2624 | 7.62 | 172 | 1936 |
| 1316 | 5 | 10 | 25.0 | 2822 | 7.45 | 185 | 2104 |
| 1319 | 5 | 15 | 24.4 | 3014 | 7.25 | 206 | 2233 |
| 1325 | 5 | 20 | 26.2 | 3097 | 7.22 | 203 | 2299 |
| 1331 | 5 | 25 | 26.2 | 3089 | 7.31 | 222 | 2304 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 8/20/13 - 1333 Purged/Sampled By [Signature]

Sample Method Well 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 42-09 Date Gauged 8-15-13
 Site Dominquez 2 Time Gauged 10:45
 Depth to PSH 9 feet Well Diameter 4 inches
 Depth to Water 47.87 feet Height of Fluid Column 9 feet
 Total Depth Pump feet Volume in Well 8 gallons
 (3 Well Volumes = 25 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:47 8-15-13 Purged Method well pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|------------|
| 10:55 | 5 | 5 | 23.4 | 5285 | 7.26 | 44 | 4126 |
| 10:59 | 5 | 10 | 24.1 | 4917 | 7.13 | 58 | 3806 |
| 11:02 | 5 | 15 | 23.6 | 4779 | 6.87 | 61 | 3695 |
| 11:06 | 5 | 20 | 24.0 | 4698 | 6.92 | 70 | 3622 |
| 11:09 | 5 | 25 | 24.7 | 4669 | 6.73 | 71 | 3603 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 11:11 8-15-13 Purged/Sampled By Angel R. R.

Sample Method well 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 42-10 Date Gauged 8-20-13
 Site Dominguez #2 Time Gauged 1522
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 114.75 feet Height of Fluid Column _____ feet
 Total Depth pump feet Volume in Well _____ gallons
 (3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1524/8-20-13 Purged Method Well pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1525 | 5 | 5 | 30.0 | 2274 | 6.62 | -109 | 1658 |
| 1526 | 5 | 10 | 28.5 | 2312 | 6.53 | 18 | 1682 |
| 1527 | 5 | 15 | 28.2 | 2300 | 6.46 | 56 | 1673 |
| 1529 | 5 | 20 | 28.2 | 2295 | 6.38 | 79 | 1671 |
| 1532 | 5 | 25 | 28.4 | 2295 | 6.51 | 92 | 1668 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10%
 Time/Date Sampled 1532 Purged/Sampled By [Signature]
 Sample Method well pump
 Requested Analyses _____
 Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 42-11 Date Gauged 8-20-13
 Site Dominquez #2 Time Gauged 1409
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 124.95 feet Height of Fluid Column _____ feet
 Total Depth pump feet Volume in Well _____ gallons
 (3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1412 / 8-20-13 Purged Method Well pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 1414 | 5 | 5 | 30.1 | 2001 | 7.30 | -9 | 1437 |
| 1417 | 5 | 10 | 29.7 | 1922 | 7.04 | 109 | 1377 |
| 1422 | 5 | 15 | 30.2 | 2003 | 6.90 | 102 | 1438 |
| 1426 | 5 | 20 | 30.6 | 2033 | 5.91 | 76 | 1459 |
| 1431 | 5 | 25 | 30.4 | 2025 | 6.40 | 77 | 1457 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10%
 Time/Date Sampled 1430 / 8-20-13 Purged/Sampled By [Signature]
 Sample Method Well 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 42-12 Date Gauged 8-20-13
 Site Dominquez #2 Time Gauged 1440
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 131.25 feet Height of Fluid Column _____ feet
 Total Depth pump feet Volume in Well _____ gallons
 (3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged ~~1446~~ 1446 / 8-20-13 Purged Method well pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1448 | 5 | 5 | 30.1 | 2000 | 7.01 | 163 | 1439 |
| 1450 | 5 | 10 | 29.9 | 1962 | 6.80 | 165 | 1403 |
| 1451 | 5 | 15 | 29.7 | 1954 | 6.69 | 161 | 1404 |
| 1453 | 5 | 20 | 29.8 | 1957 | 6.69 | 153 | 1403 |
| 1457 | 5 | 25 | 31.1 | 1953 | 6.74 | 160 | 1386 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 1457 / 8-20-13 Purged/Sampled By [Signature]

Sample Method Well pump

Requested Analyses _____

Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 42-13 Date Gauged 8-15-13
 Site Dominquez 2 Time Gauged 9:36
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 56.05 feet Height of Fluid Column 0 feet
 Total Depth Pump feet Volume in Well 0 gallons
 (3 Well Volumes = 25 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:39 8-15-13 Purged Method well pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|------------|
| 9:45 | 5 | 5 | 23.1 | 5227 | 7.47 | 9 | 4083 |
| 9:49 | 5 | 10 | 24.9 | 5145 | 7.45 | 22 | 3997 |
| 9:53 | 5 | 15 | 24.3 | 5156 | 7.26 | 87 | 4009 |
| 9:58 | 5 | 20 | 27.9 | 5178 | 7.20 | 109 | 4020 |
| 10:03 | 5 | 25 | 26.8 | 5116 | 7.14 | 62 | 3962 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 10:07 8-15-13 Purged/Sampled By Amel W.R.

Sample Method well 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

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Ave, Site 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1236

5002 Basin Street, Suite A1
Midland, Texas 79703
Tel (432) 689-6301
Fax (432) 689-6313

BioAquatic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750

Company Name: **D & H** Phone #: **915-859-8150**

Address: **1001 Tower Trail Ln Ft Paso, TX 79707** Fax #: **79907**

Contact Person: **Victor Ayala** E-mail: **vayala@dhpump.com**

Invoice to: **Dona Ana Dairici Consortium**

Project #: **422543** Project Name: **DAD**

Project Location: **Various Dairies** Sampler Signature: *JW*

| LAB # (LAB USE ONLY) | FIELD CODE | # CONTAINERS | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | SAMPLING | | |
|-------------------------|------------|--------------|---------------|--------|-----|--------|-----|---------------------|--------------------------------|------|-----|----------|---------|-------|
| | | | | WATER | AIR | SLUDGE | HCL | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME |
| | | 1 | 250 | X | | | | X | | | X | | 8/30/13 | 11:35 |
| | DAD-04 | 1 | 250 | X | | | | X | | | X | | 8/30/13 | 11:35 |
| | DAD-09 | | | | | | | | | | | | | |

Relinquished by: *JW* Company: **D & H** Date: **8/30/13** Time: **11:35**

Received by: *[Signature]* Company: **D & H** Date: **8/30/13** Time: **11:35**

Relinquished by: _____ Company: _____ Date: _____ Time: _____

Received by: _____ Company: _____ Date: _____ Time: _____

Relinquished by: _____ Company: _____ Date: _____ Time: _____

Received by: _____ Company: _____ Date: _____ Time: _____

ANALYSIS REQUEST (Circle or Specify Method No.)

| | |
|-------------------------------------|-------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | MTBE 8021B / 602 / 8260B / 624 |
| <input type="checkbox"/> | BTEX 8021B / 602 / 8260B / 624 |
| <input type="checkbox"/> | TPH 418.1 / TX1005 / DRO / TVHC |
| <input type="checkbox"/> | PAH 8270C / 625 |
| <input type="checkbox"/> | Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B / 200.7 |
| <input type="checkbox"/> | TCLP Metals Ag As Ba Cd Cr Pb Se Hg |
| <input type="checkbox"/> | TCLP Volatiles |
| <input type="checkbox"/> | TCLP Semi Volatiles |
| <input type="checkbox"/> | TCLP Pesticides |
| <input type="checkbox"/> | RCI |
| <input type="checkbox"/> | GC/MS Vol. 8260B / 624 |
| <input type="checkbox"/> | GC/MS Semi. Vol. 8270C/625 |
| <input type="checkbox"/> | PCBs 8082 / 608 |
| <input type="checkbox"/> | Pesticides 8081A / 608 |
| <input type="checkbox"/> | BOD, TSS, pH |
| <input type="checkbox"/> | Moisture Content |
| <input type="checkbox"/> | Cl, F, SO ₄ , NO ₃ -N, NO ₂ -N, PO ₄ -P, Alkalinity |
| <input checked="" type="checkbox"/> | Na, Ca, Mg, K, Fe, Co, TKN 4500 NR03 |
| <input checked="" type="checkbox"/> | TDS SM 254 C Mod |
| <input checked="" type="checkbox"/> | Chloride EPA 300.0 |
| <input checked="" type="checkbox"/> | Turn Around Time if different from standard |
| <input checked="" type="checkbox"/> | Hold Nitrates 300.0 |

REMARKS: **TDS, < 1, 100.3 → 50**

LAB USE ONLY

Intact Y / N

Headspace Y / N / NA

Log-in Review

Carrier # *1007*

Dry Weight Basis Required

TRAP Report Required

Check If Special Reporting Limits Are Needed

6701 Aberdeen, Ste. 9
Lubbock, TX 79424
Tel (806) 794-1296
Fax (806) 794-1298

TraceAnalysis, Inc.

155 McCutcheon, Ste. H
Paso, TX 79932
Tel (915) 585-3443
Fax (915) 585-4944

Page 7 of 7
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: _____

Phone #: 915-859-8150

D&H Petroleum & Environmental Services

Cell #: _____

Address: (Street, City, Zip)

Fax #: _____

1221 Tower Trail Ln., El Paso, Texas 79907

E-mail: yayala@dhpump.com

Contact Person: _____

Victor Ayala

Invoice to (if different from above):

Dena Ana Dairies, PO Box 10, Mesquite, NM 88048 Linda Armstrong 575-233-3620

Project #: 422513

Project Name: Dena Ana Dairies Consortium

Project Location (including state):

Various Dairies, Dena Anna County, NM

Sampler Signature: *Jay*

| LAB # (LAB USE ONLY) | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | SAMPLING | | |
|-------------------------|------------|--------------|---------------|--------|------|-----|--------|---------------------|-----|--------------------------------|------|----------|--------|-------|
| | | | | WATER | SOIL | AIR | SLUDGE | HNO ₃ | HCl | H ₂ SO ₄ | NaOH | ICE | NONE | DATE |
| | DAD-04 | 1 | 250 | X | | | | X | | X | | | 9/5/13 | 13:44 |
| | DAD-04 | 1 | | X | | | | X | | X | | | | 13:44 |
| | DAD-05 | 1 | | X | | | | X | | X | | | | 11:50 |
| | DAD-05 | 1 | | X | | | | X | | X | | | | 11:50 |
| | DAD-07 | 1 | | X | | | | X | | X | | | | 10:52 |
| | DAD-07 | 1 | | X | | | | X | | X | | | | 10:52 |
| | DAD-08 | 1 | | X | | | | X | | X | | | | 11:30 |
| | DAD-08 | 1 | | X | | | | X | | X | | | | 11:30 |
| | DAD-10 | 1 | | X | | | | X | | X | | | | 8:38 |
| | DAD-10 | 1 | | X | | | | X | | X | | | | 8:38 |
| | DAD-20 | 1 | | X | | | | X | | X | | | | 9:55 |
| | DAD-20 | 1 | | X | | | | X | | X | | | | 9:55 |
| | DAD-21 | 1 | | X | | | | X | | X | | | | 9:12 |
| | DAD-21 | 1 | | X | | | | X | | X | | | | 9:12 |

Relinquished By: *JAV* Date: 09/05/13 Time: 3:00
 Received By: *Danny AH T.A.* Date: 9-5-13 Time: 15:10
 Received at Laboratory By: _____ Date: _____ Time: _____

Lab Use Only
 Intact Y / N
 Headspace Y / N
 Temp *18.2* / *21.2*
 Log-in Review

| ANALYSIS REQUEST | TPH 418.1 / TX1005 | TX 1005 Extended (C35) | PAH 8270C | PAH 8270 (Low Level Analysis) | Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | Nitrates/Nitrite EPA 353.5 modified | Total Kjeldahl Nitrogen SM 4500 NORG C | Chloride EPA 300.0 | Total Dissolved Solids SM 2540 C MOD | Turn Around Time | Hold |
|------------------|--------------------|------------------------|-----------|-------------------------------|--------------------------------------------------|-------------------------------------|----------------------------------------|--------------------|--------------------------------------|------------------|------|
| MTBE 8021B/602 | | | | | | | | | | | |
| BTEX 8021B/602 | | | | | | | | | | | |

Remarks: *ICE*
TKNE Lubbock
 Dry Weight Basis Required
 TRRP Report Required

(9)

TraceAnalysis, Inc.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: _____ Phone #: 915-859-8150
 D&H Petroleum & Environmental Services Cell #: _____
 Address: (Street, City, Zip) _____ Fax #: _____
 1221 Tower Trail Ln, El Paso TX 79907 E-mail: vajala@dhpump.com
 Contact Person: _____
 Victor Ayala
 Invoice to (if different from above): _____
 Dona Ana Dairies, PO Box 10, Mesquite, NM 88048
 Project #: 922543
 Project Name: Linda Armstrong 575-233-3620
 Dona Ana Dairies Consortium
 Sampler Signature: *[Signature]*

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | PRESERVATIVE METHOD | | | | | Sampling | | |
|-------|------------|--------------|---------------|--------|-----|--------|---------------------|------------------|--------------------------------|------|-----|----------|--------|-------|
| | | | | WATER | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME |
| | DAD-17 | 1 | 250 | X | | | X | X | X | X | X | | 9-9-13 | 10:35 |
| | DAD-17 | 1 | | X | | | X | X | X | X | X | | 9-9-13 | 10:35 |
| | DAD-18 | 1 | | X | | | X | X | X | X | X | | 9-9-13 | 11:24 |
| | DAD-18 | 1 | | X | | | X | X | X | X | X | | 9-9-13 | 11:24 |
| | DAD-19 | 1 | | X | | | X | X | X | X | X | | 9-9-13 | 7:53 |
| | DAD-19 | 1 | | X | | | X | X | X | X | X | | 9-9-13 | 7:53 |
| | DAD-20 | 1 | | X | | | X | X | X | X | X | | | |
| | DAD-20 | 1 | | X | | | X | X | X | X | X | | | |
| | DAD-21 | 1 | | X | | | X | X | X | X | X | | | |
| | DAD-21 | 1 | | X | | | X | X | X | X | X | | | |
| | DAD-22 | 1 | | X | | | X | X | X | X | X | | | |
| | DAD-22 | 1 | | X | | | X | X | X | X | X | | | |

Project Location (including state): Various Dairies, Dona Ana County, NM

Relinquished By: *[Signature]* Date: 9-9-13 Time: _____
 Thersten-Meinus
 Received at Laboratory By: *[Signature]* Date: 9-9-13 Time: 15:20
 Received By: *[Signature]* Date: _____ Time: _____

Lab Use Only
 Intact / N
 Headspace / N
 Temp / N
 Log-in Review

Remarks: on file

Dry Weight Basis Required
 TRRP Report Required

[Signature]

LAB Order ID # _____

| ANALYSIS REQUEST | |
|--------------------------------------------------|---|
| TPH 418.1 / TX1005 | |
| BTEX 8021B/602 | |
| MTBE 8021B/602 | |
| TX 1005 Extended (C35) | |
| PAH 8270C | |
| PAH 8270 (Low Level Analysis) | |
| Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 | |
| Nitrates EPA 300 | X |
| TKN SM 4500 NORG C | X |
| Chloride EPA 300 | X |
| Total Dissolved Solids SM 2540 C MOD | X |
| Turn Around Time | |
| Hold | |

TraceAnalysis, Inc.

Company Name: _____
 D&H Petroleum & Environmental Services
 Address: (Street, City, Zip)
 1221 Tower Trail Ln, El Paso TX 79907
 Contact Person: _____
 Victor Ayala
 Invoice to (if different from above):
 Dona Ana Dairies, PO Box 10, Mesquite, NM 88048
 Project #: 922543
 Project Location (including state):
 Various Dairies, Dona Ana County, NM

Phone #: 915-859-8150
 Cell #: _____
 Fax #: _____
 E-mail: vajala@dhpump.com

Project Name:
 Dona Ana Dairies Consortium
 Sampler Signature: *JAY*

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | PRESERVATIVE METHOD | | | | | SAMPLING | | TIME | | |
|--------|------------|--------------|---------------|--------|------|-----|---------------------|-----|------------------|--------------------------------|------|----------|------|------|--------|-------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | | DATE | TIME |
| DAD-01 | | 1 | | X | | | | X | | | | X | | | | |
| DAD-01 | | 1 | | X | | | | X | | | | X | | | | |
| DAD-02 | | 1 | 250 | X | | | | X | | | | X | | | 9-9-13 | 12:30 |
| DAD-02 | | 1 | 250 | X | | | | X | | | | X | | | 9-9-13 | 12:30 |
| DAD-03 | | 1 | | X | | | | X | | | | X | | | | |
| DAD-03 | | 1 | | X | | | | X | | | | X | | | | |
| DAD-04 | | 1 | | X | | | | X | | | | X | | | | |
| DAD-04 | | 1 | | X | | | | X | | | | X | | | | |
| DAD-05 | | 1 | | X | | | | X | | | | X | | | | |
| DAD-05 | | 1 | | X | | | | X | | | | X | | | | |
| DAD-06 | | 1 | | X | | | | X | | | | X | | | | |
| DAD-06 | | 1 | | X | | | | X | | | | X | | | | |
| DAD-07 | | 1 | | X | | | | X | | | | X | | | | |
| DAD-07 | | 1 | | X | | | | X | | | | X | | | | |
| DAD-08 | | 1 | | X | | | | X | | | | X | | | | |
| DAD-08 | | 1 | | X | | | | X | | | | X | | | | |

ANALYSIS REQUEST

| | |
|--------------------------------------------------|---|
| MTBE 8021B/602 | |
| BTEX 8021B/602 | |
| TPH 418.1 / TX1005 | |
| TX 1005 Extended (C35) | |
| PAH 8270C | |
| PAH 8270 (Low Level Analysis) | |
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | X |
| Nitrates EPA 300 | X |
| TKN SM 4500 NORG C | X |
| Chloride EPA 300 | X |
| Total Dissolved Solids SM 2540 C MOD | X |

| | |
|------------------|--|
| Turn Around Time | |
| Hold | |

Relinquished By: *JAY* Date: 9-9-13 Time: _____

Received By: *UMA TRBP* Date: 9-9-13 Time: 5:20

Relinquished By: _____ Date: _____ Time: _____

Received at Laboratory By: _____ Date: _____ Time: _____

Log-in Review: _____

Temp: 4

Headspace: Y / N

Intact: *Y* / N

Lab Use Only

Remarks: on ice

Dry Weight Basis Required: _____

TRRP Report Required: _____

CARRY IN

TraceAnalysis, Inc.
 155 McCutcheon, Ste. H, El Paso, TX 79932
 Tel (915) 585-3443
 Fax (915) 585-4944

Company Name: _____
 Phone #: 915-859-8150

D&H Petroleum & Environmental Services
 Address: (Street, City, Zip)
 1221 Tower Trail Ln, El Paso TX 79907
 Contact Person: _____
 Victor Ayala
 Address: (Street, City, Zip)
 1221 Tower Trail Ln, El Paso TX 79907
 E-mail: vajala@dhpump.com

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | PRESERVATIVE METHOD | | | | | SAMPLING | | | | |
|--------|------------|--------------|---------------|--------|------|-----|---------------------|-----|------------------|--------------------------------|------|----------|------|--------|-------|--|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME | |
| DAD-09 | | 1 | | X | | | | X | | | X | | | | | |
| DAD-09 | | 1 | | X | | | | X | | | X | | | | | |
| DAD-10 | | 1 | | X | | | | X | | | X | | | | | |
| DAD-10 | | 1 | | X | | | | X | | | X | | | | | |
| DAD-11 | | 1 | 250 | X | | | | X | | | X | | | 9-9-13 | 14:24 | |
| DAD-11 | | 1 | 250 | X | | | | X | | | X | | | 9-9-13 | 14:24 | |
| DAD-12 | | 1 | | X | | | | X | | | X | | | | | |
| DAD-12 | | 1 | | X | | | | X | | | X | | | | | |
| DAD-13 | | 1 | 250 | X | | | | X | | | X | | | 9-9-13 | 14:50 | |
| DAD-13 | | 1 | 250 | X | | | | X | | | X | | | 9-9-13 | 14:50 | |
| DAD-14 | | 1 | 250 | X | | | | X | | | X | | | 9-9-13 | 14:01 | |
| DAD-14 | | 1 | 250 | X | | | | X | | | X | | | 9-9-13 | 14:01 | |
| DAD-15 | | 1 | | X | | | | X | | | X | | | | | |
| DAD-15 | | 1 | | X | | | | X | | | X | | | | | |
| DAD-16 | | 1 | 250 | X | | | | X | | | X | | | 9-9-13 | 11:56 | |
| DAD-16 | | 1 | 250 | X | | | | X | | | X | | | 9-9-13 | 11:56 | |

| ANALYSIS REQUEST | Turn Around Time |
|--------------------------------------------------|------------------|
| Hold | |
| Total Dissolved Solids SM 2540 C MOD | |
| Chloride EPA 300 | |
| TKN SM 4500 NORG C | |
| Nitrates EPA 300 | |
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | |
| PAH 8270 (Low Level Analysis) | |
| PAH 8270C | |
| TX 1005 Extended (C35) | |
| TPH 418.1 / TX1005 | |
| BTEX 8021B/602 | |
| MTBE 8021B/602 | |

Remarks: *on ICE*

Lab Use Only
 Intact N
 Headspace Y / N
 Temp Y / N
 Log-in Review Y / N

Dry Weight Basis Required
 TRRP Report Required

C. M. T. n

Relinquished By: *Jay* Date: 9-7-13
 Received By: *MML TREP* Date: 9-9-13 Time: 15:20
 Relinquished By: _____ Date: _____
 Received at Laboratory By: _____ Date: _____

6701 Aberdeen, Ste. 9
Lubbock, TX 79424
Tel (806) 794-1296
Fax (806) 794-1298

TraceAnalysis, Inc.

Phone #: 915-859-8150
Cell #:
Fax #:
E-mail: vayala@dhpump.com

Company Name:
D&H Petroleum & Environmental Services
Address: (Street, City, Zip)
1221 Tower Trail Ln., El Paso, Texas 79907

Contact Person:
Victor Ayala
Invoice to (if different from above):
Dona Ana Dairies, PO Box 10, Mesquite, NM, 88048
Project #: 422543
Project Name: Various Dairies
Sampler Signature: *JAV*

Project Location (including state):
Various Dairies, Dona Ana County, NM

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | Sampling | | |
|-------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|---------|-------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE |
| | DAD-01 | 1 | 250 | X | | | | X | | X | | | 9-10-13 | 10:28 |
| | DAD-01 | 1 | | X | | | | X | | X | | | | 10:28 |
| | DAD-12 | 1 | | X | | | | X | | X | | | | 11:43 |
| | DAD-12 | 1 | | X | | | | X | | X | | | | 11:43 |
| | DAD-15 | 1 | | X | | | | X | | X | | | | 12:08 |
| | DAD-15 | 1 | | X | | | | X | | X | | | | 12:08 |

Relinquished By: *JAV* Date: 09/10/13 Time: 3:25
 Received By: *HAC* Date: 9-10-13 Time: 3:25
 Lab Use Only
 Intact Y N
 Headspace Y N
 Temp *12.2* *11.1*
 Log-in Review

| ANALYSIS REQUEST | MTBE 8021B/602 | BTEX 8021B/602 | TPH 418.1 / TX1005 | TX 1005 Extended (C35) | PAH 8270C | PAH 8270 (Low Level Analysis) | Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | Nitrates/Nitrite EPA 353.5 modified | Total Kjeldahl Nitrogen SM 4500 NORG C | Chloride EPA 300.0 | Total Dissolved Solids SM 2540 C MOD | Turn Around Time | Hold |
|------------------|----------------|----------------|--------------------|------------------------|-----------|-------------------------------|--------------------------------------------------|-------------------------------------|----------------------------------------|--------------------|--------------------------------------|------------------|------|
| | | | | | | | | X | | X | | | |
| | | | | | | | | X | | X | | | |
| | | | | | | | | X | | X | | | |
| | | | | | | | | X | | X | | | |

Remarks: *ICE*
 Dry Weight Basis Required
 TRRP Report Required

MONITOR WELL SAMPLING FIELD FORM

SITE NAME: _____

SITE ADDRESS: _____

FLUID LEVEL DATA

Well ID DAD-21 Date Gauged 8/30/13

Site _____ Time Gauged 9:30

Depth to PSH 0 feet Well Diameter 2 inches

Depth to Water 49.95 feet Height of Fluid Column .05 feet

Total Depth 50 feet Volume in Well .0085 gallons

(3 Well Volumes = 0 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged _____

Purged Method _____

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

Actual Purge Volume _____ gals Field Measurements stabilized within ± 10% _____

Time/Date Sampled _____ Purged/Sampled By _____

Sample Method _____

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 SAMPLING FIELD FORM

SITE NAME: _____

SITE ADDRESS: _____

FLUID LEVEL DATA

Well ID DAD-09 Date Gauged 8/30/13

Site _____ Time Gauged 4:15

Depth to PSH 0 feet Well Diameter 2 inches

Depth to Water 55.38 feet Height of Fluid Column 6.65 feet

Total Depth 62.03 feet Volume in Well 1.13 gallons

(3 Well Volumes = 3.39 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:18

Purged Method Bail

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 9:21 | 1 | 1 | 23.3 | 2872 | 6.71 | 189 | 2146 |
| 9:23 | 1 | 2 | 23.2 | 2718 | 6.73 | 197 | 2033 |
| 9:25 | 1 | 3 | 23.2 | 2748 | 6.63 | 194 | 2046 |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |

Actual Purge Volume 3 gals

Field Measurements stabilized within ± 10%

Time/Date Sampled 9:25

Purged/Sampled By JWG

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DAR-04 Date Gauged 9/5/13
 Site _____ Time Gauged 1:41
 Depth to PSH _____ feet Well Diameter 2" inches
 Depth to Water 16.81 feet Height of Fluid Column 1.24 feet
 Total Depth 18.05 feet Volume in Well .2108 gallons
 (3 Well Volumes = .632 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1:43 9/5/13 Purged Method _____

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1:44 | .5-1 | .5-1 | 23.2 | 4225 | 7.75 | 116 | 3259 |
| | | | | | | | |
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| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume .5-1 gals Field Measurements stabilized within ± 10% _____
 Time/Date Sampled 1:44 9/5/13 Purged/Sampled By JMS
 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DA0-05 Date Gauged 9/5/13
 Site _____ Time Gauged 11:45
 Depth to PSH 0 feet Well Diameter 2" inches
 Depth to Water 15.8 feet Height of Fluid Column 7.7 feet
 Total Depth 23.50 feet Volume in Well 1.309 gallons
 (3 Well Volumes = 3.927 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:50 9/5/13 Purged Method Bail

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 11:52 | 1 | 1 | 23.0 | 1723 | 7.84 | 208 | 1236 |
| 11:54 | 1 | 2 | 23.1 | 1715 | 7.64 | 211 | 1240 |
| 11:56 | 1 | 3 | 23.0 | 1719 | 7.66 | 214 | 1231 |
| 11:58 | 1 | 4 | 23.0 | 1711 | 7.62 | 209 | 1237 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 4 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 11:58 9/5/13 Purged/Sampled By JW

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DAD-06 Date Gauged 9/5/13
 Site _____ Time Gauged 1:35
 Depth to PSH 0 feet Well Diameter 2" inches
 Depth to Water 0 feet Height of Fluid Column 0 feet
 Total Depth 83.54 feet Volume in Well 0 gallons
 (3 Well Volumes = NA gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged _____ Purged Method _____

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

Actual Purge Volume _____ gals Field Measurements stabilized within ± 10% _____
 Time/Date Sampled _____ Purged/Sampled By _____
 Sample Method _____
 Requested Analyses _____
 Comments/Observations Well is dry,

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DAD-07 Date Gauged 9/5/13
 Site Big Sky Time Gauged 10:30
 Depth to PSH 8 feet Well Diameter 2 1/2 inches
 Depth to Water 91.38 feet Height of Fluid Column 9.12 feet
 Total Depth 100.5 feet Volume in Well 7.56 gallons
 (3 Well Volumes = 4.45 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:58 9/5/13 Purged Method Bail

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 10:40 | 1 | 1 | 26.1 | 3528 | 7.07 | 278 | 2639 |
| 10:43 | 1 | 2 | 25.0 | 3580 | 6.75 | 268 | 2677 |
| 10:46 | 1 | 3 | 25.2 | 3584 | 6.31 | 261 | 2674 |
| 10:49 | 1 | 4 | 25.3 | 3581 | 6.35 | 263 | 2669 |
| 10:52 | 1 | 5 | 25.2 | 3585 | 6.36 | 261 | 2670 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 5 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 10:52 9/5/13 Purged/Sampled By [Signature]

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DAD-08 Date Gauged 9/5/13
 Site _____ Time Gauged 11:25
 Depth to PSH 2 feet Well Diameter 2" inches
 Depth to Water 53.40 feet Height of Fluid Column 1.6 feet
 Total Depth 55 feet Volume in Well .272 gallons
 (3 Well Volumes = 1 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:28 9/5/13 Purged Method Bail

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 11:30 | 1 | 1 | 23.2 | 10.06 | 6.87 | 222 | 8410 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |

Actual Purge Volume 1 gals Field Measurements stabilized within ± 10% ✓
 Time/Date Sampled 11:30 9/5/13 Purged/Sampled By JNY
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations water was very cloudy.

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DAD-10 Date Gauged 9/5/13
 Site _____ Time Gauged 8:15
 Depth to PSH ∅ feet Well Diameter 2" inches
 Depth to Water 82.91 feet Height of Fluid Column 11.46 feet
 Total Depth 94.37 feet Volume in Well 1.94 gallons
 (3 Well Volumes = 5.8 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 8:19 Purged Method Bail

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 8:22 | 1 | 1 | 23.1 | 3591 | 5.29 | 403 | 2733 |
| 8:25 | 1 | 2 | 22.3 | 2452 | 6.09 | 393 | 1807 |
| 8:28 | 1 | 3 | 22.3 | 2448 | 6.06 | 390 | 1798 |
| 8:32 | 1 | 4 | 22.1 | 2553 | 6.03 | 392 | 1793 |
| 8:35 | 1 | 5 | 22.2 | 2308 | 6.11 | 355 | 1684 |
| 8:38 | 1 | 6 | 22.1 | 2311 | 6.08 | 348 | 1688 |
| | | | | | | | |
| | | | | | | | |

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

Time/Date Sampled 8:38 9/5/13 Purged/Sampled By JW

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DAD-20 Date Gauged 9/5/13
 Site _____ Time Gauged 9:25
 Depth to PSH 8 feet Well Diameter 2" inches
 Depth to Water 53.75 feet Height of Fluid Column 15.23 feet
 Total Depth 68.98 feet Volume in Well 2.58 gallons
 (3 Well Volumes = 7.76 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:30 Purged Method Bail

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|----------------------|-------------|------|----------|-----------|
| 9:44 | 5 | 5 | 22.4 22.4 | 3891 | 6.42 | 278 | 2904 |
| 9:48 | 1 | 6 | 22.3 | 3846 | 6.68 | 281 | 2891 |
| 9:52 | 1 | 7 | 22.4 | 3849 | 6.55 | 274 | 2884 |
| 9:55 | 1 | 8 | 22.5 | 3841 | 6.45 | 269 | 2887 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 8 gals Field Measurements stabilized within ± 10% /
 Time/Date Sampled 9:55 9/5/13 Purged/Sampled By JW
 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DAD-21 Date Gauged 9/5/13
 Site _____ Time Gauged 8:45
 Depth to PSH 2 feet Well Diameter 2" inches
 Depth to Water 55.92 feet Height of Fluid Column 13.94 feet
 Total Depth 69.86 feet Volume in Well 2.36 gallons
 (3 Well Volumes = 7 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 8:50 9/5/13 Purged Method _____

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 8:59 | 3 | 3 | 22.2 | 3258 | 5.34 | 322 | 2440 |
| 9:02 | 1 | 4 | 22.2 | 3188 | 5.83 | 312 | 2375 |
| 9:06 | 1 | 5 | 22.2 | 3175 | 5.65 | 307 | 2350 |
| 9:09 | 1 | 6 | 22.1 | 3161 | 5.58 | 301 | 2356 |
| 9:12 | 1 | 7 | 22.1 | 3164 | 5.55 | 305 | 2348 |
| | | | | | | | |
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| | | | | | | | |

Actual Purge Volume 7 gals Field Measurements stabilized within ± 10%

Time/Date Sampled ~~9:12~~ 9:12 9/5/13 Purged/Sampled By [Signature]

Sample Method Bail

Requested Analyses _____

Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DA0-19 Date Gauged ~~9:00~~ 9/9/13
 Site _____ Time Gauged 9:00
 Depth to PSH _____ feet Well Diameter 2" inches
 Depth to Water 64.02 feet Height of Fluid Column 34.4 feet
 Total Depth 99.20 feet Volume in Well 5.84 gallons
 (3 Well Volumes = 17.54 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:05 9/9/13 Purged Method Bail

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 9:36 | 10 | 10 | 24.3 | 6246 | 5.11 | 344 | 4450 |
| 9:33 | 1 | 11 | 22.9 | 5007 | 6.30 | 298 | 3891 |
| 9:37 | 1 | 12 | 23.6 | 5001 | 6.32 | 274 | 3873 |
| 9:40 | 1 | 13 | 22.8 | 4991 | 6.28 | 265 | 3888 |
| 9:43 | 1 | 14 | 22.9 | 5001 | 6.29 | 262 | 3871 |
| 9:46 | 1 | 15 | 22.7 | 4993 | 6.17 | 259 | 3867 |
| 9:50 | 1 | 16 | 22.8 | 4998 | 6.24 | 257 | 3868 |
| 9:53 | 1 | 17 | 22.8 | 4973 | 6.13 | 255 | 3860 |

Actual Purge Volume 17-18 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 9:53 9/9/13 Purged/Sampled By [Signature]

Sample Method Bail

Requested Analyses _____

Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DA0-17 Date Gauged 9/9/13
 Site _____ Time Gauged 10:05
 Depth to PSH _____ feet Well Diameter 2" inches
 Depth to Water 21.50 feet Height of Fluid Column 16.9 feet
 Total Depth 38.40 feet Volume in Well 2.873 gallons
 (3 Well Volumes = 8.6 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:08 9/9/13 Purged Method Bail

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 10:12 | 2 | 2 | 21.4 | 3302 | 6.37 | 233 | 2470 |
| 10:15 | 1 | 3 | 20.2 | 3245 | 6.33 | 229 | 2431 |
| 10:19 | 1 | 4 | 20.1 | 3255 | 6.31 | 226 | 2443 |
| 10:22 | 1 | 5 | 20.0 | 3244 | 6.31 | 225 | 2432 |
| 10:26 | 1 | 6 | 20.0 | 3271 | 6.32 | 222 | 2447 |
| 10:29 | 1 | 7 | 20.0 | 3256 | 6.30 | 220 | 2444 |
| 10:32 | 1 | 8 | 19.9 | 3269 | 6.31 | 218 | 2452 |
| 10:35 | 1 | 8.5-9 | 19.8 | 3267 | 6.29 | 218 | 2447 |

Actual Purge Volume 8.5-9 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 9/9/13 10:35 Purged/Sampled By Bail

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DAD-18 Date Gauged 9/9/13
 Site _____ Time Gauged 10:41
 Depth to PSH _____ feet Well Diameter 2" inches
 Depth to Water 24.75 feet Height of Fluid Column 32.17 feet
 Total Depth 56.92 feet Volume in Well 5.46 gallons
 (3 Well Volumes = 16.40 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:43 9-9-13 Purged Method Bail

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|----------------------|
| 11:03 | 4 | 4 | 20.4 | 4341 | 6.41 | 218 | 3363 |
| 11:06 | 1 | 10 | 18.4 | 4402 | 6.40 | 217 | 3375 |
| 11:09 | 1 | 11 | 18.8 | 4400 | 6.40 | 212 | 3375 |
| 11:12 | 1 | 12 | 18.3 | 4394 | 6.49 | 211 | 3373 |
| 11:15 | 1 | 13 | 18.0 | 4399 | 6.36 | 207 | 3373 |
| 11:18 | 1 | 14 | 18.0 | 4415 | 6.30 | 203 | 3390 3390 |
| 11:21 | 1 | 15 | 17.9 | 4409 | 6.23 | 202 | 3393 |
| 11:24 | 1 | 16 | 18.1 | 4405 | 6.25 | 201 | 3388 |

Actual Purge Volume 16.5 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 11:24 9-9-13 Purged/Sampled By [Signature]

Sample Method Bail

Requested Analyses _____

Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DAD-16 Date Gauged 9-9-13
 Site _____ Time Gauged 11:33
 Depth to PSH _____ feet Well Diameter 2" inches
 Depth to Water 18.81 feet Height of Fluid Column 13.84 feet
 Total Depth 32.65 feet Volume in Well 2.35 gallons
 (3 Well Volumes = 7 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:37 9-9-13 Purged Method Bail

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|----------------------|------|----------|-----------|
| 11:40 | 1 | 1 | 20.4 | 3237 | 7.92 | 177 | 2407 |
| 11:43 | 1 | 2 | 19.3 | 3230 3230 | 7.49 | 184 | 2430 |
| 11:45 | 1 | 3 | 18.8 | 3300 | 7.18 | 189 | 2464 |
| 11:48 | 1 | 4 | 18.9 | 3339 | 7.08 | 190 | 2494 |
| 11:51 | 1 | 5 | 18.7 | 3367 | 6.97 | 192 | 2540 |
| 11:54 | 1 | 6 | 18.6 | 3421 | 6.86 | 192 | 2583 |
| 11:56 | 1 | 7 | 19.0 | 3298 | 6.84 | 191 | 2468 |

Actual Purge Volume 7 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 11:56 9-9-13 Purged/Sampled By JWG

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DAD-02 Date Gauged 9-9-13
 Site _____ Time Gauged 12:30
 Depth to PSH ~~28.00~~ feet Well Diameter 2" inches
 Depth to Water 65.50 feet Height of Fluid Column 2.25 feet
 Total Depth 67.83 feet Volume in Well 3825 gallons
 (3 Well Volumes = 1.14 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:35 9-9-13 Purged Method Bail

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 12:38 | 1.25 | 1.25 | 25.0 | 2269 | 7.63 | 206 | 1654 |
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Actual Purge Volume 1.25 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 12:38 9-9-13 Purged/Sampled By *JWG*

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DAD-14 Date Gauged 9-9-13
 Site _____ Time Gauged 13:35
 Depth to PSH 0 feet Well Diameter 2" inches
 Depth to Water 27.74 feet Height of Fluid Column 14.74 feet
 Total Depth 42.40 feet Volume in Well 2.50 gallons
 (3 Well Volumes = 7.5 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:38 9-9-13 Purged Method _____

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 13:42 | 1 | 1 | 21.5 | 5298 | 7.77 | 259 | 4169 |
| 13:45 | 1 | 2 | 21.5 | 5327 | 7.74 | 259 | 4162 |
| 13:48 | 1 | 3 | 20.8 | 5348 | 7.06 | 256 | 4186 |
| 13:51 | 1 | 4 | 20.8 | 5373 | 7.01 | 255 | 4219 |
| 13:54 | 1 | 5 | 20.4 | 5358 | 6.95 | 253 | 4188 |
| 13:57 | 1 | 6 | 20.5 | 5370 | 6.93 | 251 | 4208 |
| 14:00 | 1 | 7 | 20.7 | 5380 | 6.89 | 249 | 4206 |
| 14:01 | .5 | 7.5 | 20.5 | 5378 | 6.88 | 247 | 4208 |

Actual Purge Volume 7.5 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 14:01 9-9-13 Purged/Sampled By [Signature]

Sample Method Bnl

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 ga/ft

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DAD-11 Date Gauged 9-9-13
 Site _____ Time Gauged 14:07
 Depth to PSH _____ feet Well Diameter 2" inches
 Depth to Water 20.28 feet Height of Fluid Column 14.56 feet
 Total Depth 34.84 feet Volume in Well 2.47 gallons
 (3 Well Volumes = 7.42 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:10 9-9-13 Purged Method Boil

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 14:13 | 1 | 1 | 26.3 | 2808 | 7.14 | 200 | 2094 |
| 14:16 | 1 | 2 | 26.0 | 2854 | 7.35 | 177 | 2111 |
| 14:19 | 1 | 3 | 25.3 | 5440 | 6.86 | 175 | 4237 |
| 14:21 | 1 | 4 | 25.1 | 5620 | 6.68 | 177 | 4395 |
| 14:23 | 1 | 5 | 25.2 | 5771 | 6.58 | 177 | 4525 |
| 14:25 | 1 | 6 | 25.2 | 5790 | 6.49 | 172 | 4542 |
| 14:28 | 1 | 7 | 25.2 | 5919 | 6.42 | 168 | 4274 |
| 14:29 | .5 | 7.5 | 25.2 | 5421 | 6.36 | 140 | 4228 |

Actual Purge Volume 7.5 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 14:29 9-9-13 Purged/Sampled By [Signature]

Sample Method Boil

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DAS-13 Date Gauged 9-9-13
 Site _____ Time Gauged 14:38
 Depth to PSH _____ feet Well Diameter 2" inches
 Depth to Water 85.74 feet Height of Fluid Column 6.21 feet
 Total Depth 91.95 feet Volume in Well 1.05 gallons
 (3 Well Volumes = 3.16 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:40 9-9-13 Purged Method Bail

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-------------------------|-------------|------|----------|-----------|
| 14:43 | 1 | 1 | 25.2 25.4 | 3200 | 6.83 | 203 | 2388 |
| 14:46 | 1 | 2 | 25.5 | 3144 | 6.66 | 207 | 2328 |
| 14:50 | 1 | 3 | 25.4 | 3147 | 6.51 | 213 | 2324 |
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Actual Purge Volume 3 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 14:50 9-9-13 Purged/Sampled By July

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DAD-15 Date Gauged 9-10-13
 Site _____ Time Gauged 9:55
 Depth to PSH _____ feet Well Diameter 2" inches
 Depth to Water 95.09 feet Height of Fluid Column 13.96 feet
 Total Depth 109.05 feet Volume in Well 2.37 gallons
 (3 Well Volumes = 7.11 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:00 Purged Method Bail

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 10:04 | 1 | 1 | 24.0 | 2838 | 5.69 | 319 | 2121 |
| 10:08 | 1 | 2 | 23.9 | 2816 | 5.96 | 277 | 2101 |
| 10:12 | 1 | 3 | 23.8 | 2823 | 6.01 | 199 | 2109 |
| 10:16 | 1 | 4 | 23.8 | 2818 | 6.11 | 167 | 2102 |
| 10:20 | 1 | 5 | 23.7 | 2824 | 6.12 | 150 | 2107 |
| 10:24 | 1 | 6 | 23.7 | 2826 | 6.14 | 134 | 2109 |
| 10:28 | 1 | 7 | 23.7 | 2817 | 6.15 | 128 | 2103 |

Actual Purge Volume 7 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 10:28 9-10-13 Purged/Sampled By JMG

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 ga/ft

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DAD-03 Date Gauged 9-10-13
 Site _____ Time Gauged 10:36
 Depth to PSH _____ feet Well Diameter 2" inches
 Depth to Water 12.67 feet Height of Fluid Column .43 feet
 Total Depth 13.1 feet Volume in Well .0731 gallons
 (3 Well Volumes = .2193 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged NA Purged Method _____

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

Actual Purge Volume _____ gals Field Measurements stabilized within ± 10% _____
 Time/Date Sampled _____ Purged/Sampled By _____
 Sample Method _____
 Requested Analyses _____
 Comments/Observations well is dry

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DAD-1a Date Gauged 9-10-13
 Site _____ Time Gauged 10:50
 Depth to PSH _____ feet Well Diameter 2" inches
 Depth to Water 50.3 feet Height of Fluid Column 29.6 feet
 Total Depth 79.3 feet Volume in Well 4.93 gallons
 (3 Well Volumes = 14.79 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:00 Purged Method Bail

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 11:21 | 8 | 8 | 22.5 | 4377 | 7.42 | 209 | 3771 |
| 11:24 | 1 | 9 | 22.5 | 4376 | 6.86 | 211 | 3368 |
| 11:27 | 1 | 10 | 22.5 | 4360 | 6.71 | 213 | 3354 |
| 11:31 | 1 | 11 | 22.4 | 4356 | 6.62 | 214 | 3351 |
| 11:34 | 1 | 12 | 22.4 | 4358 | 6.43 | 215 | 3355 |
| 11:37 | 1 | 13 | 22.4 | 4357 | 6.41 | 215 | 3346 |
| 11:40 | 1 | 14 | 22.3 | 4344 | 6.38 | 215 | |
| 11:43 | 1 | 15 | 22.3 | 4346 | 6.35 | 213 | |

Actual Purge Volume 15 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 11:43 9-10-13 Purged/Sampled By Bail [Signature]

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID DAD-01 Date Gauged 9-10-13
 Site _____ Time Gauged 11:54
 Depth to PSH 0 feet Well Diameter 2" inches
 Depth to Water 71.06 feet Height of Fluid Column 5.09 feet
 Total Depth 76.15 feet Volume in Well .8653 gallons
 (3 Well Volumes = 2.59 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:58 9-10-13 Purged Method Bail

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 12:02 | 1 | 1 | 24.5 | 2628 | 7.36 | 216 | 1947 |
| 12:05 | 1 | 2 | 24.5 | 2646 | 6.93 | 219 | 1960 |
| 12:08 | 1 | 3 | 24.6 | 2561 | 6.81 | 222 | 1892 |
| | | | | | | | |
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Actual Purge Volume 3 gals Field Measurements stabilized within ± 10%
 Time/Date Sampled 12:08 Purged/Sampled By JWR
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations Very cloudy 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

6701 Aberdeen, Ste. 9
 Lubbock, TX 79424
 Tel (806) 794-1298
 Fax (806) 794-1298

155 McCutcheon, Ste. H, E1
 Paso, TX 79932
 Tel (915) 585-3443
 Fax (915) 585-4944

TraceAnalysis, Inc.
 Company Name: 915-859-8150
 D&H Petroleum & Environmental Services
 Address: (Street, City, Zip)
 1221 Tower Trail Ln, El Paso TX 79907
 Contact Person: Victor Ayala
 E-mail: vajala@dhpump.com

Project #: **422544**
 Project Name: **Joe Gonzalez 575-233-4801**
 Project Location (including state):
Gonzalez Dairy, PO Box 199, Mesquite, NM 88048
 Sampler Signature: *And HR*

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | Sampling | |
|----------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|-------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONF |
| 177-01 | | 1 | 250mL | X | | | | X | X | X | X | 8-13-13 | 13:24 |
| 177-01 | | 1 | 250mL | X | | | | X | X | X | X | 8-13-13 | 13:24 |
| 177-02 | | 1 | 250mL | X | | | | X | X | X | X | 8-13-13 | 14:21 |
| 177-02 | | 1 | 250mL | X | | | | X | X | X | X | 8-13-13 | 14:21 |
| 177-03 A | | 1 | 250mL | X | | | | X | X | X | X | 8-13-13 | 12:45 |
| 177-03 A | | 1 | 250mL | X | | | | X | X | X | X | 8-13-13 | 12:45 |
| 177-04 | | 1 | 250mL | X | | | | X | X | X | X | 8-13-13 | 11:34 |
| 177-04 | | 1 | 250mL | X | | | | X | X | X | X | 8-13-13 | 11:34 |
| 177-05 | | 1 | 250mL | X | | | | X | X | X | X | 8-13-13 | 10:32 |
| 177-05 | | 1 | 250mL | X | | | | X | X | X | X | 8-13-13 | 10:32 |
| 177-06 | | 1 | 250mL | X | | | | X | X | X | X | | |
| 177-06 | | 1 | 250mL | X | | | | X | X | X | X | | |
| 177-07 R | | 1 | 250mL | X | | | | X | X | X | X | 8-13-13 | 14:45 |
| 177-07 R | | 1 | 250mL | X | | | | X | X | X | X | 8-13-13 | 14:45 |

Relinquished By: *And HR* Date: **8-13-13** Time: **15:27**
 Received By: *James Kelly* Date: **8-13-13** Time: **15:27**
 Received at Laboratory: *James Kelly*
 Lab Use Only: Intact Y / N
 Headspace Y / N
 Temp **3/3** / **3** / **3**
 Log-in Review: **By File**
 Remarks: **NO, ITDS, C1 in EP**
By File
 Dry Weight Basis Required **By File**
 TRRP Report Required

ANALYSIS REQUEST

| | |
|--------------------------------------------------|---|
| MTBE 8021B/602 | |
| BTEX 8021B/602 | |
| TPH 418.1 / TX1005 | |
| TX 1005 Extended (C35) | |
| PAH 8270C | |
| PAH 8270 (Low Level Analysis) | |
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | X |
| Nitrates EPA 300 | X |
| TKN SM 4500 NORG C | X |
| Chloride EPA 300 | X |
| Total Dissolved Solids SM 2540 C MOD | X |

Turn Around Time

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 177-01 Date Gauged 8-13-13
 Site Gonzalez Time Gauged 12:53
 Depth to PSH _____ feet Well Diameter 24 inches
 Depth to Water 17.01 feet Height of Fluid Column 8.47 feet
 Total Depth 25.48 feet Volume in Well 5.57 gallons
 (3 Well Volumes = 16.7 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:58 8-13-13 Purged Method low flow pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 13:07 | 10 | 10 | 21.4 | 5953 | 7.55 | 182 | 4722 |
| 13:09 | 1 | 11 | 21.1 | 6003 | 7.26 | 188 | 4759 |
| 13:11 | 1 | 12 | 20.8 | 6016 | 7.14 | 189 | 4768 |
| 13:13 | 1 | 13 | 21.2 | 5983 | 7.03 | 192 | 4777 |
| 13:14 | 1 | 14 | 21.1 | 6151 | 7.21 | 191 | 4830 |
| 13:15 | 1 | 15 | 21.0 | 6092 | 7.05 | 195 | 4847 |
| 13:18 | 1 | 16 | 20.6 | 6074 | 6.99 | 194 | 4841 |
| 13:21 | 1 | 17 | 20.5 | 6120 | 6.87 | 196 | 4880 |

Actual Purge Volume 17 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 13:24 8-13-13 Purged/Sampled By Angel A. R.

Sample Method low flow 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 177-02 Date Gauged 8-13-13
 Site Gonzalez Time Gauged 13:50
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 18.22 feet Height of Fluid Column 7.03 feet
 Total Depth 25.31 feet Volume in Well 4.6 gallons
 (3 Well Volumes = 13.9 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:55 8-13-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|------------|
| 14:08 | 7 | 7 | 22.3 | 4390 | 7.63 | 201 | 3366 |
| 14:09 | 1 | 8 | 22.1 | 4359 | 7.17 | 204 | 3355 |
| 14:10 | 1 | 9 | 22.4 | 4313 | 7.11 | 207 | 3343 |
| 14:11 | 1 | 10 | 22.1 | 4427 | 7.13 | 204 | 3374 |
| 14:13 | 1 | 11 | 22.0 | 4382 | 7.20 | 205 | 3388 |
| 14:15 | 1 | 12 | 22.3 | 4430 | 7.15 | 206 | 3391 |
| 14:17 | 1 | 13 | 22.4 | 4403 | 7.05 | 205 | 3386 |
| 14:19 | 1 | 14 | 22.6 | 4389 | 6.89 | 210 | 3375 |

Actual Purge Volume 14 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 14:21 8-13-13 Purged/Sampled By Amal NA

Sample Method Bailer

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 177-02A Date Gauged 8-13-13
 Site Gonzalez Time Gauged 12:48
 Depth to PSH 0 feet Well Diameter 2 inches
 Depth to Water 19.98 feet Height of Fluid Column 15.62 feet
 Total Depth 35.60 feet Volume in Well 2.65 gallons
 (3 Well Volumes = 7.9 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:23 8-13-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TP5 DE (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 12:26 | 1 | 1 | 25.3 | 2757 | 7.81 | 168 | 2047 |
| 12:29 | 1 | 2 | 25.1 | 3236 | 7.21 | 142 | 2423 |
| 12:31 | 1 | 3 | 25.0 | 4287 | 7.03 | 112 | 3273 |
| 12:33 | 1 | 4 | 25.1 | 5244 | 6.90 | 95 | 4085 |
| 12:34 | 1 | 5 | 25.2 | 5642 | 6.81 | 90 | 4431 |
| 12:37 | 1 | 6 | 25.1 | 5715 | 6.70 | 87 | 4493 |
| 12:40 | 1 | 7 | 25.0 | 5744 | 6.68 | 82 | 4515 |
| 12:42 | 1 | 8 | 25.5 | 5773 | 6.60 | 86 | 4543 |

Actual Purge Volume 8 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 12:45 8-13-13 Purged/Sampled By And. H. H.

Sample Method Bailer

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 177-04 Date Gauged 8-13-13
 Site Guatemala Time Gauged 10:51
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 24.10 feet Height of Fluid Column 22.36 feet
 Total Depth 46.46 feet Volume in Well 14.75 gallons
 (3 Well Volumes = 44 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:55 8-13-13 Purged Method low flow pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TPS DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 11:15 | 37 | 37 | 22.1 | 5991 | 7.71 | 200 | 4778 |
| 11:18 | 1 | 38 | 21.8 | 5980 | 7.19 | 211 | 4750 |
| 10:20 | 1 | 39 | 21.3 | 5999 | 6.87 | 214 | 4760 |
| 10:22 | 1 | 40 | 21.4 | 6018 | 6.85 | 218 | 4766 |
| 11:24 | 1 | 41 | 21.5 | 6003 | 6.87 | 222 | 4779 |
| 11:21 | 1 | 42 | 21.8 | 6015 | 6.78 | 223 | 4762 |
| 11:29 | 1 | 43 | 21.3 | 6021 | 6.88 | 226 | 4775 |
| 11:32 | 1 | 44 | 21.4 | 6000 | 6.75 | 222 | 4770 |

Actual Purge Volume 44 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 11:34 8-13-13 Purged/Sampled By Amr nr

Sample Method low flow 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 177-05 Date Gauged 8-13-15
 Site Gonzalez Time Gauged 9:49
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 36.00 feet Height of Fluid Column 13.05 feet
 Total Depth 49.05 feet Volume in Well 8.61 gallons
 (3 Well Volumes = 25.8 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:51 8-13-15 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|--------------------------|
| 10:13 | 19 | 19 | 21.8 | 6293 | 7.33 | 307 | 4974 |
| 10:17 | 1 | 20 | 21.7 | 6189 | 7.22 | 260 | 4935 |
| 10:20 | 1 | 21 | 21.0 | 6271 | 7.13 | 249 | 4982 |
| 10:22 | 1 | 22 | 21.6 | 6247 | 7.00 | 252 | 4970 |
| 10:24 | 1 | 23 | 21.2 | 6309 | 7.10 | 244 | 5028 |
| 10:26 | 1 | 24 | 20.9 | 6434 | 7.22 | 243 | 5136 |
| 10:29 | 1 | 25 | 20.8 | 6570 | 7.11 | 244 | 5245 |
| 10:31 | 1 | 26 | 21.0 | 6589 | 6.91 | 246 | 5290 |

Actual Purge Volume 26 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 10:32 Purged/Sampled By Amel A. P...

Sample Method Bailer

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 177-06 Date Gauged 8-13-13
 Site Gonzalez Time Gauged 9:35
 Depth to PSH 4 feet Well Diameter 4 inches
 Depth to Water 5.111 feet Height of Fluid Column 0.74 feet
 Total Depth 51.85 feet Volume in Well 0.48 gallons
 (3 Well Volumes = 1.4 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:36 8-13-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO ^{TDS} (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|----|----------|-------------------------------------|
| | .5 | .5 | | | | | |
| | .5 | 1 | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 0 gals Field Measurements stabilized within ± 10% 0

Time/Date Sampled 0 0 Purged/Sampled By Angel h Ra

Sample Method 0

Requested Analyses _____

Comments/Observations not enough water to purge or 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 177-072 Date Gauged 8-13-13
 Site Gonzalez Time Gauged 14:27
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 45.48 feet Height of Fluid Column 6.75 feet
 Total Depth 54.23 feet Volume in Well 5.77 gallons
 (3 Well Volumes = 17.3 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:28 8-13-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 14:34 | 10 | 10 | 21.1 | 5120 | 7.53 | 204 | 3991 |
| 14:36 | 1 | 11 | 20.7 | 5109 | 7.41 | 207 | 3988 |
| 14:38 | 1 | 12 | 21.4 | 5121 | 7.20 | 215 | 3974 |
| 14:39 | 1 | 13 | 20.7 | 5131 | 7.11 | 238 | 4000 |
| 14:40 | 1 | 14 | 20.8 | 5109 | 7.00 | 239 | 3986 |
| 14:41 | 1 | 15 | 20.9 | 5125 | 7.25 | 241 | 3987 |
| 14:42 | 1 | 16 | 21.0 | 5108 | 7.13 | 240 | 3978 |
| 14:44 | 1 | 17 | 21.1 | 5076 | 6.97 | 252 | 4010 |

Actual Purge Volume 17 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 14:45 8-13-13 Purged/Sampled By Amel NA

Sample Method Bailer

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 ga/ft

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 70-01 Date Gauged 8-8-13
 Site Mountain View Time Gauged 13:42
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 34.19 feet Height of Fluid Column 11.21 feet
 Total Depth 45.48 feet Volume in Well 7.3 gallons
 (3 Well Volumes = 22 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:46 8-8-13 Purged Method Boiler

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 14:07 | 15 | 15 | 24.8 | 3999 | 7.92 | 294 | 3049 |
| 14:09 | 1 | 16 | 22.6 | 4061 | 7.52 | 288 | 3103 |
| 14:11 | 1 | 17 | 21.9 | 4092 | 7.39 | 280 | 3098 |
| 14:13 | 1 | 18 | 22.0 | 4066 | 7.22 | 263 | 3077 |
| 14:16 | 1 | 19 | 21.9 | 4089 | 7.07 | 264 | 3089 |
| 14:18 | 1 | 20 | 22.1 | 4055 | 6.84 | 258 | 3078 |
| 14:21 | 1 | 21 | 22.2 | 4079 | 6.96 | 260 | 3089 |
| 14:24 | 1 | 22 | 22.4 | 4097 | 6.76 | 263 | 3098 |

Actual Purge Volume 22 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 14:33 8-8-13 Purged/Sampled By Amel N. Pinner

Sample Method Boiler

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 7002 Date Gauged 8-9-13
 Site Mountain View Time Gauged 9:43
 Depth to PSH 4 feet Well Diameter 4 inches
 Depth to Water 43.87 feet Height of Fluid Column 5.58 feet
 Total Depth 49.45 feet Volume in Well 3.68 gallons
 (3 Well Volumes = 11 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:45 8-9-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 9:51 | 4 | 4 | 23.1 | 5109 | 7.28 | 196 | 3948 |
| 9:53 | 1 | 5 | 22.9 | 5097 | 7.43 | 194 | 3959 |
| 9:56 | 1 | 6 | 22.7 | 5086 | 7.49 | 207 | 3944 |
| 9:58 | 1 | 7 | 22.6 | 5115 | 7.45 | 222 | 3984 |
| 10:00 | 1 | 8 | 22.5 | 5087 | 7.50 | 237 | 3965 |
| 10:04 | 1 | 9 | 22.7 | 5066 | 7.41 | 249 | 3943 |
| 10:07 | 1 | 10 | 23.0 | 5056 | 7.35 | 256 | 3955 |
| 10:10 | 1 | 11 | 22.8 | 5095 | 7.24 | 266 | 3970 |

Actual Purge Volume 11 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 10:12 8-9-13 Purged/Sampled By Angel N. Rivera

Sample Method Bailer

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 70-03 Date Gauged 8-9-13
 Site Mountain View Time Gauged 8:39
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 54.52 feet Height of Fluid Column 10.68 feet
 Total Depth 65.20 feet Volume in Well 7.04 gallons
 (3 Well Volumes = 21 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 8:40am 8-9-13 Purged Method Boiler

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TPS DO (mg/L) |
|--------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 9:00am | 14 | 14 | 23.1 | 10.36 | 7.20 | 325 | 8705 |
| 9:03am | 1 | 15 | 22.3 | 10.83 | 7.19 | 292 | 9132 |
| 9:06am | 1 | 16 | 21.8 | 11.18 | 6.87 | 282 | 9421 |
| 9:09am | 1 | 17 | 21.3 | 11.77 | 6.77 | 275 | 10.01 |
| 9:12am | 1 | 18 | 21.1 | 12.13 | 6.71 | 271 | 10.34 |
| 9:15am | 1 | 19 | 21.0 | 12.21 | 6.63 | 268 | 10.44 |
| 9:17am | 1 | 20 | 20.9 | 12.34 | 6.54 | 266 | 10.63 |
| 9:20am | 1 | 21 | 21.0 | 12.29 | 6.55 | 217 | 10.84 |

Actual Purge Volume 21 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 9:22am 8-9-13 Purged/Sampled By Angel R. Rivera

Sample Method Boiler

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 70-04 Date Gauged 8-9-13
 Site Mountain View Time Gauged 11:16
 Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 32.01 feet Height of Fluid Column 15.85 feet
 Total Depth 47.86 feet Volume in Well 2.6 gallons
 (3 Well Volumes = 8 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:19 8-9-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TPD DOT (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-------------------|
| 11:23 | 1 | 1 | 23.9 | 4091 | 8.31 | 207 | 3112 |
| 11:25 | 1 | 2 | 23.3 | 4078 | 7.60 | 221 | 3103 |
| 11:27 | 1 | 3 | 23.4 | 4088 | 7.21 | 229 | 3100 |
| 11:29 | 1 | 4 | 23.0 | 4096 | 6.86 | 232 | 3116 |
| 11:31 | 1 | 5 | 23.1 | 4084 | 6.69 | 235 | 3103 |
| 11:33 | 1 | 6 | 24.5 | 4069 | 6.70 | 244 | 3080 |
| 11:35 | 1 | 7 | 24.0 | 4064 | 6.44 | 245 | 3098 |
| 11:37 | 1 | 8 | 24.1 | 4076 | 6.41 | 243 | 3086 |

Actual Purge Volume 8 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 11:40 8-9-13 Purged/Sampled By Amel H. Pae

Sample Method Bailer

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

6701 Aberdeen, Ste. 9
Lubbock, TX 79424
Tel (806) 794-1296
Fax (806) 794-1298

TraceAnalysis, Inc.

Phone #: 915-859-8150
Cell #:

Company Name:
D&H Petroleum & Environmental Services
Address: (Street, City, Zip)
1221 Tower Trail Ln., El Paso, Texas 79907

Contact Person:
Victor Ayala

Invoice to (if different from above):
Mountain View Dairy, P.O. Box 345, Mesquite, NM 88048
Project #: 422546
Project Name: John DeRuyter 575-233-3899
Mountain View Dairy

Sampler Signature: *John DeRuyter*

Project Location (including state):
Mountain View Dairy, 13090 Stern Drive, Mesquite, NM

| LAB # (LAB USE ONLY) | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | | DATE | Sampling TIME | |
|-------------------------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|-----|------|---------------|-------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | | | NONE |
| 70-01 | | 1 | | X | | | | X | | | X | | | | |
| 70-01 | | 1 | | X | | | | X | | | X | | | | |
| 70-02 | | 1 | 250ml | X | | | | X | | | X | | | 8-9-13 | 10:12 |
| 70-02 | | 1 | 250ml | X | | | | X | | | X | | | 8-9-13 | 10:12 |
| 70-03 | | 1 | 250ml | X | | | | X | | | X | | | 8-9-13 | 9:22 |
| 70-03 | | 1 | 250ml | X | | | | X | | | X | | | 8-9-13 | 9:22 |
| 70-04 | | 1 | 250ml | X | | | | X | | | X | | | 8-9-13 | 11:40 |
| 70-04 | | 1 | 250ml | X | | | | X | | | X | | | 8-9-13 | 11:40 |
| 70 Lagoon | | 1 | 250ml | X | | | | X | | | X | | | 8-9-13 | 10:44 |
| 70 Lagoon | | 1 | 250ml | X | | | | X | | | X | | | 8-9-13 | 10:44 |
| North Stormwater Lagoon | | 1 | 250ml | X | | | | X | | | X | | | 8-9-13 | 11:02 |
| North Stormwater Lagoon | | 1 | 250ml | X | | | | X | | | X | | | 8-9-13 | 11:02 |
| South Stormwater Lagoon | | 1 | 250ml | X | | | | X | | | X | | | 8-9-13 | 12:18 |
| South Stormwater Lagoon | | 1 | 250ml | X | | | | X | | | X | | | 8-9-13 | 12:18 |
| 70 Lagoon | | 1 | 250ml | X | | | | X | | | X | | | 8-9-13 | 10:44 |

ANALYSIS REQUEST

| | |
|--------------------------------------------------|---|
| MTBE 8021B/602 | |
| BTEX 8021B/602 | |
| TPH 418.1 / TX1005 | |
| TX 1005 Extended (C35) | |
| PAH 8270C | |
| PAH 8270 (Low Level Analysis) | |
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | X |
| Nitrates EPA 300.0 | X |
| Total Kjeldahl Nitrogen SM 4500 NORG C | X |
| Chloride EPA 300.0 | X |
| Total Dissolved Solids SM 2540 C MOD | X |
| Sulfate EPA Method 300.0 | X |
| Total Sulfur | |
| Turn Around Time | |
| Hold | |

Relinquished By: *John DeRuyter* Date: 8-9-13 Time: 1341
 Received at Laboratory By: *[Signature]* Date: 8-9-13 Time: 1341
 Relinquished By: *Victor Ayala* Date: 8-9-13 Time: 1341
 Received By: *[Signature]* Date: 8-9-13 Time: 1341

Lab Use Only
 Intact / N
 Headspace Y / N
 Temp 36.0 C Sec.
 Log-in Review _____

Remarks: SO₂, CO₂, Cl₂, TOS, etc. 5000
 Dry Weight Basis Required
 TRRP Report Required

Cory J. N.
15 Bottles

155 McCulloch, Ste. H El Paso, TX 79932
 Tel (915) 585-3443 Fax (915) 585-4944

TraceAnalysis, Inc.

Company Name: Phone #: 915-859-8150 Cell #: _____
 D&H Petroleum & Environmental Services
 Address: (Street, City, Zip) Fax #: _____
 1221 Tower Trail Ln., El Paso, Texas 79907 E-mail: vayala@dhpump.com
 Contact Person: Victor Ayala

Project Name: John DeRuyter 575-233-3899
 Mountain View Dairy
 Project #: **422546**
 Project Location (including state):
 Mountain View Dairy, 13090 Stern Drive, Mesquite, NM
 Sampler Signature: *Clad & P*

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | PRESERVATIVE METHOD | | | | | DATE | SAMPLING TIME | |
|------------------------------------|------------------------------------|--------------|---------------|--------------|--------------|--------------|---------------------|--------------|------------------|--------------------------------|--------------|--------------|---------------|--------------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | | | ICE |
| 70-01 | 70-01 | 1 | 1 | X | X | X | X | X | X | X | X | X | X | X |
| 70-01 | 70-01 | 1 | 1 | X | X | X | X | X | X | X | X | X | X | X |
| 70-02 | 70-02 | 1 | 1 | X | X | X | X | X | X | X | X | X | X | X |
| 70-02 | 70-02 | 1 | 1 | X | X | X | X | X | X | X | X | X | X | X |
| 70-03 | 70-03 | 1 | 1 | X | X | X | X | X | X | X | X | X | X | X |
| 70-03 | 70-03 | 1 | 1 | X | X | X | X | X | X | X | X | X | X | X |
| 70-04 | 70-04 | 1 | 1 | X | X | X | X | X | X | X | X | X | X | X |
| 70-04 | 70-04 | 1 | 1 | X | X | X | X | X | X | X | X | X | X | X |
| 70 Lagoon | 70 Lagoon | 1 | 1 | X | X | X | X | X | X | X | X | X | X | X |
| 70 Lagoon | 70 Lagoon | 1 | 1 | X | X | X | X | X | X | X | X | X | X | X |
| North Stormwater Lagoon | North Stormwater Lagoon | 1 | 1 | X | X | X | X | X | X | X | X | X | X | X |
| North Stormwater Lagoon | North Stormwater Lagoon | 1 | 1 | X | X | X | X | X | X | X | X | X | X | X |
| South Stormwater Lagoon | South Stormwater Lagoon | 1 | 1 | X | X | X | X | X | X | X | X | X | X | X |
| South Stormwater Lagoon | South Stormwater Lagoon | 1 | 1 | X | X | X | X | X | X | X | X | X | X | X |

ANALYSIS REQUEST

| | |
|--------------------------------------------------|---|
| MTBE 8021B/602 | |
| BTEX 8021B/602 | |
| TPH 418.1 / TX1005 | |
| TX 1005 Extended (C35) | |
| PAH 8270C | |
| PAH 8270 (Low Level Analysis) | |
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | X |
| Nitrates EPA 300 | X |
| Total Kjeldahl Nitrogen SM 4500 NORG C | X |
| Chloride EPA 300.0 | X |
| Total Dissolved Solids SM 2540 C MOD | X |
| Sulfate EPA Method 300.0 | X |
| Total Sulfur | |
| Turn Around Time | |
| Hold | |

Relinquished By: *Clad & P* Date: 8-9-13 Time: 13:41
 Received at Laboratory By: *[Signature]* Date: 8-9-13 Time: 13:41
 Relinquished By: *[Signature]* Date: 8-9-13 Time: 13:41
 Received at Laboratory By: *[Signature]* Date: 8-9-13 Time: 13:41

Lab Use Only
 Intact / N
 Headspace Y / N
 Temp / C
 Log-in Review

Remarks: NO₃, Cl, TDS, SO₄ on SP
 Dry Weight Basis Required
 TRRP Report Required

Company Name: TraceAnalysis, Inc. Phone #: 915-859-8150
 D&H Petroleum & Environmental Services Cell #:
 Address: (Street, City, Zip) 1221 Tower Trail Ln, El Paso TX 79907 Fax #:
 Contact Person: Victor Ayala E-mail: vajala@dhpump.com

Project #: 422547 Project Name: Bruce Bonestroo 575-233-2061
 Project Location (including state): River Valley Dairy, 1400 La Chuga Rd., Mesquite, NM
 River Valley Dairy, PO Box 1929, Anthony, NM 88021
 Sampler Signature: [Signature]

| LAB # (LAB USE ONLY) | Field Code | # Containers | Volume/Amount | MATRIX | | | PRESERVATIVE METHOD | | | | | DATE | TIME | Turn Around Time | |
|-------------------------|------------|--------------|---------------|--------|------|-----|---------------------|-----|------------------|--------------------------------|------|------|------|------------------|------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | | | | ICE |
| 167-01 | | 1 | | X | | | | X | | | X | | | | |
| 167-01 | | 1 | | X | | | | X | | | X | | | | |
| 167-01A | | 1 | | X | | | | X | | | X | | | 8-26-13 | 1420 |
| 167-01A | | 1 | | X | | | | X | | | X | | | 8-26-13 | 1420 |
| 167-02 | | 1 | | X | | | | X | | | X | | | | |
| 167-02 | | 1 | | X | | | | X | | | X | | | | |
| 167-03 | | 1 | | X | | | | X | | | X | | | 8-26-13 | 1246 |
| 167-03 | | 1 | | X | | | | X | | | X | | | 8-26-13 | 1246 |
| 167-04 | | 1 | | X | | | | X | | | X | | | 8-26-13 | 1128 |
| 167-04 | | 1 | | X | | | | X | | | X | | | 8-26-13 | 1128 |
| 167-05 | | 1 | | X | | | | X | | | X | | | 8-26-13 | 1501 |
| 167-05 | | 1 | | X | | | | X | | | X | | | 8-26-13 | 1501 |
| 167-06 | | 1 | | X | | | | X | | | X | | | 8-26-13 | 1007 |
| 167-06 | | 1 | | X | | | | X | | | X | | | 8-26-13 | 1007 |
| 167-07 | | 1 | | X | | | | X | | | X | | | 8-26-13 | 1347 |
| 167-07 | | 1 | | X | | | | X | | | X | | | 8-26-13 | 1347 |

ANALYSIS REQUEST

TX 1005 Extended (C35) TPH 418.1 / TX1005 BTEX 8021B/602 MTBE 8021B/602

PAH 8270C PAH 8270 (Low Level Analysis)

Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7

Nitrates EPA 300 TKN SM 4500 NORG C

Chloride EPA 300 Total Dissolved Solids SM 2540 C MOD

Hold

LAB Order ID #

Relinquished By: [Signature] Date: 8/26/13 Time: 4:09
 Received By: MR. TRIP Date: 8/26/13 Time: 16:05
 Relinquished By: [Signature] Date: 8/26/13 Time: 13:47
 Received By: [Signature] Date: 8/26/13 Time: 13:47

Lab Use Only
 Intact Y N
 Headspace Y N
 Temp 3/3
 Dry Weight Basis Required

Remarks: on ice
TKN - analysis in Lubbock

8701 Aberdeen, Ste. 9
Lubbock, TX 79424
Tel (806) 794-1296
Fax (806) 794-1298

TraceAnalysis, Inc.

Company Name: D&H Petroleum & Environmental Services
Address: (Street, City, Zip)
1221 Tower Trail Ln, El Paso TX 79907
Contact Person: Victor Ayala
Phone #: 915-859-8150
Cell #: _____
Fax #: _____
E-mail: vajala@dhpump.com

Project #: 422547
Project Name: River Valley Dairy, LLC
Sampler Signature: _____
Project Location (including state):
River Valley Dairy, PO Box 1929, Anthony, NM 88021
Bruce Bonestroo 575-233-2061

| LAB # (LAB USE ONLY) | Field Code | # Containers | Volume/Amount | MATRIX | | | PRESERVATIVE METHOD | | | | Sampling | | | | | |
|-------------------------|------------|--------------|---------------|--------|------|-----|---------------------|-----|------------------|--------------------------------|----------|-----|---------|-------|------|--|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICF | NONE | DATE | TIME | |
| 167-08 | | 1 | 250ml | X | | | | X | | X | | | | | | |
| 167-08 | | 1 | | X | | | | X | | X | | | | | | |
| 167-09 | | 1 | | X | | | | X | | X | | | 8-27-13 | 12:57 | | |
| 167-09 | | 1 | | X | | | | X | | X | | | 8-27-13 | 12:57 | | |
| 167 Lagoon | | 1 | | X | | | | X | | X | | | 8-27-13 | 10:30 | | |
| 167 Lagoon | | 1 | | X | | | | X | | X | | | 8-27-13 | 10:30 | | |
| 167-01 | | 1 | | X | | | | X | | X | | | 8-27-13 | 11:45 | | |
| 167-01 | | 1 | | X | | | | X | | X | | | 8-27-13 | 11:45 | | |

Relinquished By: [Signature] Date: 8/27/13 Time: 3:59 PM
Received at Laboratory By: Denny Dahl Date: 8-27-13 Time: 15:59
Lab Use Only: Intact
Headspace Y/N: N
Temp: R-1 4/3
Log-in Review: _____

Page 1 of 1
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
LAB Order ID # _____

| ANALYSIS REQUEST | MTBE 8021B/602 | BTEX 8021B/602 | TPH 418.1 / TX1005 | TX 1005 Extended (C35) | PAH 8270C | PAH 8270 (Low Level Analysis) | Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | Nitrates EPA 300 | TKN SM 4500 NORG C | Chloride EPA 300 | Total Dissolved Solids SM 2540 C MOD | Turn Around Time | Hold |
|------------------|----------------|----------------|--------------------|------------------------|-----------|-------------------------------|--------------------------------------------------|------------------|--------------------|------------------|--------------------------------------|------------------|------|
| | X | X | X | X | X | X | X | X | X | X | X | | |

Remarks: ICE
TKN @ Lubbock
Dry Weight Basis Required
TRRP Report Required

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 167-01 Date Gauged 8-26-13
 Site River Valley Time Gauged 1357
 Depth to PSH 8 feet Well Diameter 4 inches
 Depth to Water 20.74 feet Height of Fluid Column 86.43 feet
 Total Depth 107.19 feet Volume in Well 57.04 gallons
 (3 Well Volumes = 171.12 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:59 / 8-27-13 Purged Method Sampling pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1016 | 25 | 25 | 22.2 | 1638 | 7.14 | 178 | 1167 |
| 1029 | 25 | 50 | 22.5 | 1966 | 6.94 | 137 | 1424 |
| 1043 | 25 | 75 | 22.7 | 1992 | 6.70 | 84 | 1443 |
| 1058 | 25 | 100 | 22.7 | 2001 | 6.61 | 98 | 1452 |
| 1111 | 25 | 125 | 23.3 | 1998 | 6.57 | 98 | 1447 |
| 1126 | 25 | 150 | 25.6 | 2026 | 6.74 | 169 | 1469 |
| 1140 | 25 | 175 | 27.9 | 2063 | 6.71 | 169 | 1489 |
| | | | | | | | |

Actual Purge Volume 175 gals Field Measurements stabilized within ± 10%
 Time/Date Sampled 1145 / 8-27-13 Purged/Sampled By [Signature]
 Sample Method Sampling pump
 Requested Analyses _____
 Comments/Observations Water clear / no odor

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

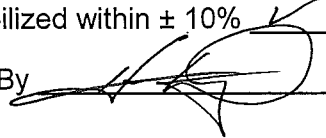
FLUID LEVEL DATA

Well ID 167-01A Date Gauged 8-26-13
 Site River Valley Time Gauged 14:05
 Depth to PSH 0 feet Well Diameter 2 inches
 Depth to Water 19.62 feet Height of Fluid Column 5.69 feet
 Total Depth 25.31 feet Volume in Well .97 gallons
 (3 Well Volumes = 2.91 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 8-26-13 Purged Method Barler

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1409 | 1 | 1 | 21.8 | 5286 | 7.03 | 50 | 4145 |
| 1414 | 1 | 2 | 21.3 | 5222 | 7.13 | 80 | 4088 |
| 1422 | 1 | 3 | 23.9 | 5219 | 6.65 | 101 | 4078 |
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Actual Purge Volume 3 gals Field Measurements stabilized within ± 10%
 Time/Date Sampled 1420 / 8-26-13 Purged/Sampled By 
 Sample Method Barler
 Requested Analyses _____
 Comments/Observations Water murky color

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 167-02 Date Gauged 8/23/13
 Site River Valley Time Gauged 12³⁰
 Depth to PSH 0 feet Well Diameter _____ inches
 Depth to Water 0 feet Height of Fluid Column 0 feet
 Total Depth _____ feet Volume in Well 0 gallons
 (3 Well Volumes = 0 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged n/a Purged Method _____

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

Actual Purge Volume n/a gals Field Measurements stabilized within ± 10%
 Time/Date Sampled n/a Purged/Sampled By [Signature]
 Sample Method n/a
 Requested Analyses n/a
 Comments/Observations Well is dry

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 167-03 Date Gauged 8-26-13
 Site River Valley Time Gauged 11:55
 Depth to PSH 6 feet Well Diameter 4 inches
 Depth to Water 27.10 feet Height of Fluid Column 27.71 feet
 Total Depth 48.80 feet Volume in Well 18.29 gallons
 (3 Well Volumes = 54.87 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1210 / 8-26-13 Purged Method Sampling pump

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1215 | 10 | 10 | 23.7 | 3636 | 7.05 | 263 | 2744 |
| 1223 | 10 | 20 | 24.1 | 3687 | 6.41 | 237 | 2762 |
| 1231 | 10 | 30 | 25.2 | 3695 | 6.48 | 220 | 2783 |
| 1238 | 10 | 40 | 24.8 | 3705 | 6.57 | 213 | 2783 |
| 1242 | 10 | 50 | 24.9 | 3696 | 6.82 | 217 | 2786 |
| 1245 | 5 | 55 | 24.9 | 3667 | 6.38 | 216 | 2773 |
| | | | | | | | |
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Actual Purge Volume 55 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 1246 / 8-26-13 Purged/Sampled By [Signature]

Sample Method Sampling pump

Requested Analyses _____

Comments/Observations Water clear

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 167-04 Date Gauged 8-26-13
 Site River Valley Time Gauged 10:34
 Depth to PSH 0 feet Well Diameter 2 inches
 Depth to Water 27.51 feet Height of Fluid Column 1.84 feet
 Total Depth 29.35 feet Volume in Well .31 gallons
 (3 Well Volumes = 1 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged _____ Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1054 | 1 | 1 | 25.4 | 5707 | 7.37 | 197 | 4514 |
| | 1 | 1 | | | | | |
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Actual Purge Volume 1.0 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 11.28 / 8-26-13 Purged/Sampled By [Signature]

Sample Method Bailer

Requested Analyses _____

Comments/Observations Barely had enough water to collect 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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 167-05 Date Gauged 8-26-13
 Site River Valley Time Gauged 1441
 Depth to PSH 0 feet Well Diameter 2 inches
 Depth to Water 16.70 feet Height of Fluid Column 5.22 feet
 Total Depth 21.92 feet Volume in Well .88 gallons
 (3 Well Volumes = 2.67 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 8-26-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1451 | 1 | 1 | 22.4 | 4976 | 6.68 | 112 | 3885 |
| 1455 | 1 | 2 | 21.3 | 4825 | 6.83 | 132 | 3761 |
| 1503 | 1 | 3 | 22.4 | 4774 | 6.89 | 155 | 3710 |
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Actual Purge Volume 3 gals Field Measurements stabilized within ± 10%
 Time/Date Sampled 1501 / 8-26-13 Purged/Sampled By [Signature]
 Sample Method Bailer
 Requested Analyses _____
 Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 167-06 Date Gauged 8-26-13
 Site River Valley Dairy Time Gauged 9:40
 Depth to PSH 0 feet Well Diameter 2 inches
 Depth to Water 32.59 feet Height of Fluid Column 3.06 feet
 Total Depth 35.65 feet Volume in Well .52 gallons
 (3 Well Volumes = 1.56 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:48/ Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 9:57 | 1 | 1 | 22.9 | 4327 | 6.89 | 147 | 3334 |
| 10:09 | 1 | 2 | 22.8 | 4273 | 6.53 | 160 | 3269 |
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Actual Purge Volume 2 gals Field Measurements stabilized within ± 10%
 Time/Date Sampled 1007/8-26-13 Purged/Sampled By [Signature]
 Sample Method Bailer
 Requested Analyses _____
 Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 167-07 Date Gauged 8-26-13
 Site River Valley Time Gauged 1:25
 Depth to PSH 0 feet Well Diameter 2 inches
 Depth to Water 18.65 feet Height of Fluid Column 6.55 feet
 Total Depth 25.20 feet Volume in Well 1.11 gallons
 (3 Well Volumes = 3.33 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 130 / 8-26-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1337 | 1 | 1 | 22.6 | 10.06 | 6.58 | -201 | 8412 |
| 1341 | 1 | 2 | 22.5 | 7463 | 6.61 | -137 | 6028 |
| 1347 | 1 | 3 | 23.1 | 6376 | 6.47 | -147 | 5645 |
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Actual Purge Volume 3 gals Field Measurements stabilized within ± 10%
 Time/Date Sampled 1347 / 8-26-13 Purged/Sampled By [Signature]
 Sample Method Bailer
 Requested Analyses _____
 Comments/Observations _____

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 167-08 Date Gauged 8/27/13
 Site River Valley Time Gauged 1402

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 18.29 feet Height of Fluid Column 12.5 feet
 Total Depth 30.79 feet Volume in Well 2.13 gallons
 (3 Well Volumes = 6 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1410 / 8-27-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|----|----------|-----------|
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Actual Purge Volume 0 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 8-27-13 Purged/Sampled By [Signature]

Sample Method _____

Requested Analyses _____

Comments/Observations Was not able to put the bailer in well. there is some kind of obstruction

* Note pvc is bent not allowing bailer to enter

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 167-09 Date Gauged 8-27-13
 Site River Valley Time Gauged 12:32

Depth to PSH 0 feet Well Diameter 2 inches
 Depth to Water 16.18 feet Height of Fluid Column 2.57 feet
 Total Depth 18.75 feet Volume in Well .24 gallons
 (3 Well Volumes = 1.32 gallons)

GROUNDWATER SAMPLING DATA


Time/date Purged 1249 / 8-27-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1252 | 1 | 1 | 21.7 | 4543 | 6.52 | 192 | 3519 |
| 1257 | 1 | 2 | 22.4 | 4673 | 6.49 | 196 | 3621 |
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Actual Purge Volume 2 gals Field Measurements stabilized within ± 10%
 Time/Date Sampled 1257 / 8-27-13 Purged/Sampled By [Signature]
 Sample Method Bailer
 Requested Analyses _____
 Comments/Observations _____

TraceAnalysis, Inc.

Company Name: D&H Petroleum & Environmental Services
Address: (Street, City, Zip) 1221 Tower Trail Ln, El Paso TX 79907
Contact Person: Victor Ayala
Phone #: 915-859-8150
Cell #:
Fax #:
E-mail: vajala@dhpump.com

Project Name: Ed DeRuyter 575-233-2029
Project #: 422549
Project Location (including state): Sunset Dairy, 1790
Sampler Signature: 

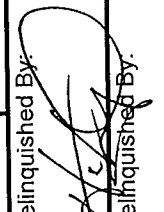
| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | SAMPLING | |
|------------|------------|--------------|---------------|--------|-----|--------|-----|---------------------|--------------------------------|------|-----|----------|------|
| | | | | WATER | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE |
| 257-01 | | 1 | 250ml | X | | | X | X | X | X | X | 8-28-13 | 1345 |
| 257-01 | | 1 | | X | | | X | X | X | X | X | 8-28-13 | 1345 |
| 257-02 | | 1 | | X | | | X | X | X | X | X | 8-28-13 | 1309 |
| 257-02 | | 1 | | X | | | X | X | X | X | X | 8-28-13 | 1309 |
| 257-03 | | 1 | | X | | | X | X | X | X | X | 8-28-13 | 1158 |
| 257-03 | | 1 | | X | | | X | X | X | X | X | 8-28-13 | 1158 |
| 257/260-01 | | 1 | | X | | | X | X | X | X | X | 8-28-13 | 1123 |
| 257/260-01 | | 1 | | X | | | X | X | X | X | X | 8-28-13 | 1123 |
| 257 Lagoon | | 1 | | X | | | X | X | X | X | X | 8-28-13 | 1409 |
| 257 Lagoon | | 1 | | X | | | X | X | X | X | X | 8-28-13 | 1409 |

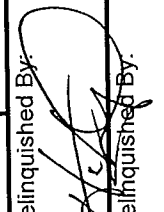
ANALYSIS REQUEST

| | |
|--------------------------------------------------|---|
| MTBE 8021B/602 | |
| BTEX 8021B/602 | |
| TPH 418.1 / TX1005 | |
| TX 1005 Extended (C35) | |
| PAH 8270C | |
| PAH 8270 (Low Level Analysis) | |
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | |
| Nitrates EPA 300 | X |
| TKN SM 4500 NORG C | X |
| Chloride EPA 300 | X |
| Total Dissolved Solids SM 2540 C MOD | X |

Lab Use Only

Intact Y N
 Headspace Y N
 Temp 12-2 4/4
 Log-in Review

Relinquished By:  Date: 8/28/13 Time: 1505

Relinquished By:  Date: 8-28-13 Time: 15:05

Received By: Danny d. H. Date: 8-28-13 Time: 15:05

Remarks: ICE
 CARRY IN 2
 TKN E BLUBACK
 Dry Weight Basis Required
 TRRP Report Required

(10)

MONITOR WELL SAMPLING FIELD FORM

SITE NAME: _____

SITE ADDRESS: _____

FLUID LEVEL DATA

Well ID 257-01 Date Gauged 8-28-13

Site Sunset Time Gauged 1330

Depth to PSH 6 feet Well Diameter 2 inches

Depth to Water 23.17 feet Height of Fluid Column 2.78 feet

Total Depth 25.95 feet Volume in Well .47 gallons

(3 Well Volumes = 1.41 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 8-28-13

Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 139 | 1 | 1 | 22.5 | 4793 | 7.10 | 171 | 3724 |
| 1345 | 1 | 2 | 22.0 | 4740 | 6.88 | 172 | 3688 |
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Actual Purge Volume 2.8 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 1345 / 8-28-13 Purged/Sampled By [Signature]

Sample Method Bailer

Requested Analyses _____

Comments/Observations Water murky color

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 SAMPLING FIELD FORM

SITE NAME: 25710

SITE ADDRESS: _____

FLUID LEVEL DATA

Well ID 257-02 Date Gauged 8-28-13

Site Sunset Time Gauged 1253

Depth to PSH 0 feet Well Diameter 2 inches

Depth to Water 17.28 feet Height of Fluid Column 3.42 feet

Total Depth 20.70 feet Volume in Well .58 gallons

(3 Well Volumes = 1.74 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1300 / 8-28-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 1302 | 1 | 1 | 23.5 | 2504 | 6.99 | 178 | 1848 |
| 1309 | 1 | 2 | 23.2 | 2927 | 6.78 | 188 | 2171 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 2 gals Field Measurements stabilized within ± 10%

Time/Date Sampled 1309 / 8-28-13 Purged/Sampled By [Signature]

Sample Method Bailer

Requested Analyses _____

Comments/Observations Water murky color

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 257-03 Date Gauged 8-28-13
 Site Sunset Time Gauged 1135
 Depth to PSH 0 feet Well Diameter 2 inches
 Depth to Water 12.78 feet Height of Fluid Column .93 feet
 Total Depth 13.71 feet Volume in Well .16 gallons
 (3 Well Volumes = 1 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1142 / 8-28-13 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | TDS DO (mg/L) |
|------|-----------------|-----------------------|-----------|-------------|------|----------|---------------|
| 1154 | 1 | 1 | 24.4 | 3585 | 6.45 | 166 | 2697 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume _____ gals Field Measurements stabilized within ± 10%
 Time/Date Sampled 1158 / 8-28-13 Purged/Sampled By [Signature]
 Sample Method Bailer
 Requested Analyses _____
 Comments/Observations Water clear

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

ATTACHMENT E
MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID 257/260-01 Date Gauged 8-28-13
 Site Sunset Time Gauged 10:40
 Depth to PSH 0 feet Well Diameter 4 inches
 Depth to Water 14.73 feet Height of Fluid Column 5.6 feet
 Total Depth 20.33 feet Volume in Well 3.70 gallons
 (3 Well Volumes = 11 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1055 Purged Method Bailer

| Time | Purge Vol (gal) | Cumul Purge Vol (gal) | Temp (°C) | SpC (µs/cm) | pH | ORP (mV) | DO (mg/L) |
|-------|-----------------|-----------------------|-----------|-------------|------|----------|-----------|
| 10:58 | 5 | 5 | 22.3 | 3675 | 6.80 | 165 | 2775 |
| 11:15 | 5 | 10 | 21.2 | 3753 | 6.67 | 149 | 2845 |
| 11:21 | 1 | 11 | 20.9 | 3779 | 6.52 | 155 | 2874 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Actual Purge Volume 11 gals Field Measurements stabilized within ± 10%
 Time/Date Sampled 1123/8-28-13 Purged/Sampled By [Signature]
 Sample Method Bailer
 Requested Analyses _____
 Comments/Observations Clear, cool water some visible particles

APPENDIX B
ANALYTICAL LABORATORY REPORTS
(Electronic Format – CD)



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
200 East Sunset Road, Suite E El Paso, Texas 79922 915-585-3443 FAX 915-585-4944
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(BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972-242-7750
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Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

John DeRuyter
Mountain View Dairy
13090 Stern Drive
P.O. Box 345
Mesquite, NM, 88048

Report Date: August 15, 2013

Work Order: 13080843



DP: 70
Project Location: 13090 Stern Dr., Mesquite, NM
Project Name: Mountain View Dairy

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 338112 | 70-01 | water | 2013-08-08 | 14:33 | 2013-08-08 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 15 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Report Contents

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Case Narrative

Samples for project Mountain View Dairy were received by TraceAnalysis, Inc. on 2013-08-08 and assigned to work order 13080843. Samples for work order 13080843 were received intact at a temperature of 1.0 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|------------|---------------------|----------|---------------------|
| Chloride (IC) | E 300.0 | 88058 | 2013-08-09 at 19:19 | 103929 | 2013-08-09 at 19:19 |
| NO3 (IC) | E 300.0 | 88058 | 2013-08-09 at 19:19 | 103929 | 2013-08-09 at 19:19 |
| SO4 (IC) | E 300.0 | 88058 | 2013-08-09 at 19:19 | 103929 | 2013-08-09 at 19:19 |
| TDS | SM 2540C | 88112 | 2013-08-12 at 14:00 | 103990 | 2013-08-12 at 14:00 |
| TKN | SM 4500-NH3 B,C | 88178 | 2013-08-14 at 17:00 | 104066 | 2013-08-14 at 21:30 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13080843 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 338112 - 70-01

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103929 Date Analyzed: 2013-08-09 Analyzed By: JR
 Prep Batch: 88058 Sample Preparation: 2013-08-09 Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 638 | 638 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338112 - 70-01

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103929 Date Analyzed: 2013-08-09 Analyzed By: JR
 Prep Batch: 88058 Sample Preparation: 2013-08-09 Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Nitrate-N | | 1 | 22.8 | 22.8 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338112 - 70-01

Laboratory: El Paso
 Analysis: SO4 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103929 Date Analyzed: 2013-08-09 Analyzed By: JR
 Prep Batch: 88058 Sample Preparation: 2013-08-09 Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Sulfate | | 1 | 494 | 494 | <1.10 | mg/L | 50 | 1.10 | 2.5 | 0.0219 |

Sample: 338112 - 70-01

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 103990 Date Analyzed: 2013-08-12 Analyzed By: MC
 Prep Batch: 88112 Sample Preparation: 2013-08-12 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-------------|-------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2670 | 2670 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338112 - 70-01

Laboratory: Lubbock

Analysis: TKN

QC Batch: 104066

Prep Batch: 88178

Analytical Method: SM 4500-NH3 B,C

Date Analyzed: 2013-08-14

Sample Preparation: 2013-08-14

Prep Method: N/A

Analyzed By: SAS

Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|-------------|-------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 2.80 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 103929
Prep Batch: 88058Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 103929
Prep Batch: 88058Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)

QC Batch: 103929
Prep Batch: 88058Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Sulfate | | 1 | <0.0219 | mg/L | 0.0219 |

Method Blank (1)

QC Batch: 103990
Prep Batch: 88112Date Analyzed: 2013-08-12
QC Preparation: 2013-08-12Analyzed By: MC
Prepared By: MC

| Parameter | F | C | Result | Units | Reporting Limits |
|------------------------|---|---|--------|-------|------------------|
| Total Dissolved Solids | | 1 | <2.50 | mg/L | 2.5 |

Method Blank (1)

QC Batch: 104066
Prep Batch: 88178

Date Analyzed: 2013-08-14
QC Preparation: 2013-08-14

Analyzed By: SAS
Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Duplicate (2) Duplicated Sample: 338185

QC Batch: 103990
Prep Batch: 88112

Date Analyzed: 2013-08-12
QC Preparation: 2013-08-12

Analyzed By: MC
Prepared By: MC

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|------------------|---------------|-------|----------|-----|-----------|
| Total Dissolved Solids | | 1 | 6900 | 7150 | mg/L | 1 | 4 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 103929
Prep Batch: 88058Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Chloride | | 1 | 24.1 | mg/L | 1 | 25.0 | <0.0195 | 96 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | Dil. | | | | | | |
| Chloride | | 1 | 24.1 | mg/L | 1 | 25.0 | <0.0195 | 96 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 103929
Prep Batch: 88058Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Nitrate-N | | 1 | 4.85 | mg/L | 1 | 5.00 | <0.0327 | 97 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | Dil. | | | | | | |
| Nitrate-N | | 1 | 4.86 | mg/L | 1 | 5.00 | <0.0327 | 97 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 103929
Prep Batch: 88058Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|---------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Sulfate | | 1 | 24.3 | mg/L | 1 | 25.0 | <0.0219 | 97 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|---------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Sulfate | | 1 | 24.3 | mg/L | 1 | 25.0 | <0.0219 | 97 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 103990
Prep Batch: 88112

Date Analyzed: 2013-08-12
QC Preparation: 2013-08-12

Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit |
|------------------------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|
| | | | Result | Units | | | | | |
| Total Dissolved Solids | | 1 | 992 | mg/L | 1 | 1000 | <2.50 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Total Dissolved Solids | | 1 | 962 | mg/L | 1 | 1000 | <2.50 | 96 | 90 - 110 | 3 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104066
Prep Batch: 88178

Date Analyzed: 2013-08-14
QC Preparation: 2013-08-14

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 46.2 | mg/L | 1 | 50.0 | <1.66 | 92 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 45.5 | mg/L | 1 | 50.0 | <1.66 | 91 | 79.2 - 115 | 2 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338112

QC Batch: 103929
Prep Batch: 88058

Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 2090 | mg/L | 55.6 | 1390 | 638 | 104 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | | 1 | 2090 | mg/L | 55.6 | 1390 | 638 | 104 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338112

QC Batch: 103929 Date Analyzed: 2013-08-09 Analyzed By: JR
Prep Batch: 88058 QC Preparation: 2013-08-09 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 296 | mg/L | 55.6 | 278 | 22.8 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Nitrate-N | | 1 | 294 | mg/L | 55.6 | 278 | 22.8 | 98 | 90 - 110 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338112

QC Batch: 103929 Date Analyzed: 2013-08-09 Analyzed By: JR
Prep Batch: 88058 QC Preparation: 2013-08-09 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|---------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Sulfate | | 1 | 1890 | mg/L | 55.6 | 1390 | 494 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|---------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Sulfate | | 1 | 1890 | mg/L | 55.6 | 1390 | 494 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338112

QC Batch: 104066
Prep Batch: 88178

Date Analyzed: 2013-08-14
QC Preparation: 2013-08-14

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 49.0 | mg/L | 1 | 50.0 | 2.8 | 92 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|---------------|------------|--------------|----|
| Total Kjeldahl Nitrogen - N | | 2 | 46.9 | mg/L | 1 | 50.0 | 2.8 | 88 | 58.1 - 115 | 4 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 103929

Date Analyzed: 2013-08-09

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 23.7 | 95 | 90 - 110 | 2013-08-09 |

Standard (CCV-1)

QC Batch: 103929

Date Analyzed: 2013-08-09

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.84 | 97 | 90 - 110 | 2013-08-09 |

Standard (CCV-1)

QC Batch: 103929

Date Analyzed: 2013-08-09

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|---------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Sulfate | | 1 | mg/L | 25.0 | 23.9 | 96 | 90 - 110 | 2013-08-09 |

Standard (CCV-2)

QC Batch: 103929

Date Analyzed: 2013-08-09

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.1 | 96 | 90 - 110 | 2013-08-09 |

Standard (CCV-2)

QC Batch: 103929

Date Analyzed: 2013-08-09

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.92 | 98 | 90 - 110 | 2013-08-09 |

Standard (CCV-2)

QC Batch: 103929

Date Analyzed: 2013-08-09

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|---------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Sulfate | | 1 | mg/L | 25.0 | 24.4 | 98 | 90 - 110 | 2013-08-09 |

Standard (ICV-1)

QC Batch: 104066

Date Analyzed: 2013-08-14

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-08-14 |

Standard (CCV-1)

QC Batch: 104066

Date Analyzed: 2013-08-14

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.62 | 92 | 85 - 115 | 2013-08-14 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike | |
|---------------|-----------------|--------|------------|-----------------------------|--------|------|
| | | | | | Amount | Pass |
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.0500 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0833 | Pass |
| SO4 (IC) | E 300.0 | water | Dionex IC | Sulfate | 0.0500 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

13080843

6701 Aberdeen, Ste. 9 Lubbock, TX 79424 Tel (806) 794-1296 Fax (806) 794-1298
TraceAnalysis, Inc.
 155 McCutcheon, Ste. H El Paso, TX 79932 Tel (915) 585-3443 Fax (915) 585-4944
 Page 1 of 1
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: **D&H Petroleum & Environmental Services**
 Address: (Street, City, Zip) **1221 Tower Trail Ln., El Paso, Texas 79907**
 Contact Person: **Victor Ayala**
 Phone #: **915-859-8150**
 Cell #: **915-859-8150**
 Fax #: **915-859-8150**
 E-mail: **vayala@dhpump.com**

Project Name: **Mountain View Dairy**
 Project #: **422546**
 Project Location (including state): **Mountain View Dairy, P.O. Box 345, Mesquite, NM 88048**
 Sampler Signature: *[Signature]*

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | SAMPLING | | | |
|-------------------------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|------|--------|-------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME |
| 338/12-170-01 | | 1 | 250ml | X | | | | X | | | | X | | 8-8-13 | 14:33 |
| 1-270-01 | | 1 | 250ml | X | | | | X | | | | X | | 8-8-13 | 14:33 |
| 70-02 | | 1 | | X | | | | X | | | | X | | | |
| 70-02 | | 1 | | X | | | | X | | | | X | | | |
| 70-03 | | 1 | | X | | | | X | | | | X | | | |
| 70-03 | | 1 | | X | | | | X | | | | X | | | |
| 70-04 | | 1 | | X | | | | X | | | | X | | | |
| 70-04 | | 1 | | X | | | | X | | | | X | | | |
| 70 Lagoon | | 1 | | X | | | | X | | | | X | | | |
| 70 Lagoon | | 1 | | X | | | | X | | | | X | | | |
| North Stormwater Lagoon | | 1 | | X | | | | X | | | | X | | | |
| North Stormwater Lagoon | | 1 | | X | | | | X | | | | X | | | |
| South Stormwater Lagoon | | 1 | | X | | | | X | | | | X | | | |
| South Stormwater Lagoon | | 1 | | X | | | | X | | | | X | | | |

Relinquished By: *[Signature]* Date: **8-8-13** Time: **15:00**
 Relinquished By: *[Signature]* Date: **8-8-13** Time: **14:30**
 Received By: *[Signature]* Date: **8-8-13** Time: **15:00**
 Received at Laboratory By: *[Signature]* Date: **8-8-13** Time: **15:00**
 Date: **8-8-13** Time: **8:40**
 Lab Use Only
 Intact / N
 Headspace Y / N
 Temp **12-1** / **21**
 Log-in Review *[Signature]*

ANALYSIS REQUEST

| | |
|--------------------------------------------------|---|
| MTBE 8021B/602 | |
| BTEX 8021B/602 | |
| TPH 418.1 / TX1005 | |
| TX 1005 Extended (C35) | |
| PAH 8270C | |
| PAH 8270 (Low Level Analysis) | |
| Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 | X |
| Nitrates EPA 300 | X |
| Total Kjeldahl Nitrogen SM 4500 NORG C | X |
| Chloride EPA 300.0 | X |
| Total Dissolved Solids SM 2540 C MOD | X |
| Sulfate EPA Method 300.0 | X |
| Total Sulfur | |
| Turn Around Time | |
| Hold | |

Remarks: **ICE**
2 samples with 2pkts include what tk & Lubricant
Chumley, No. TX by E.P.
Dry Weight Basis Required
TRRP Report Required
100 ml bottle
100 ml bottle



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
200 East Sunset Road, Suite E El Paso, Texas 79922 915-585-3443 FAX 915-585-4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432-689-6301 FAX 432-689-6313
(BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972-242-7750
E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Linda Armstrong
Del Norte Dairy, LLC
12560 Stern Drive
P. O. Box 10
Mesquite, NM, 88048

Report Date: August 27, 2013

Work Order: 13081223



DP: 126
Project Location: Del Norte Dairy, 12560 Stern Dr., Mesquite, NM
Project Name: Daybreak Dairy

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 338344 | 126-4 | water | 2013-08-12 | 10:27 | 2013-08-12 |
| 338345 | 126-5 | water | 2013-08-12 | 13:03 | 2013-08-12 |
| 338346 | 126-7 | water | 2013-08-12 | 10:58 | 2013-08-12 |
| 338347 | 126-9 | water | 2013-08-12 | 14:42 | 2013-08-12 |
| 338348 | 126-12 | water | 2013-08-12 | 13:49 | 2013-08-12 |
| 338349 | 126-13 | water | 2013-08-12 | 09:53 | 2013-08-12 |
| 338350 | 126-Lagoon | water | 2013-08-12 | 11:21 | 2013-08-12 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 29 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project Daybreak Dairy were received by TraceAnalysis, Inc. on 2013-08-12 and assigned to work order 13081223. Samples for work order 13081223 were received intact at a temperature of 3 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|---------------|---------------------|-------------|---------------------|
| Chloride (IC) | E 300.0 | 88418 | 2013-08-13 at 19:22 | 104340 | 2013-08-13 at 19:22 |
| Chloride (IC) | E 300.0 | 88419 | 2013-08-13 at 23:27 | 104341 | 2013-08-13 at 23:27 |
| Chloride (IC) | E 300.0 | 88429 | 2013-08-14 at 14:48 | 104348 | 2013-08-14 at 14:48 |
| NO3 (IC) | E 300.0 | 88418 | 2013-08-13 at 19:22 | 104340 | 2013-08-13 at 19:22 |
| NO3 (IC) | E 300.0 | 88419 | 2013-08-13 at 23:27 | 104341 | 2013-08-13 at 23:27 |
| NO3 (IC) | E 300.0 | 88429 | 2013-08-14 at 14:48 | 104348 | 2013-08-14 at 14:48 |
| TDS | SM 2540C | 88236 | 2013-08-13 at 13:00 | 104136 | 2013-08-13 at 13:00 |
| TKN | SM 4500-NH3 B,C | 88479 | 2013-08-26 at 11:00 | 104416 | 2013-08-26 at 18:00 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13081223 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 338344 - 126-4

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104340 Date Analyzed: 2013-08-13 Analyzed By: JR
 Prep Batch: 88418 Sample Preparation: 2013-08-13 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|------------|------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 511 | 511 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338344 - 126-4

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104340 Date Analyzed: 2013-08-13 Analyzed By: JR
 Prep Batch: 88418 Sample Preparation: 2013-08-13 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-------------|-------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 15.3 | 15.3 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338344 - 126-4

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104136 Date Analyzed: 2013-08-13 Analyzed By: MC
 Prep Batch: 88236 Sample Preparation: 2013-08-13 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-------------|-------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2170 | 2170 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338344 - 126-4

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104416 Date Analyzed: 2013-08-26 Analyzed By: SAS
 Prep Batch: 88479 Sample Preparation: 2013-08-26 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | | 2 | 18.2 | 18.2 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338345 - 126-5

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104340 Date Analyzed: 2013-08-13 Analyzed By: JR
 Prep Batch: 88418 Sample Preparation: 2013-08-13 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 594 | 594 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338345 - 126-5

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104340 Date Analyzed: 2013-08-13 Analyzed By: JR
 Prep Batch: 88418 Sample Preparation: 2013-08-13 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 33.9 | 33.9 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338345 - 126-5

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104136 Date Analyzed: 2013-08-13 Analyzed By: MC
 Prep Batch: 88236 Sample Preparation: 2013-08-13 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2920 | 2920 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338345 - 126-5

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104416 Date Analyzed: 2013-08-26 Analyzed By: SAS
 Prep Batch: 88479 Sample Preparation: 2013-08-26 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|-------------|-------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 4.20 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338346 - 126-7

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104341 Date Analyzed: 2013-08-13 Analyzed By: JR
 Prep Batch: 88419 Sample Preparation: 2013-08-13 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|------------|------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 586 | 586 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338346 - 126-7

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104341 Date Analyzed: 2013-08-13 Analyzed By: JR
 Prep Batch: 88419 Sample Preparation: 2013-08-13 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|-------------|-------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 23.5 | 23.5 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338346 - 126-7

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104136 Date Analyzed: 2013-08-13 Analyzed By: MC
 Prep Batch: 88236 Sample Preparation: 2013-08-13 Prepared By: MC

continued . . .

sample 338346 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 2410 | 2410 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338346 - 126-7

Laboratory: Lubbock

Analysis: TKN

QC Batch: 104416

Prep Batch: 88479

Analytical Method: SM 4500-NH3 B,C

Date Analyzed: 2013-08-26

Sample Preparation: 2013-08-26

Prep Method: N/A

Analyzed By: SAS

Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 5.60 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338347 - 126-9

Laboratory: El Paso

Analysis: Chloride (IC)

QC Batch: 104341

Prep Batch: 88419

Analytical Method: E 300.0

Date Analyzed: 2013-08-13

Sample Preparation: 2013-08-13

Prep Method: N/A

Analyzed By: JR

Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 937 | 937 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338347 - 126-9

Laboratory: El Paso

Analysis: NO3 (IC)

QC Batch: 104341

Prep Batch: 88419

Analytical Method: E 300.0

Date Analyzed: 2013-08-13

Sample Preparation: 2013-08-13

Prep Method: N/A

Analyzed By: JR

Prepared By: JR

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Nitrate-N | J | 1 | 2.13 | <2.50 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338347 - 126-9

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104136 Date Analyzed: 2013-08-13 Analyzed By: MC
 Prep Batch: 88236 Sample Preparation: 2013-08-13 Prepared By: MC

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 2710 | 2710 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338347 - 126-9

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104416 Date Analyzed: 2013-08-26 Analyzed By: SAS
 Prep Batch: 88479 Sample Preparation: 2013-08-26 Prepared By: SAS

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 5.60 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338348 - 126-12

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104341 Date Analyzed: 2013-08-13 Analyzed By: JR
 Prep Batch: 88419 Sample Preparation: 2013-08-13 Prepared By: JR

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 434 | 434 | <0.195 | mg/L | 10 | 0.195 | 2.5 | 0.0195 |

Sample: 338348 - 126-12

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104341 Date Analyzed: 2013-08-13 Analyzed By: JR
 Prep Batch: 88419 Sample Preparation: 2013-08-13 Prepared By: JR

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 17.0 | 17.0 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338348 - 126-12

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104136 Date Analyzed: 2013-08-13 Analyzed By: MC
 Prep Batch: 88236 Sample Preparation: 2013-08-13 Prepared By: MC

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2400 | 2400 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338348 - 126-12

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104416 Date Analyzed: 2013-08-26 Analyzed By: SAS
 Prep Batch: 88479 Sample Preparation: 2013-08-26 Prepared By: SAS

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|-----|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | | 3 2 | 4.20 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338349 - 126-13

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104348 Date Analyzed: 2013-08-14 Analyzed By: JR
 Prep Batch: 88429 Sample Preparation: 2013-08-14 Prepared By: JR

continued ...

sample 338349 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 780 | 780 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338349 - 126-13

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104348 Date Analyzed: 2013-08-14 Analyzed By: JR
 Prep Batch: 88429 Sample Preparation: 2013-08-14 Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Nitrate-N | H | 1 | 26.8 | 26.8 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338349 - 126-13

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104136 Date Analyzed: 2013-08-13 Analyzed By: MC
 Prep Batch: 88236 Sample Preparation: 2013-08-13 Prepared By: MC

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 2800 | 2800 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338349 - 126-13

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104416 Date Analyzed: 2013-08-26 Analyzed By: SAS
 Prep Batch: 88479 Sample Preparation: 2013-08-26 Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 3.50 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338350 - 126-Lagoon

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104348 Date Analyzed: 2013-08-14 Analyzed By: JR
 Prep Batch: 88429 Sample Preparation: 2013-08-14 Prepared By: JR

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 787 | 787 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338350 - 126-Lagoon

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104348 Date Analyzed: 2013-08-14 Analyzed By: JR
 Prep Batch: 88429 Sample Preparation: 2013-08-14 Prepared By: JR

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|-----|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | H,U | 1 | <0.164 | <2.50 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338350 - 126-Lagoon

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104136 Date Analyzed: 2013-08-13 Analyzed By: MC
 Prep Batch: 88236 Sample Preparation: 2013-08-13 Prepared By: MC

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 4180 | 4180 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338350 - 126-Lagoon

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104416 Date Analyzed: 2013-08-26 Analyzed By: SAS
 Prep Batch: 88479 Sample Preparation: 2013-08-26 Prepared By: SAS

continued ...

sample 338350 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-----|---------------------|---------------------|
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-----|---------------------|---------------------|

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | | 2 | 328 | 328 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 104136
Prep Batch: 88236Date Analyzed: 2013-08-13
QC Preparation: 2013-08-13Analyzed By: MC
Prepared By: MC

| Parameter | F | C | Result | Units | Reporting Limits |
|------------------------|---|---|--------|-------|------------------|
| Total Dissolved Solids | | 1 | <2.50 | mg/L | 2.5 |

Method Blank (1)

QC Batch: 104340
Prep Batch: 88418Date Analyzed: 2013-08-13
QC Preparation: 2013-08-13Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 104340
Prep Batch: 88418Date Analyzed: 2013-08-13
QC Preparation: 2013-08-13Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)

QC Batch: 104341
Prep Batch: 88419Date Analyzed: 2013-08-13
QC Preparation: 2013-08-13Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)QC Batch: 104341
Prep Batch: 88419Date Analyzed: 2013-08-13
QC Preparation: 2013-08-13Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)QC Batch: 104348
Prep Batch: 88429Date Analyzed: 2013-08-14
QC Preparation: 2013-08-14Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)QC Batch: 104348
Prep Batch: 88429Date Analyzed: 2013-08-14
QC Preparation: 2013-08-14Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)QC Batch: 104416
Prep Batch: 88479Date Analyzed: 2013-08-26
QC Preparation: 2013-08-26Analyzed By: SAS
Prepared By: SAS

Report Date: August 27, 2013

Work Order: 13081223
Daybreak Dairy

Page Number: 17 of 29
Del Norte Dairy, 12560 Stern Dr., Mesquite, NM

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Duplicate (1) Duplicated Sample: 338350

QC Batch: 104136
Prep Batch: 88236

Date Analyzed: 2013-08-13
QC Preparation: 2013-08-13

Analyzed By: MC
Prepared By: MC

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|------------------|---------------|-------|----------|-----|-----------|
| Total Dissolved Solids | | 1 | 4360 | 4180 | mg/L | 1 | 4 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104136
Prep Batch: 88236

Date Analyzed: 2013-08-13
QC Preparation: 2013-08-13

Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Dissolved Solids | | 1 | 1010 | mg/L | 1 | 1000 | <2.50 | 101 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Total Dissolved Solids | | 1 | 974 | mg/L | 1 | 1000 | <2.50 | 97 | 90 - 110 | 4 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104340
Prep Batch: 88418

Date Analyzed: 2013-08-13
QC Preparation: 2013-08-13

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 24.0 | mg/L | 1 | 25.0 | <0.0195 | 96 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | | 1 | 24.0 | mg/L | 1 | 25.0 | <0.0195 | 96 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104340
Prep Batch: 88418

Date Analyzed: 2013-08-13
QC Preparation: 2013-08-13

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 4.80 | mg/L | 1 | 5.00 | <0.0327 | 96 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 4.81 | mg/L | 1 | 5.00 | <0.0327 | 96 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104341
Prep Batch: 88419

Date Analyzed: 2013-08-13
QC Preparation: 2013-08-13

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 24.2 | mg/L | 1 | 25.0 | <0.0195 | 97 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 24.2 | mg/L | 1 | 25.0 | <0.0195 | 97 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104341
Prep Batch: 88419

Date Analyzed: 2013-08-13
QC Preparation: 2013-08-13

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 1 | 4.82 | mg/L | 1 | 5.00 | <0.0327 | 96 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 4.82 | mg/L | 1 | 5.00 | <0.0327 | 96 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104348
Prep Batch: 88429

Date Analyzed: 2013-08-14
QC Preparation: 2013-08-14

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 24.4 | mg/L | 1 | 25.0 | <0.0195 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit |
|----------|---|---|----------------|-------|------|-----------------|------------------|---------------|----------|--------------|
| Chloride | | 1 | 24.4 | mg/L | 1 | 25.0 | <0.0195 | 98 | 90 - 110 | 0 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104348
Prep Batch: 88429

Date Analyzed: 2013-08-14
QC Preparation: 2013-08-14

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 4.94 | mg/L | 1 | 5.00 | <0.0327 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|----------------|-------|------|-----------------|------------------|---------------|----------|--------------|
| Nitrate-N | | 1 | 4.95 | mg/L | 1 | 5.00 | <0.0327 | 99 | 90 - 110 | 0 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104416
Prep Batch: 88479

Date Analyzed: 2013-08-26
QC Preparation: 2013-08-26

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 48.3 | mg/L | 1 | 50.0 | <1.66 | 97 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|----------------|-------|------|-----------------|------------------|---------------|------------|--------------|
| Total Kjeldahl Nitrogen - N | | 2 | 47.6 | mg/L | 1 | 50.0 | <1.66 | 95 | 79.2 - 115 | 1 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338344QC Batch: 104340
Prep Batch: 88418Date Analyzed: 2013-08-13
QC Preparation: 2013-08-13Analyzed By: JR
Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 1940 | mg/L | 55.6 | 1390 | 511 | 103 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 1920 | mg/L | 55.6 | 1390 | 511 | 101 | 90 - 110 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338344QC Batch: 104340
Prep Batch: 88418Date Analyzed: 2013-08-13
QC Preparation: 2013-08-13Analyzed By: JR
Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 1 | 286 | mg/L | 55.6 | 278 | 15.3 | 97 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 284 | mg/L | 55.6 | 278 | 15.3 | 97 | 90 - 110 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338348QC Batch: 104341
Prep Batch: 88419Date Analyzed: 2013-08-13
QC Preparation: 2013-08-13Analyzed By: JR
Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 1810 | mg/L | 55.6 | 1390 | 434 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 1810 | mg/L | 55.6 | 1390 | 434 | 99 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338348

QC Batch: 104341 Date Analyzed: 2013-08-13 Analyzed By: JR
Prep Batch: 88419 QC Preparation: 2013-08-13 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|-----------|-------|------|--------------|---------------|------|------------|
| Nitrate-N | | 1 | 288 | mg/L | 55.6 | 278 | 17 | 97 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|------------|-------|------|--------------|---------------|------|------------|-----|-----------|
| Nitrate-N | | 1 | 287 | mg/L | 55.6 | 278 | 17 | 97 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338349

QC Batch: 104348 Date Analyzed: 2013-08-14 Analyzed By: JR
Prep Batch: 88429 QC Preparation: 2013-08-14 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|-----------|-------|------|--------------|---------------|------|------------|
| Chloride | | 1 | 2290 | mg/L | 55.6 | 1390 | 780 | 109 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|------------|-------|------|--------------|---------------|------|------------|-----|-----------|
| Chloride | | 1 | 2280 | mg/L | 55.6 | 1390 | 780 | 108 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338349

QC Batch: 104348 Date Analyzed: 2013-08-14 Analyzed By: JR
Prep Batch: 88429 QC Preparation: 2013-08-14 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|-----------|-------|------|--------------|---------------|------|------------|
| Nitrate-N | | 1 | 306 | mg/L | 55.6 | 278 | 26.8 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike | Matrix | Rec. | | RPD | |
|-----------|---|---|--------|-------|------|--------|--------|------|----------|-----|-------|
| | | | Result | Units | | Amount | Result | Rec. | Limit | RPD | Limit |
| Nitrate-N | | 1 | 305 | mg/L | 55.6 | 278 | 26.8 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338350

QC Batch: 104416
Prep Batch: 88479

Date Analyzed: 2013-08-26
QC Preparation: 2013-08-26

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | MS | | Dil. | Spike | Matrix | Rec. | | RPD | |
|-----------------------------|---|---|--------|-------|------|--------|--------|------|------------|-----|-------|
| | | | Result | Units | | Amount | Result | Rec. | Limit | RPD | Limit |
| Total Kjeldahl Nitrogen - N | | 2 | 374 | mg/L | 1 | 50.0 | 328 | 92 | 58.1 - 115 | | |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike | Matrix | Rec. | | RPD | |
|-----------------------------|---|---|--------|-------|------|--------|--------|------|------------|-----|-------|
| | | | Result | Units | | Amount | Result | Rec. | Limit | RPD | Limit |
| Total Kjeldahl Nitrogen - N | | 2 | 384 | mg/L | 1 | 50.0 | 328 | 112 | 58.1 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 104340

Date Analyzed: 2013-08-13

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 23.7 | 95 | 90 - 110 | 2013-08-13 |

Standard (CCV-1)

QC Batch: 104340

Date Analyzed: 2013-08-13

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.80 | 96 | 90 - 110 | 2013-08-13 |

Standard (CCV-2)

QC Batch: 104340

Date Analyzed: 2013-08-13

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.2 | 97 | 90 - 110 | 2013-08-13 |

Standard (CCV-2)

QC Batch: 104340

Date Analyzed: 2013-08-13

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.89 | 98 | 90 - 110 | 2013-08-13 |

Standard (CCV-1)

QC Batch: 104341

Date Analyzed: 2013-08-13

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.2 | 97 | 90 - 110 | 2013-08-13 |

Standard (CCV-1)

QC Batch: 104341

Date Analyzed: 2013-08-13

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.89 | 98 | 90 - 110 | 2013-08-13 |

Standard (CCV-2)

QC Batch: 104341

Date Analyzed: 2013-08-13

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.4 | 98 | 90 - 110 | 2013-08-13 |

Standard (CCV-2)

QC Batch: 104341

Date Analyzed: 2013-08-13

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.05 | 101 | 90 - 110 | 2013-08-13 |

Standard (CCV-1)

QC Batch: 104348

Date Analyzed: 2013-08-14

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.6 | 98 | 90 - 110 | 2013-08-14 |

Standard (CCV-1)

QC Batch: 104348

Date Analyzed: 2013-08-14

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.01 | 100 | 90 - 110 | 2013-08-14 |

Standard (CCV-2)

QC Batch: 104348

Date Analyzed: 2013-08-14

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.7 | 99 | 90 - 110 | 2013-08-14 |

Standard (CCV-2)

QC Batch: 104348

Date Analyzed: 2013-08-14

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.05 | 101 | 90 - 110 | 2013-08-14 |

Standard (ICV-1)

QC Batch: 104416

Date Analyzed: 2013-08-26

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-08-26 |

Standard (CCV-1)

QC Batch: 104416

Date Analyzed: 2013-08-26

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-08-26 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike | |
|---------------|-----------------|--------|------------|-----------------------------|--------|------|
| | | | | | Amount | Pass |
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.0500 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0833 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

TraceAnalysis, Inc.

Company Name: D&H Petroleum & Environmental Services
Address: (Street, City, Zip) 1221 Tower Trail Ln., El Paso, Texas 79907
Contact Person: Victor Ayala
Phone #: 915-859-8150
Cell #:
Fax #:
E-mail: vayala@dhpump.com

Project #: 422536
Project Name: Linda Armstrong 575-233-3620
Daybreak Dairy
Sampler Signature: *Chad N. H.*

Project Location (including state): Del Norte Dairy, 12560 Stern Drive, Mesquite, NM

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | SAMPLING | | | |
|-----------------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|------|---------|-------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME |
| 338344-126-4 | | 1 | 250ml | X | | | | X | X | X | X | | | 8-12-13 | 10:27 |
| 1-2 126-4 | | 1 | 250ml | X | | | | X | X | X | X | | | 8-12-13 | 10:27 |
| 45-1 126-5 | | 1 | 250ml | X | | | | X | X | X | X | | | 8-12-13 | 13:03 |
| 1-2 126-5 | | 1 | 250ml | X | | | | X | X | X | X | | | 8-12-13 | 13:03 |
| 46-1 126-7 | | 1 | 250ml | X | | | | X | X | X | X | | | 8-12-13 | 10:58 |
| 1-2 126-7 | | 1 | 250ml | X | | | | X | X | X | X | | | 8-12-13 | 10:58 |
| 47-1 126-9 | | 1 | 250ml | X | | | | X | X | X | X | | | 8-12-13 | 14:42 |
| 1-2 126-9 | | 1 | 250ml | X | | | | X | X | X | X | | | 8-12-13 | 14:42 |
| 48-1 126-12 | | 1 | 150ml | X | | | | X | X | X | X | | | 8-12-13 | 13:49 |
| 1-2 126-12 | | 1 | 250ml | X | | | | X | X | X | X | | | 8-12-13 | 13:49 |
| 48 126-13 | | 1 | 250ml | X | | | | X | X | X | X | | | 8-12-13 | 9:53 |
| 1 126-13 | | 1 | 250ml | X | | | | X | X | X | X | | | 8-12-13 | 9:53 |
| 50-1 126 Lagoon | | 1 | 250ml | X | | | | X | X | X | X | | | 8-12-13 | 11:21 |
| 1-2 126 Lagoon | | 1 | 250ml | X | | | | X | X | X | X | | | 8-12-13 | 11:21 |

ANALYSIS REQUEST

MTBE 8021B/602
BTEX 8021B/602
TPH 418.1 / TX1005
TX 1005 Extended (C35)
PAH 8270C
PAH 8270 (Low Level Analysis)
Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7
Nitrates EPA 300
Total Kjeldahl Nitrogen SM 4500 NORG C
Chloride EPA 300.0
Total Dissolved Solids SM 2540 C MOD
Phosphorus SM 4500

Turn Around Time

Hold

Relinquished By: *Chad N. H.* Date: 8-12-13 Time: 15:15
 Received By: *Danny deH. T.A.* Date: 8-12-13 Time: 15:15

Relinquished By: *Danny deH. T.A.* Date: 8-12-13 Time: 16:30
 Received By: *Brenda Ward* Date: 8/13/13 Time: 9:15

Lab Use Only
 Intaq (Y/N)
 Headspace Y/N
 Temp *REL 37*
 Log-in Review *✓*

Remarks: *Results within 10 business days*

Dry Weight Basis Required
 TRRP Report Required



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
 200 East Sunset Road, Suite E El Paso, Texas 79922 915-585-3443 FAX 915-585-4944
 5002 Basin Street, Suite A1 Midland, Texas 79703 432-689-6301 FAX 432-689-6313
 (BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972-242-7750
 E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Tim Hyde
 Bright Star Dairy
 13520 Stern Dr.
 P.O. Box 167
 Mesquite, NM, 88048

Report Date: August 27, 2013

Work Order: 13080844



DP: 340
 Project Location: 13520 Stern Dr, Mesquite, NM
 Project Name: Bright Star Dairy

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 338113 | 340-1 | water | 2013-08-08 | 10:59 | 2013-08-08 |
| 338114 | 340-2 | water | 2013-08-08 | 11:53 | 2013-08-08 |
| 338115 | 70/86/360 | water | 2013-08-08 | 10:05 | 2013-08-08 |
| 338116 | 86/340 | water | 2013-08-08 | 09:01 | 2013-08-08 |
| 338117 | 340 Lagoon | water | 2013-08-08 | 13:02 | 2013-08-08 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 26 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

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|-------------------------------------|----|
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Case Narrative

Samples for project Bright Star Dairy were received by TraceAnalysis, Inc. on 2013-08-08 and assigned to work order 13080844. Samples for work order 13080844 were received intact at a temperature of 1.0 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|------------|---------------------|----------|---------------------|
| Chloride (IC) | E 300.0 | 88058 | 2013-08-09 at 19:19 | 103929 | 2013-08-09 at 19:19 |
| Chloride (IC) | E 300.0 | 88059 | 2013-08-09 at 23:40 | 103930 | 2013-08-09 at 23:40 |
| Chloride (IC) | E 300.0 | 88418 | 2013-08-13 at 19:22 | 104340 | 2013-08-13 at 19:22 |
| NO3 (IC) | E 300.0 | 88058 | 2013-08-09 at 19:19 | 103929 | 2013-08-09 at 19:19 |
| NO3 (IC) | E 300.0 | 88059 | 2013-08-09 at 23:40 | 103930 | 2013-08-09 at 23:40 |
| NO3 (IC) | E 300.0 | 88418 | 2013-08-13 at 19:22 | 104340 | 2013-08-13 at 19:22 |
| TDS | SM 2540C | 88112 | 2013-08-12 at 14:00 | 103990 | 2013-08-12 at 14:00 |
| TKN | SM 4500-NH3 B,C | 88474 | 2013-08-26 at 11:00 | 104409 | 2013-08-26 at 17:00 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13080844 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

This report contains 2 analytes that have been manually integrated.

| Sample | Analyte | Flag | Comment |
|-----------------|---------|------|---------------------------------------|
| 1. 103930 MSD-1 | Sulfate | MI1 | Split peak or shoulder peak |
| 2. 103930 MSD-1 | Sulfate | MI2 | Instrument software did not integrate |

Analytical Report

Sample: 338113 - 340-1

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103929 Date Analyzed: 2013-08-09 Analyzed By: JR
 Prep Batch: 88058 Sample Preparation: 2013-08-09 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 694 | 694 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338113 - 340-1

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103929 Date Analyzed: 2013-08-09 Analyzed By: JR
 Prep Batch: 88058 Sample Preparation: 2013-08-09 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 28.6 | 28.6 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338113 - 340-1

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 103990 Date Analyzed: 2013-08-12 Analyzed By: MC
 Prep Batch: 88112 Sample Preparation: 2013-08-12 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2000 | 2000 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338113 - 340-1

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104409 Date Analyzed: 2013-08-26 Analyzed By: SAS
 Prep Batch: 88474 Sample Preparation: 2013-08-26 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 4.90 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338114 - 340-2

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103929 Date Analyzed: 2013-08-09 Analyzed By: JR
 Prep Batch: 88058 Sample Preparation: 2013-08-09 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 794 | 794 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338114 - 340-2

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103929 Date Analyzed: 2013-08-09 Analyzed By: JR
 Prep Batch: 88058 Sample Preparation: 2013-08-09 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 80.2 | 80.2 | <0.327 | mg/L | 10 | 0.327 | 0.5 | 0.0327 |

Sample: 338114 - 340-2

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 103990 Date Analyzed: 2013-08-12 Analyzed By: MC
 Prep Batch: 88112 Sample Preparation: 2013-08-12 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 3180 | 3180 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338114 - 340-2

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104409 Date Analyzed: 2013-08-26 Analyzed By: SAS
 Prep Batch: 88474 Sample Preparation: 2013-08-26 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 4.90 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338115 - 70/86/360

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104340 Date Analyzed: 2013-08-13 Analyzed By: JR
 Prep Batch: 88418 Sample Preparation: 2013-08-13 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 2190 | 2190 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338115 - 70/86/360

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104340 Date Analyzed: 2013-08-13 Analyzed By: JR
 Prep Batch: 88418 Sample Preparation: 2013-08-13 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | H | 1 | 15.1 | 15.1 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338115 - 70/86/360

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 103990 Date Analyzed: 2013-08-12 Analyzed By: MC
 Prep Batch: 88112 Sample Preparation: 2013-08-12 Prepared By: MC

continued . . .

sample 338115 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 6920 | 6920 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338115 - 70/86/360

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104409 Date Analyzed: 2013-08-26 Analyzed By: SAS
 Prep Batch: 88474 Sample Preparation: 2013-08-26 Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 3.50 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338116 - 86/340

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103930 Date Analyzed: 2013-08-09 Analyzed By: JR
 Prep Batch: 88059 Sample Preparation: 2013-08-09 Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 720 | 720 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338116 - 86/340

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103930 Date Analyzed: 2013-08-09 Analyzed By: JR
 Prep Batch: 88059 Sample Preparation: 2013-08-09 Prepared By: JR

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Nitrate-N | | 1 | 12.1 | 12.1 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338116 - 86/340

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 103990 Date Analyzed: 2013-08-12 Analyzed By: MC
 Prep Batch: 88112 Sample Preparation: 2013-08-12 Prepared By: MC

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 3230 | 3230 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338116 - 86/340

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104409 Date Analyzed: 2013-08-26 Analyzed By: SAS
 Prep Batch: 88474 Sample Preparation: 2013-08-26 Prepared By: SAS

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 2.10 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338117 - 340 Lagoon

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103930 Date Analyzed: 2013-08-09 Analyzed By: JR
 Prep Batch: 88059 Sample Preparation: 2013-08-09 Prepared By: JR

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 1270 | 1270 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338117 - 340 Lagoon

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103930 Date Analyzed: 2013-08-09 Analyzed By: JR
 Prep Batch: 88059 Sample Preparation: 2013-08-09 Prepared By: JR

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | J | 1 | 2.32 | <2.50 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338117 - 340 Lagoon

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 103990 Date Analyzed: 2013-08-12 Analyzed By: MC
 Prep Batch: 88112 Sample Preparation: 2013-08-12 Prepared By: MC

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 7660 | 7660 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338117 - 340 Lagoon

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104409 Date Analyzed: 2013-08-26 Analyzed By: SAS
 Prep Batch: 88474 Sample Preparation: 2013-08-26 Prepared By: SAS

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | | 2 | 314 | 314 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 103929
Prep Batch: 88058Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 103929
Prep Batch: 88058Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)

QC Batch: 103930
Prep Batch: 88059Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 103930
Prep Batch: 88059Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)QC Batch: 103990
Prep Batch: 88112Date Analyzed: 2013-08-12
QC Preparation: 2013-08-12Analyzed By: MC
Prepared By: MC

| Parameter | F | C | Result | Units | Reporting Limits |
|------------------------|---|---|--------|-------|------------------|
| Total Dissolved Solids | | 1 | <2.50 | mg/L | 2.5 |

Method Blank (1)QC Batch: 104340
Prep Batch: 88418Date Analyzed: 2013-08-13
QC Preparation: 2013-08-13Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)QC Batch: 104340
Prep Batch: 88418Date Analyzed: 2013-08-13
QC Preparation: 2013-08-13Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)QC Batch: 104409
Prep Batch: 88474Date Analyzed: 2013-08-26
QC Preparation: 2013-08-26Analyzed By: SAS
Prepared By: SAS

Report Date: August 27, 2013

Work Order: 13080844
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13520 Stern Dr, Mesquite, NM

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Duplicate (2) Duplicated Sample: 338185

QC Batch: 103990

Date Analyzed: 2013-08-12

Analyzed By: MC

Prep Batch: 88112

QC Preparation: 2013-08-12

Prepared By: MC

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|------------------|---------------|-------|----------|-----|-----------|
| Total Dissolved Solids | | 1 | 6900 | 7150 | mg/L | 1 | 4 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 103929
Prep Batch: 88058Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Chloride | | 1 | 24.1 | mg/L | 1 | 25.0 | <0.0195 | 96 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | Dil. | | | | | | |
| Chloride | | 1 | 24.1 | mg/L | 1 | 25.0 | <0.0195 | 96 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 103929
Prep Batch: 88058Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Nitrate-N | | 1 | 4.85 | mg/L | 1 | 5.00 | <0.0327 | 97 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | Dil. | | | | | | |
| Nitrate-N | | 1 | 4.86 | mg/L | 1 | 5.00 | <0.0327 | 97 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 103930
Prep Batch: 88059Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Chloride | | 1 | 24.4 | mg/L | 1 | 25.0 | <0.0195 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 24.5 | mg/L | 1 | 25.0 | <0.0195 | 98 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 103930
Prep Batch: 88059

Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 1 | 4.92 | mg/L | 1 | 5.00 | <0.0327 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 4.92 | mg/L | 1 | 5.00 | <0.0327 | 98 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 103990
Prep Batch: 88112

Date Analyzed: 2013-08-12
QC Preparation: 2013-08-12

Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Dissolved Solids | | 1 | 992 | mg/L | 1 | 1000 | <2.50 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Total Dissolved Solids | | 1 | 962 | mg/L | 1 | 1000 | <2.50 | 96 | 90 - 110 | 3 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104340
Prep Batch: 88418

Date Analyzed: 2013-08-13
QC Preparation: 2013-08-13

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 24.0 | mg/L | 1 | 25.0 | <0.0195 | 96 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit |
|----------|---|---|----------------|-------|------|-----------------|------------------|---------------|----------|--------------|
| Chloride | | 1 | 24.0 | mg/L | 1 | 25.0 | <0.0195 | 96 | 90 - 110 | 0 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104340
Prep Batch: 88418

Date Analyzed: 2013-08-13
QC Preparation: 2013-08-13

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 4.80 | mg/L | 1 | 5.00 | <0.0327 | 96 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|----------------|-------|------|-----------------|------------------|---------------|----------|--------------|
| Nitrate-N | | 1 | 4.81 | mg/L | 1 | 5.00 | <0.0327 | 96 | 90 - 110 | 0 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104409
Prep Batch: 88474

Date Analyzed: 2013-08-26
QC Preparation: 2013-08-26

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 49.0 | mg/L | 1 | 50.0 | <1.66 | 98 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|----------------|-------|------|-----------------|------------------|---------------|------------|--------------|
| Total Kjeldahl Nitrogen - N | | 2 | 47.6 | mg/L | 1 | 50.0 | <1.66 | 95 | 79.2 - 115 | 3 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338112

QC Batch: 103929 Date Analyzed: 2013-08-09 Analyzed By: JR
Prep Batch: 88058 QC Preparation: 2013-08-09 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|-----------|-------|------|--------------|---------------|------|------------|
| Chloride | | 1 | 2090 | mg/L | 55.6 | 1390 | 638 | 104 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|------------|-------|------|--------------|---------------|------|------------|-----|-----------|
| Chloride | | 1 | 2090 | mg/L | 55.6 | 1390 | 638 | 104 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338112

QC Batch: 103929 Date Analyzed: 2013-08-09 Analyzed By: JR
Prep Batch: 88058 QC Preparation: 2013-08-09 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|-----------|-------|------|--------------|---------------|------|------------|
| Nitrate-N | | 1 | 296 | mg/L | 55.6 | 278 | 22.8 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|------------|-------|------|--------------|---------------|------|------------|-----|-----------|
| Nitrate-N | | 1 | 294 | mg/L | 55.6 | 278 | 22.8 | 98 | 90 - 110 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338116

QC Batch: 103930 Date Analyzed: 2013-08-09 Analyzed By: JR
Prep Batch: 88059 QC Preparation: 2013-08-09 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|-----------|-------|------|--------------|---------------|------|------------|
| Chloride | | 1 | 2210 | mg/L | 55.6 | 1390 | 720 | 107 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|------------|-------|------|--------------|---------------|------|------------|-----|-----------|
| Chloride | | 1 | 2210 | mg/L | 55.6 | 1390 | 720 | 107 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338116

QC Batch: 103930 Date Analyzed: 2013-08-09 Analyzed By: JR
Prep Batch: 88059 QC Preparation: 2013-08-09 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 287 | mg/L | 55.6 | 278 | 12.1 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Nitrate-N | | 1 | 287 | mg/L | 55.6 | 278 | 12.1 | 99 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338344

QC Batch: 104340 Date Analyzed: 2013-08-13 Analyzed By: JR
Prep Batch: 88418 QC Preparation: 2013-08-13 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 1940 | mg/L | 55.6 | 1390 | 511 | 103 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | | 1 | 1920 | mg/L | 55.6 | 1390 | 511 | 101 | 90 - 110 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338344

QC Batch: 104340 Date Analyzed: 2013-08-13 Analyzed By: JR
Prep Batch: 88418 QC Preparation: 2013-08-13 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 286 | mg/L | 55.6 | 278 | 15.3 | 97 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike | Matrix | Rec. | Rec. | RPD | RPD |
|-----------|---|---|--------|-------|------|--------|--------|------|----------|-----|-------|
| | | | Result | Units | | Amount | Result | | Limit | | Limit |
| Nitrate-N | | 1 | 284 | mg/L | 55.6 | 278 | 15.3 | 97 | 90 - 110 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338184

QC Batch: 104409
Prep Batch: 88474

Date Analyzed: 2013-08-26
QC Preparation: 2013-08-26

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | MS | | Dil. | Spike | Matrix | Rec. | Rec. |
|-----------------------------|---|---|--------|-------|------|--------|--------|------|------------|
| | | | Result | Units | | Amount | Result | | Limit |
| Total Kjeldahl Nitrogen - N | | 2 | 188 | mg/L | 1 | 50.0 | 147 | 82 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike | Matrix | Rec. | Rec. | RPD | RPD |
|-----------------------------|---|---|--------|-------|------|--------|--------|------|------------|-------|-----|
| | | | Result | Units | | Amount | Result | | Limit | Limit | |
| Total Kjeldahl Nitrogen - N | | 2 | 185 | mg/L | 1 | 50.0 | 147 | 76 | 58.1 - 115 | 2 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 103929

Date Analyzed: 2013-08-09

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 23.7 | 95 | 90 - 110 | 2013-08-09 |

Standard (CCV-1)

QC Batch: 103929

Date Analyzed: 2013-08-09

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.84 | 97 | 90 - 110 | 2013-08-09 |

Standard (CCV-2)

QC Batch: 103929

Date Analyzed: 2013-08-09

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.1 | 96 | 90 - 110 | 2013-08-09 |

Standard (CCV-2)

QC Batch: 103929

Date Analyzed: 2013-08-09

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.92 | 98 | 90 - 110 | 2013-08-09 |

Standard (CCV-1)

QC Batch: 103930

Date Analyzed: 2013-08-09

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.1 | 96 | 90 - 110 | 2013-08-09 |

Standard (CCV-1)

QC Batch: 103930

Date Analyzed: 2013-08-09

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.92 | 98 | 90 - 110 | 2013-08-09 |

Standard (CCV-2)

QC Batch: 103930

Date Analyzed: 2013-08-09

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.4 | 98 | 90 - 110 | 2013-08-09 |

Standard (CCV-2)

QC Batch: 103930

Date Analyzed: 2013-08-09

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.96 | 99 | 90 - 110 | 2013-08-09 |

Standard (CCV-1)

QC Batch: 104340

Date Analyzed: 2013-08-13

Analyzed By: JR

Report Date: August 27, 2013

Work Order: 13080844
Bright Star Dairy

Page Number: 23 of 26
13520 Stern Dr, Mesquite, NM

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 23.7 | 95 | 90 - 110 | 2013-08-13 |

Standard (CCV-1)

QC Batch: 104340

Date Analyzed: 2013-08-13

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.80 | 96 | 90 - 110 | 2013-08-13 |

Standard (CCV-2)

QC Batch: 104340

Date Analyzed: 2013-08-13

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.2 | 97 | 90 - 110 | 2013-08-13 |

Standard (CCV-2)

QC Batch: 104340

Date Analyzed: 2013-08-13

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.89 | 98 | 90 - 110 | 2013-08-13 |

Standard (ICV-1)

QC Batch: 104409

Date Analyzed: 2013-08-26

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.76 | 95 | 85 - 115 | 2013-08-26 |

Standard (CCV-1)

QC Batch: 104409

Date Analyzed: 2013-08-26

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-08-26 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike | |
|---------------|-----------------|--------|------------|-----------------------------|--------|------|
| | | | | | Amount | Pass |
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.0500 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0833 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

TraceAnalysis, Inc.

Company Name: D&H Petroleum & Environmental Services
 Address: (Street, City, Zip)
 1221 Tower Trail Ln., El Paso, Texas 79907
 Contact Person: Victor Ayala
 Phone #: 915-859-8150
 Cell #:
 Fax #:
 E-mail: vayala@dhpump.com

Project Name: Bright Star Dairy
 Project Location (including state): Bright Star Dairy, P.O. Box 167, Mesquite, NM 88048
 Project #: 480422487
 Sampler Signature: *David H. R.*

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | SAMPLING | |
|---------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|-------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE |
| 33813-1 | 340-1 | 1 | 250ml | X | | | | X | X | X | X | 8-8-13 | 10:59 |
| 1-2 | 340-1 | 1 | 250ml | X | | | | X | X | X | X | 8-8-13 | 10:59 |
| 14-1 | 340-2 | 1 | 250ml | X | | | | X | X | X | X | 8-8-13 | 11:53 |
| 1-2 | 340-2 | 1 | 250ml | X | | | | X | X | X | X | 8-8-13 | 11:53 |
| 15-1 | 70/86/340 | 1 | 250ml | X | | | | X | X | X | X | 8-8-13 | 10:05 |
| 1-2 | 70/86/340 | 1 | 250ml | X | | | | X | X | X | X | 8-8-13 | 10:05 |
| 16-1 | 86/340 | 1 | 250ml | X | | | | X | X | X | X | 8-8-13 | 9:01 |
| 1-2 | 86/340 | 1 | 250ml | X | | | | X | X | X | X | 8-8-13 | 9:01 |
| 17-1 | 340 Lagoon | 1 | 250ml | X | | | | X | X | X | X | 8-8-13 | 13:02 |
| 1-2 | 340 Lagoon | 1 | 250ml | X | | | | X | X | X | X | 8-8-13 | 13:02 |

| LAB USE ONLY | MTBE 8021B/602 | BTEX 8021B/602 | TPH 418.1 / TX1005 | TX 1005 Extended (C35) | PAH 8270C | PAH 8270 (Low Level Analysis) | Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 | Nitrates EPA 300 | Total Kjeldahl Nitrogen SM 4500 NORG C | Chloride EPA 300.0 | Total Dissolved Solids SM 2540 C MOD | Turn Around Time | Hold |
|--------------|----------------|----------------|--------------------|------------------------|-----------|-------------------------------|--------------------------------------------------|------------------|----------------------------------------|--------------------|--------------------------------------|------------------|------|
| | | | | | | | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | | |

Relinquished By: *Ansel in Riva* Date: 8-8-13 Time: 15:00
 Relinquished By: *Denny de Haas* Date: 8-8-13 Time: 16:30
 Received By: *Denny de Haas* Date: 8-8-13 Time: 15:00
 Received at Laboratory By: *BRITNEY WILSON* Date: 8/9 10:30
 Date: 8/9 8:40
 Remarks: *11E*
Nitrates Chloride TDS & EP.
TK & Lubricate
 Dry Weight Basis Required
 TRRP Report Required
 8-8-13
 1-5-DIGIT-231007



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
 200 East Sunset Road, Suite E El Paso, Texas 79922 915-585-3443 FAX 915-585-4944
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 (BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972-242-7750
 E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

John DeRuyter
 Mountain View Dairy
 13090 Stern Drive
 P.O. Box 345
 Mesquite, NM, 88048

Report Date: August 27, 2013

Work Order: 13080922



DP: 70
 Project Location: 13090 Stern Dr., Mesquite, NM
 Project Name: Mountain View Dairy

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------------------|--------|------------|------------|---------------|
| 338180 | 70-02 | water | 2013-08-09 | 10:12 | 2013-08-09 |
| 338181 | 70-03 | water | 2013-08-09 | 09:22 | 2013-08-09 |
| 338182 | 70-04 | water | 2013-08-09 | 11:40 | 2013-08-09 |
| 338183 | 70-Lagoon | water | 2013-08-09 | 10:44 | 2013-08-09 |
| 338184 | North Stormwater Lagoon | water | 2013-08-09 | 11:02 | 2013-08-09 |
| 338185 | South Stormwater Lagoon | water | 2013-08-09 | 12:18 | 2013-08-09 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 35 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project Mountain View Dairy were received by TraceAnalysis, Inc. on 2013-08-09 and assigned to work order 13080922. Samples for work order 13080922 were received intact at a temperature of 3 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|------------|---------------------|----------|---------------------|
| Chloride (IC) | E 300.0 | 88059 | 2013-08-09 at 23:40 | 103930 | 2013-08-09 at 23:40 |
| Chloride (IC) | E 300.0 | 88060 | 2013-08-10 at 04:01 | 103931 | 2013-08-10 at 04:01 |
| Chloride (IC) | E 300.0 | 88061 | 2013-08-10 at 08:22 | 103933 | 2013-08-10 at 08:22 |
| NO3 (IC) | E 300.0 | 88060 | 2013-08-10 at 04:01 | 103931 | 2013-08-10 at 04:01 |
| NO3 (IC) | E 300.0 | 88061 | 2013-08-10 at 08:22 | 103933 | 2013-08-10 at 08:22 |
| SO4 (IC) | E 300.0 | 88059 | 2013-08-09 at 23:40 | 103930 | 2013-08-09 at 23:40 |
| SO4 (IC) | E 300.0 | 88060 | 2013-08-10 at 04:01 | 103931 | 2013-08-10 at 04:01 |
| SO4 (IC) | E 300.0 | 88061 | 2013-08-10 at 08:22 | 103933 | 2013-08-10 at 08:22 |
| Sulfide | SM 4500-S2 D | 88336 | 2013-08-21 at 12:00 | 104249 | 2013-08-21 at 14:30 |
| TDS | SM 2540C | 88112 | 2013-08-12 at 14:00 | 103990 | 2013-08-12 at 14:00 |
| TKN | SM 4500-NH3 B,C | 88474 | 2013-08-26 at 11:00 | 104409 | 2013-08-26 at 17:00 |
| TKN | SM 4500-NH3 B,C | 88479 | 2013-08-26 at 11:00 | 104416 | 2013-08-26 at 18:00 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13080922 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

This report contains 2 analytes that have been manually integrated.

| Sample | Analyte | Flag | Comment |
|-----------------|---------|------|---------------------------------------|
| 1. 103930 MSD-1 | Sulfate | MI1 | Split peak or shoulder peak |
| 2. 103930 MSD-1 | Sulfate | MI2 | Instrument software did not integrate |

Analytical Report

Sample: 338180 - 70-02

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103930 Date Analyzed: 2013-08-09 Analyzed By: JR
 Prep Batch: 88059 Sample Preparation: 2013-08-09 Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 815 | 815 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338180 - 70-02

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103931 Date Analyzed: 2013-08-10 Analyzed By: JR
 Prep Batch: 88060 Sample Preparation: 2013-08-10 Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Nitrate-N | | 1 | 20.9 | 20.9 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338180 - 70-02

Laboratory: El Paso
 Analysis: SO4 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103930 Date Analyzed: 2013-08-09 Analyzed By: JR
 Prep Batch: 88059 Sample Preparation: 2013-08-09 Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---------|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Sulfate | MI1,MI2 | 1 | 489 | 489 | <0.219 | mg/L | 10 | 0.219 | 2.5 | 0.0219 |

Sample: 338180 - 70-02

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 103990 Date Analyzed: 2013-08-12 Analyzed By: MC
 Prep Batch: 88112 Sample Preparation: 2013-08-12 Prepared By: MC

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2890 | 2890 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338180 - 70-02

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104409 Date Analyzed: 2013-08-26 Analyzed By: SAS
 Prep Batch: 88474 Sample Preparation: 2013-08-26 Prepared By: SAS

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | | 2 | 29.4 | 29.4 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338181 - 70-03

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103931 Date Analyzed: 2013-08-10 Analyzed By: JR
 Prep Batch: 88060 Sample Preparation: 2013-08-10 Prepared By: JR

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 2740 | 2740 | <1.95 | mg/L | 100 | 1.95 | 2.5 | 0.0195 |

Sample: 338181 - 70-03

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103931 Date Analyzed: 2013-08-10 Analyzed By: JR
 Prep Batch: 88060 Sample Preparation: 2013-08-10 Prepared By: JR

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 48.7 | 48.7 | <0.327 | mg/L | 10 | 0.327 | 0.5 | 0.0327 |

Sample: 338181 - 70-03

| | | | | | |
|-------------|----------|---------------------|------------|--------------|-----|
| Laboratory: | El Paso | Analytical Method: | E 300.0 | Prep Method: | N/A |
| Analysis: | SO4 (IC) | Date Analyzed: | 2013-08-10 | Analyzed By: | JR |
| QC Batch: | 103931 | Sample Preparation: | 2013-08-10 | Prepared By: | JR |
| Prep Batch: | 88060 | | | | |

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Sulfate | | 1 | 1340 | 1340 | <1.10 | mg/L | 50 | 1.10 | 2.5 | 0.0219 |

Sample: 338181 - 70-03

| | | | | | |
|-------------|---------|---------------------|------------|--------------|-----|
| Laboratory: | El Paso | Analytical Method: | SM 2540C | Prep Method: | N/A |
| Analysis: | TDS | Date Analyzed: | 2013-08-12 | Analyzed By: | MC |
| QC Batch: | 103990 | Sample Preparation: | 2013-08-12 | Prepared By: | MC |
| Prep Batch: | 88112 | | | | |

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 6890 | 6890 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338181 - 70-03

| | | | | | |
|-------------|---------|---------------------|-----------------|--------------|-----|
| Laboratory: | Lubbock | Analytical Method: | SM 4500-NH3 B,C | Prep Method: | N/A |
| Analysis: | TKN | Date Analyzed: | 2013-08-26 | Analyzed By: | SAS |
| QC Batch: | 104409 | Sample Preparation: | 2013-08-26 | Prepared By: | SAS |
| Prep Batch: | 88474 | | | | |

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 3.50 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338182 - 70-04

| | | | | | |
|-------------|---------------|---------------------|------------|--------------|-----|
| Laboratory: | El Paso | Analytical Method: | E 300.0 | Prep Method: | N/A |
| Analysis: | Chloride (IC) | Date Analyzed: | 2013-08-10 | Analyzed By: | JR |
| QC Batch: | 103931 | Sample Preparation: | 2013-08-10 | Prepared By: | JR |
| Prep Batch: | 88060 | | | | |

continued ...

sample 338182 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 636 | 636 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338182 - 70-04

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103931 Date Analyzed: 2013-08-10 Analyzed By: JR
 Prep Batch: 88060 Sample Preparation: 2013-08-10 Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Nitrate-N | | 1 | 21.7 | 21.7 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338182 - 70-04

Laboratory: El Paso
 Analysis: SO4 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103931 Date Analyzed: 2013-08-10 Analyzed By: JR
 Prep Batch: 88060 Sample Preparation: 2013-08-10 Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Sulfate | | 1 | 555 | 555 | <1.10 | mg/L | 50 | 1.10 | 2.5 | 0.0219 |

Sample: 338182 - 70-04

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 103990 Date Analyzed: 2013-08-12 Analyzed By: MC
 Prep Batch: 88112 Sample Preparation: 2013-08-12 Prepared By: MC

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 2780 | 2780 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338182 - 70-04

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104409 Date Analyzed: 2013-08-26 Analyzed By: SAS
 Prep Batch: 88474 Sample Preparation: 2013-08-26 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|-------------|-------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 4.20 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338183 - 70-Lagoon

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103933 Date Analyzed: 2013-08-10 Analyzed By: JR
 Prep Batch: 88061 Sample Preparation: 2013-08-10 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-------------|-------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 1660 | 1660 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338183 - 70-Lagoon

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103933 Date Analyzed: 2013-08-10 Analyzed By: JR
 Prep Batch: 88061 Sample Preparation: 2013-08-10 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-------------|-------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | J | 1 | 3.99 | <5.00 | <0.327 | mg/L | 10 | 0.327 | 0.5 | 0.0327 |

Sample: 338183 - 70-Lagoon

Laboratory: El Paso
 Analysis: SO4 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103933 Date Analyzed: 2013-08-10 Analyzed By: JR
 Prep Batch: 88061 Sample Preparation: 2013-08-10 Prepared By: JR

Comment: Use SO4 result for reporting Total Sulfur

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Sulfate | | 1 | 31.7 | 31.7 | <0.219 | mg/L | 10 | 0.219 | 2.5 | 0.0219 |

Sample: 338183 - 70-Lagoon

Laboratory: Lubbock
 Analysis: Sulfide Analytical Method: SM 4500-S2 D Prep Method: N/A
 QC Batch: 104249 Date Analyzed: 2013-08-21 Analyzed By: SAS
 Prep Batch: 88336 Sample Preparation: 2013-08-21 Prepared By: SAS
 Comment: Report as Total Sulfur.

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Sulfide | | | 175 | 175 | <0.462 | mg/L | 25 | 0.462 | 0.1 | 0.0185 |

Sample: 338183 - 70-Lagoon

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 103990 Date Analyzed: 2013-08-12 Analyzed By: MC
 Prep Batch: 88112 Sample Preparation: 2013-08-12 Prepared By: MC

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 4660 | 4660 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338183 - 70-Lagoon

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104409 Date Analyzed: 2013-08-26 Analyzed By: SAS
 Prep Batch: 88474 Sample Preparation: 2013-08-26 Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | | 2 | 468 | 468 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338184 - North Stormwater Lagoon

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103933 Date Analyzed: 2013-08-10 Analyzed By: JR
 Prep Batch: 88061 Sample Preparation: 2013-08-10 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-------------|-------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 2010 | 2010 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338184 - North Stormwater Lagoon

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103933 Date Analyzed: 2013-08-10 Analyzed By: JR
 Prep Batch: 88061 Sample Preparation: 2013-08-10 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------|-------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | U | 1 | <0.327 | <5.00 | <0.327 | mg/L | 10 | 0.327 | 0.5 | 0.0327 |

Sample: 338184 - North Stormwater Lagoon

Laboratory: El Paso
 Analysis: SO4 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103933 Date Analyzed: 2013-08-10 Analyzed By: JR
 Prep Batch: 88061 Sample Preparation: 2013-08-10 Prepared By: JR

Comment: Use SO4 result for reporting Total Sulfur

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|------------|------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Sulfate | | 1 | 676 | 676 | <1.10 | mg/L | 50 | 1.10 | 2.5 | 0.0219 |

Sample: 338184 - North Stormwater Lagoon

Laboratory: Lubbock
 Analysis: Sulfide Analytical Method: SM 4500-S2 D Prep Method: N/A
 QC Batch: 104249 Date Analyzed: 2013-08-21 Analyzed By: SAS
 Prep Batch: 88336 Sample Preparation: 2013-08-21 Prepared By: SAS

Comment: Report as Total Sulfur.

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Sulfide | | | 22.5 | 22.5 | <0.462 | mg/L | 25 | 0.462 | 0.1 | 0.0185 |

Sample: 338184 - North Stormwater Lagoon

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 103990 Date Analyzed: 2013-08-12 Analyzed By: MC
 Prep Batch: 88112 Sample Preparation: 2013-08-12 Prepared By: MC

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 8480 | 8480 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338184 - North Stormwater Lagoon

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104409 Date Analyzed: 2013-08-26 Analyzed By: SAS
 Prep Batch: 88474 Sample Preparation: 2013-08-26 Prepared By: SAS

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | | 2 | 147 | 147 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338185 - South Stormwater Lagoon

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103933 Date Analyzed: 2013-08-10 Analyzed By: JR
 Prep Batch: 88061 Sample Preparation: 2013-08-10 Prepared By: JR

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 1170 | 1170 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338185 - South Stormwater Lagoon

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103933 Date Analyzed: 2013-08-10 Analyzed By: JR
 Prep Batch: 88061 Sample Preparation: 2013-08-10 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------|-------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | u | 1 | <0.327 | <5.00 | <0.327 | mg/L | 10 | 0.327 | 0.5 | 0.0327 |

Sample: 338185 - South Stormwater Lagoon

Laboratory: El Paso
 Analysis: SO4 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 103933 Date Analyzed: 2013-08-10 Analyzed By: JR
 Prep Batch: 88061 Sample Preparation: 2013-08-10 Prepared By: JR

Comment: Use SO4 result for reporting Total Sulfur

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|------------|------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Sulfate | | 1 | 262 | 262 | <0.219 | mg/L | 10 | 0.219 | 2.5 | 0.0219 |

Sample: 338185 - South Stormwater Lagoon

Laboratory: Lubbock
 Analysis: Sulfide Analytical Method: SM 4500-S2 D Prep Method: N/A
 QC Batch: 104249 Date Analyzed: 2013-08-21 Analyzed By: SAS
 Prep Batch: 88336 Sample Preparation: 2013-08-21 Prepared By: SAS

Comment: Report as Total Sulfur.

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|------------|------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Sulfide | | | 171 | 171 | <0.462 | mg/L | 25 | 0.462 | 0.1 | 0.0185 |

Sample: 338185 - South Stormwater Lagoon

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 103990 Date Analyzed: 2013-08-12 Analyzed By: MC
 Prep Batch: 88112 Sample Preparation: 2013-08-12 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-------------|-------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 7150 | 7150 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338185 - South Stormwater Lagoon

Laboratory: Lubbock

Analysis: TKN

QC Batch: 104416

Prep Batch: 88479

Analytical Method: SM 4500-NH3 B,C

Date Analyzed: 2013-08-26

Sample Preparation: 2013-08-26

Prep Method: N/A

Analyzed By: SAS

Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|------------|------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | | 2 | 102 | 102 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 103930
Prep Batch: 88059Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 103930
Prep Batch: 88059Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Sulfate | | 1 | <0.0219 | mg/L | 0.0219 |

Method Blank (1)

QC Batch: 103931
Prep Batch: 88060Date Analyzed: 2013-08-10
QC Preparation: 2013-08-10Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 103931
Prep Batch: 88060Date Analyzed: 2013-08-10
QC Preparation: 2013-08-10Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)QC Batch: 103931
Prep Batch: 88060Date Analyzed: 2013-08-10
QC Preparation: 2013-08-10Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Sulfate | | 1 | <0.0219 | mg/L | 0.0219 |

Method Blank (1)QC Batch: 103933
Prep Batch: 88061Date Analyzed: 2013-08-10
QC Preparation: 2013-08-10Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Chloride | | 1 | 1.32 | mg/L | 0.0195 |

Method Blank (1)QC Batch: 103933
Prep Batch: 88061Date Analyzed: 2013-08-10
QC Preparation: 2013-08-10Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)QC Batch: 103933
Prep Batch: 88061Date Analyzed: 2013-08-10
QC Preparation: 2013-08-10Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Sulfate | | 1 | <0.0219 | mg/L | 0.0219 |

Method Blank (1)QC Batch: 103990
Prep Batch: 88112Date Analyzed: 2013-08-12
QC Preparation: 2013-08-12Analyzed By: MC
Prepared By: MC

| Parameter | F | C | Result | Units | Reporting Limits |
|------------------------|---|---|--------|-------|------------------|
| Total Dissolved Solids | | 1 | <2.50 | mg/L | 2.5 |

Method Blank (1)QC Batch: 104249
Prep Batch: 88336Date Analyzed: 2013-08-21
QC Preparation: 2013-08-21Analyzed By: SAS
Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Sulfide | | | <0.0185 | mg/L | 0.0185 |

Method Blank (1)QC Batch: 104409
Prep Batch: 88474Date Analyzed: 2013-08-26
QC Preparation: 2013-08-26Analyzed By: SAS
Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Method Blank (1)QC Batch: 104416
Prep Batch: 88479Date Analyzed: 2013-08-26
QC Preparation: 2013-08-26Analyzed By: SAS
Prepared By: SAS

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| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Duplicate (2) Duplicated Sample: 338185

QC Batch: 103990

Date Analyzed: 2013-08-12

Analyzed By: MC

Prep Batch: 88112

QC Preparation: 2013-08-12

Prepared By: MC

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|------------------|---------------|-------|----------|-----|-----------|
| Total Dissolved Solids | | 1 | 6900 | 7150 | mg/L | 1 | 4 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 103930
Prep Batch: 88059Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Chloride | | 1 | 24.4 | mg/L | 1 | 25.0 | <0.0195 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | Dil. | | | | | | |
| Chloride | | 1 | 24.5 | mg/L | 1 | 25.0 | <0.0195 | 98 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 103930
Prep Batch: 88059Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|---------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Sulfate | | 1 | 24.6 | mg/L | 1 | 25.0 | <0.0219 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|---------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | Dil. | | | | | | |
| Sulfate | | 1 | 24.6 | mg/L | 1 | 25.0 | <0.0219 | 98 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 103931
Prep Batch: 88060Date Analyzed: 2013-08-10
QC Preparation: 2013-08-10Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Chloride | | 1 | 24.5 | mg/L | 1 | 25.0 | <0.0195 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 24.5 | mg/L | 1 | 25.0 | <0.0195 | 98 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 103931
Prep Batch: 88060

Date Analyzed: 2013-08-10
QC Preparation: 2013-08-10

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 1 | 4.94 | mg/L | 1 | 5.00 | <0.0327 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 4.93 | mg/L | 1 | 5.00 | <0.0327 | 99 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 103931
Prep Batch: 88060

Date Analyzed: 2013-08-10
QC Preparation: 2013-08-10

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit |
|---------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|
| | | | Result | Units | | | | | |
| Sulfate | | 1 | 24.7 | mg/L | 1 | 25.0 | <0.0219 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|---------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Sulfate | | 1 | 24.7 | mg/L | 1 | 25.0 | <0.0219 | 99 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 103933
Prep Batch: 88061

Date Analyzed: 2013-08-10
QC Preparation: 2013-08-10

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 24.9 | mg/L | 1 | 25.0 | <0.0195 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 24.8 | mg/L | 1 | 25.0 | <0.0195 | 99 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 103933
Prep Batch: 88061

Date Analyzed: 2013-08-10
QC Preparation: 2013-08-10

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 1 | 5.00 | mg/L | 1 | 5.00 | <0.0327 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 4.98 | mg/L | 1 | 5.00 | <0.0327 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 103933
Prep Batch: 88061

Date Analyzed: 2013-08-10
QC Preparation: 2013-08-10

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|---------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Sulfate | | 1 | 25.0 | mg/L | 1 | 25.0 | <0.0219 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|---------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Sulfate | | 1 | 25.0 | mg/L | 1 | 25.0 | <0.0219 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)QC Batch: 103990
Prep Batch: 88112Date Analyzed: 2013-08-12
QC Preparation: 2013-08-12Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Dissolved Solids | | 1 | 992 | mg/L | 1 | 1000 | <2.50 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|----------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Total Dissolved Solids | | 1 | 962 | mg/L | 1 | 1000 | <2.50 | 96 | 90 - 110 | 3 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-2)QC Batch: 103990
Prep Batch: 88112Date Analyzed: 2013-08-12
QC Preparation: 2013-08-12Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Dissolved Solids | | 1 | 985 | mg/L | 1 | 1000 | <2.50 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|----------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Total Dissolved Solids | | 1 | 996 | mg/L | 1 | 1000 | <2.50 | 100 | 90 - 110 | 1 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)QC Batch: 104249
Prep Batch: 88336Date Analyzed: 2013-08-21
QC Preparation: 2013-08-21Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|---------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Sulfide | | | 0.380 | mg/L | 1 | 0.400 | <0.0185 | 95 | 76.1 - 122 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|---------|---|---|----------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Sulfide | | | 0.396 | mg/L | 1 | 0.400 | <0.0185 | 99 | 76.1 - 122 | 4 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104409
Prep Batch: 88474

Date Analyzed: 2013-08-26
QC Preparation: 2013-08-26

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 49.0 | mg/L | 1 | 50.0 | <1.66 | 98 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|---------------|------------|--------------|----|
| Total Kjeldahl Nitrogen - N | | 2 | 47.6 | mg/L | 1 | 50.0 | <1.66 | 95 | 79.2 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104416
Prep Batch: 88479

Date Analyzed: 2013-08-26
QC Preparation: 2013-08-26

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 48.3 | mg/L | 1 | 50.0 | <1.66 | 97 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|---------------|------------|--------------|----|
| Total Kjeldahl Nitrogen - N | | 2 | 47.6 | mg/L | 1 | 50.0 | <1.66 | 95 | 79.2 - 115 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338116

QC Batch: 103930
Prep Batch: 88059

Date Analyzed: 2013-08-09
QC Preparation: 2013-08-09

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 2210 | mg/L | 55.6 | 1390 | 720 | 107 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 2210 | mg/L | 55.6 | 1390 | 720 | 107 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338116

QC Batch: 103930 Date Analyzed: 2013-08-09 Analyzed By: JR
Prep Batch: 88059 QC Preparation: 2013-08-09 Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|---------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Sulfate | | 1 | 2550 | mg/L | 55.6 | 1390 | 1060 | 107 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|---------|---|-----------|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Sulfate | | MI1,MI2 1 | 2560 | mg/L | 55.6 | 1390 | 1060 | 108 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338182

QC Batch: 103931 Date Analyzed: 2013-08-10 Analyzed By: JR
Prep Batch: 88060 QC Preparation: 2013-08-10 Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 2100 | mg/L | 55.6 | 1390 | 636 | 105 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 2110 | mg/L | 55.6 | 1390 | 636 | 106 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338182

QC Batch: 103931 Date Analyzed: 2013-08-10 Analyzed By: JR
Prep Batch: 88060 QC Preparation: 2013-08-10 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 300 | mg/L | 55.6 | 278 | 21.7 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Nitrate-N | | 1 | 300 | mg/L | 55.6 | 278 | 21.7 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338182

QC Batch: 103931
Prep Batch: 88060

Date Analyzed: 2013-08-10
QC Preparation: 2013-08-10

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|---------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Sulfate | | 1 | 1980 | mg/L | 55.6 | 1390 | 555 | 102 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|---------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Sulfate | | 1 | 1980 | mg/L | 55.6 | 1390 | 555 | 102 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338185

QC Batch: 103933
Prep Batch: 88061

Date Analyzed: 2013-08-10
QC Preparation: 2013-08-10

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 15100 | mg/L | 556 | 13900 | 1170 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | | 1 | 15100 | mg/L | 556 | 13900 | 1170 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338185QC Batch: 103933
Prep Batch: 88061Date Analyzed: 2013-08-10
QC Preparation: 2013-08-10Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 2770 | mg/L | 556 | 2780 | <18.2 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Nitrate-N | | 1 | 2780 | mg/L | 556 | 2780 | <18.2 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338185QC Batch: 103933
Prep Batch: 88061Date Analyzed: 2013-08-10
QC Preparation: 2013-08-10Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|---------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Sulfate | | 1 | 14100 | mg/L | 556 | 13900 | 262 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|---------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Sulfate | | 1 | 14200 | mg/L | 556 | 13900 | 262 | 100 | 90 - 110 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 336018QC Batch: 104249
Prep Batch: 88336Date Analyzed: 2013-08-21
QC Preparation: 2013-08-21Analyzed By: SAS
Prepared By: SAS

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|---------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Sulfide | | | 0.402 | mg/L | 1 | 0.400 | <0.0185 | 100 | 10 - 154 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|---------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Sulfide | | | 0.417 | mg/L | 1 | 0.400 | <0.0185 | 104 | 10 - 154 | 4 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338184

QC Batch: 104409 Date Analyzed: 2013-08-26 Analyzed By: SAS
Prep Batch: 88474 QC Preparation: 2013-08-26 Prepared By: SAS

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 188 | mg/L | 1 | 50.0 | 147 | 82 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 185 | mg/L | 1 | 50.0 | 147 | 76 | 58.1 - 115 | 2 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338350

QC Batch: 104416 Date Analyzed: 2013-08-26 Analyzed By: SAS
Prep Batch: 88479 QC Preparation: 2013-08-26 Prepared By: SAS

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 374 | mg/L | 1 | 50.0 | 328 | 92 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 384 | mg/L | 1 | 50.0 | 328 | 112 | 58.1 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 103930

Date Analyzed: 2013-08-09

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.1 | 96 | 90 - 110 | 2013-08-09 |

Standard (CCV-1)

QC Batch: 103930

Date Analyzed: 2013-08-09

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|---------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Sulfate | | 1 | mg/L | 25.0 | 24.4 | 98 | 90 - 110 | 2013-08-09 |

Standard (CCV-2)

QC Batch: 103930

Date Analyzed: 2013-08-09

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.4 | 98 | 90 - 110 | 2013-08-09 |

Standard (CCV-2)

QC Batch: 103930

Date Analyzed: 2013-08-09

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|---------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Sulfate | | 1 | mg/L | 25.0 | 24.6 | 98 | 90 - 110 | 2013-08-09 |

Standard (CCV-1)

QC Batch: 103931

Date Analyzed: 2013-08-10

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.4 | 98 | 90 - 110 | 2013-08-10 |

Standard (CCV-1)

QC Batch: 103931

Date Analyzed: 2013-08-10

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.96 | 99 | 90 - 110 | 2013-08-10 |

Standard (CCV-1)

QC Batch: 103931

Date Analyzed: 2013-08-10

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|---------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Sulfate | | 1 | mg/L | 25.0 | 24.6 | 98 | 90 - 110 | 2013-08-10 |

Standard (CCV-2)

QC Batch: 103931

Date Analyzed: 2013-08-10

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.5 | 98 | 90 - 110 | 2013-08-10 |

Standard (CCV-2)

QC Batch: 103931

Date Analyzed: 2013-08-10

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.96 | 99 | 90 - 110 | 2013-08-10 |

Standard (CCV-2)

QC Batch: 103931

Date Analyzed: 2013-08-10

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|---------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Sulfate | | 1 | mg/L | 25.0 | 24.7 | 99 | 90 - 110 | 2013-08-10 |

Standard (CCV-1)

QC Batch: 103933

Date Analyzed: 2013-08-10

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.5 | 98 | 90 - 110 | 2013-08-10 |

Standard (CCV-1)

QC Batch: 103933

Date Analyzed: 2013-08-10

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.96 | 99 | 90 - 110 | 2013-08-10 |

Standard (CCV-1)

QC Batch: 103933

Date Analyzed: 2013-08-10

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|---------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Sulfate | | 1 | mg/L | 25.0 | 24.7 | 99 | 90 - 110 | 2013-08-10 |

Standard (CCV-2)

QC Batch: 103933

Date Analyzed: 2013-08-10

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.7 | 99 | 90 - 110 | 2013-08-10 |

Standard (CCV-2)

QC Batch: 103933

Date Analyzed: 2013-08-10

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.01 | 100 | 90 - 110 | 2013-08-10 |

Standard (CCV-2)

QC Batch: 103933

Date Analyzed: 2013-08-10

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|---------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Sulfate | | 1 | mg/L | 25.0 | 24.9 | 100 | 90 - 110 | 2013-08-10 |

Standard (ICV-1)

QC Batch: 104249

Date Analyzed: 2013-08-21

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|---------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Sulfide | | | mg/L | 0.400 | 0.360 | 90 | 85 - 115 | 2013-08-21 |

Standard (CCV-1)

QC Batch: 104249

Date Analyzed: 2013-08-21

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|---------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Sulfide | | | mg/L | 0.400 | 0.370 | 92 | 85 - 115 | 2013-08-21 |

Standard (ICV-1)

QC Batch: 104409

Date Analyzed: 2013-08-26

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.76 | 95 | 85 - 115 | 2013-08-26 |

Standard (CCV-1)

QC Batch: 104409

Date Analyzed: 2013-08-26

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-08-26 |

Standard (ICV-1)

QC Batch: 104416

Date Analyzed: 2013-08-26

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-08-26 |

Standard (CCV-1)

QC Batch: 104416

Date Analyzed: 2013-08-26

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-08-26 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike Amount | Pass |
|---------------|-----------------|--------|-------------------|-----------------------------|--------------|------|
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.0500 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0833 | Pass |
| SO4 (IC) | E 300.0 | water | Dionex IC | Sulfate | 0.0500 | Pass |
| Sulfide | SM 4500-S2 D | water | Spectrophotometer | Sulfide | 0.0500 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

13080922

6707 Aberdeen, Ste. 9
Lubbock, TX 79424
Tel (806) 794-1296
Fax (806) 794-1298

TraceAnalysis, Inc.

Company Name: **D&H Petroleum & Environmental Services**

Address: (Street, City, Zip)
1221 Tower Trail Ln., El Paso, Texas 79907

Contact Person: **Victor Ayala**

Phone #: 915-859-8150
Cell #:
Fax #:
E-mail: vayala@dhpump.com

Project Name: **John DeRuyter 575-233-3899**
Mountain View Dairy

Project #: **422546**
Sampler Signature: *John DeRuyter*

Project Location (including state):
Mountain View Dairy, 13090 Stern Drive, Mesquite, NM

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | Sampling | | | | | | | | | | | | | | | | |
|----------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|------|------|------|--------|-------|--|--|--|--|---|--|--|--|--|--|--|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME | | | | | | | | | | | | | |
| 70-01 | | 1 | | X | | | | X | | | | X | | | | | | | | | | | | | | | | |
| 70-01 | | 1 | | X | | | | X | | | | X | | | | | | | | | | | | | | | | |
| 338180-1 | | 1 | 230ml | X | | | | X | | | | X | | | | 8-9-13 | 10:12 | | | | | X | | | | | | |
| 338181-1 | | 1 | 230ml | X | | | | X | | | | X | | | | 8-9-13 | 9:22 | | | | | X | | | | | | |
| 338182-1 | | 1 | 250ml | X | | | | X | | | | X | | | | 8-9-13 | 11:40 | | | | | X | | | | | | |
| 338183-1 | | 1 | 250ml | X | | | | X | | | | X | | | | 8-9-13 | 11:40 | | | | | X | | | | | | |
| 338184-1 | | 1 | 250ml | X | | | | X | | | | X | | | | 8-9-13 | 10:44 | | | | | X | | | | | | |
| 338185-1 | | 1 | 250ml | X | | | | X | | | | X | | | | 8-9-13 | 11:02 | | | | | X | | | | | | |
| 338186-1 | | 1 | 250ml | X | | | | X | | | | X | | | | 8-9-13 | 12:18 | | | | | X | | | | | | |
| 338187-3 | | 1 | 250ml | X | | | | X | | | | X | | | | 8-9-13 | 10:44 | | | | | X | | | | | | |

ANALYSIS REQUEST

| | |
|--------------------------------------------------|---|
| MTBE 8021B/602 | |
| BTEX 8021B/602 | |
| TPH 418.1 / TX1005 | |
| TX 1005 Extended (C35) | |
| PAH 8270C | |
| PAH 8270 (Low Level Analysis) | |
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | X |
| Nitrates EPA 300 | X |
| Total Kjeldahl Nitrogen SM 4500 NORGC | X |
| Chloride EPA 300.0 | X |
| Total Dissolved Solids SM 2540 C MOD | X |
| Sulfate EPA Method 300.0 | X |
| Total Sulfur | |
| Turn Around Time | |
| Hold | |

Relinquished By: *Victor Ayala* Date: **8-9-13 13:41** Received By: *John DeRuyter* Date: **8-9-13 13:41**

Relinquished By: *John DeRuyter* Date: **8-9-13 16:36** Received By: *John DeRuyter* Date: **8-9-13 13:41**

Remarks: *dry weight basis required 15 bottles*

Lab Use Only

Intact / N

Headspace Y / N

Temp C

Log-in Review

6707 Aberdeen, Ste. 9
 Lubbock, TX 79424
 Tel (806) 794-1296
 Fax (806) 794-1298

155 McCutcheon, Ste. H
 Paso, TX 79932
 Tel (915) 585-3443
 Fax (915) 585-4944

TraceAnalysis, Inc.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 13080922

Phone #: 915-859-8150

Cell #:

Fax #:

E-mail: vayala@dhpump.com

Company Name:

D&H Petroleum & Environmental Services

Address: (Street, City, Zip)

1221 Tower Trail Ln., El Paso, Texas 79907

Contact Person:

Victor Ayala

Invoice to (if different from above):

Mountain View Dairy, P.O. Box 345, Mesquite, NM 88048

Project Name:

Mountain View Dairy

Sampler Signature: *Clad & P*

Project #: 422546

Project Location (including state):

Mountain View Dairy, 13090 Stern Drive, Mesquite, NM

| LAB # | Field Code | Volume/Amount | # Containers | MATRIX | | | PRESERVATIVE METHOD | | | | | SAMPLING | | | |
|----------------------|------------------------------------|---------------|--------------|--------------|--------------|--------------|---------------------|--------------|------------------|--------------------------------|--------------|--------------|--------------|-------------------|------------------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME |
| 70-01 | 70-01 | 1 | 1 | X | X | X | X | X | X | X | X | X | X | 8-9-13 | 11:02 |
| 70-02 | 70-02 | 1 | 1 | X | X | X | X | X | X | X | X | X | X | 8-9-13 | 12:18 |
| 70-03 | 70-03 | 1 | 1 | X | X | X | X | X | X | X | X | X | X | 8-9-13 | 12:18 |
| 70-04 | 70-04 | 1 | 1 | X | X | X | X | X | X | X | X | X | X | 8-9-13 | 12:18 |
| 70 Lagoon | 70 Lagoon | 1 | 1 | X | X | X | X | X | X | X | X | X | X | 8-9-13 | 12:18 |
| 70 Lagoon | 70 Lagoon | 1 | 1 | X | X | X | X | X | X | X | X | X | X | 8-9-13 | 12:18 |
| 88184-3 | North Stormwater Lagoon | 1 | 1 | X | X | X | X | X | X | X | X | X | X | 8-9-13 | 11:02 |
| 88185-3 | North Stormwater Lagoon | 1 | 1 | X | X | X | X | X | X | X | X | X | X | 8-9-13 | 12:18 |
| 88186-3 | South Stormwater Lagoon | 1 | 1 | X | X | X | X | X | X | X | X | X | X | 8-9-13 | 12:18 |
| 88187-3 | South Stormwater Lagoon | 1 | 1 | X | X | X | X | X | X | X | X | X | X | 8-9-13 | 12:18 |

| Relinquished By: | Date: | Time: | Received By: | Date: | Time: |
|---------------------|--------|-------|--------------------|--------|-------|
| <i>Clad & P</i> | 8-9-13 | 13:41 | <i>[Signature]</i> | 8-9-13 | 13:41 |
| <i>[Signature]</i> | 8-9-13 | 16:30 | <i>[Signature]</i> | 8-9-13 | 16:40 |

| ANALYSIS REQUEST | MTBE 8021B/602 | BTEX 8021B/602 | TPH 418.1 / TX1005 | TX 1005 Extended (C35) | PAH 8270C | PAH 8270 (Low Level Analysis) | Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | Nitrates EPA 300 | Total Kjeldahl Nitrogen SM 4500 NORG C | Chloride EPA 300.0 | Total Dissolved Solids SM 2540 C MOD | Sulfate EPA Method 300.0 | Total Sulfur | Turn Around Time | Hold |
|------------------|----------------|----------------|--------------------|------------------------|-----------|-------------------------------|--------------------------------------------------|------------------|----------------------------------------|--------------------|--------------------------------------|--------------------------|--------------|------------------|------|
| | | | | | | | | | X | | X | X | X | | |
| | | | | | | | | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |
| | | | | | | | X | X | X | X | X | X | X | | |

Remarks: *NO CI, POS, SO₄ de EP*
123' @ 2.5' W 88183/88
123' @ 2.5' W 88184/88
123' @ 2.5' W 88185/88
123' @ 2.5' W 88186/88
123' @ 2.5' W 88187/88
 Dry Weight Basis Required
 TRRP Report Required

8-9-13



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
 200 East Sunset Road, Suite E El Paso, Texas 79922 915-585-3443 FAX 915-585-4944
 5002 Basin Street, Suite A1 Midland, Texas 79703 432-689-6301 FAX 432-689-6313
 (BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972-242-7750
 E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Joe Gonzalez
 Gonzalez Farmes
 14310 Stern Drive
 P.O. Box 199
 Mesquite, NM, 88048

Report Date: August 27, 2013

Work Order: 13081335



DP: 177
 Project Location: 14310 Stern Dr., Mesquite, NM
 Project Name: Gonzalez Dairy Inc.

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 338488 | 177-01 | water | 2013-08-13 | 13:24 | 2013-08-13 |
| 338489 | 177-02 | water | 2013-08-13 | 14:21 | 2013-08-13 |
| 338490 | 177-03A | water | 2013-08-13 | 12:45 | 2013-08-13 |
| 338491 | 177-04 | water | 2013-08-13 | 11:34 | 2013-08-13 |
| 338492 | 177-05 | water | 2013-08-13 | 10:32 | 2013-08-13 |
| 338493 | 177-07R | water | 2013-08-13 | 14:45 | 2013-08-13 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 27 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

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| QC Batch 104349 - Method Blank (1) | 13 |
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| QC Batch 104350 - Method Blank (1) | 14 |
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| QC Batch 104261 - LCS (1) | 16 |
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| QC Batch 104349 - LCS (1) | 17 |
| QC Batch 104350 - LCS (1) | 17 |
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| QC Batch 104349 - CCV (1) | 23 |
| QC Batch 104349 - CCV (2) | 23 |
| QC Batch 104349 - CCV (2) | 23 |
| QC Batch 104350 - CCV (1) | 23 |
| QC Batch 104350 - CCV (1) | 24 |

| | |
|-------------------------------------|----|
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Case Narrative

Samples for project Gonzalez Dairy Inc. were received by TraceAnalysis, Inc. on 2013-08-13 and assigned to work order 13081335. Samples for work order 13081335 were received intact at a temperature of 3 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|---------------|---------------------|-------------|---------------------|
| Chloride (IC) | E 300.0 | 88349 | 2013-08-14 at 23:13 | 104261 | 2013-08-14 at 23:13 |
| Chloride (IC) | E 300.0 | 88431 | 2013-08-15 at 03:26 | 104349 | 2013-08-15 at 03:26 |
| Chloride (IC) | E 300.0 | 88432 | 2013-08-15 at 07:23 | 104350 | 2013-08-15 at 07:23 |
| NO3 (IC) | E 300.0 | 88349 | 2013-08-14 at 23:13 | 104261 | 2013-08-14 at 23:13 |
| NO3 (IC) | E 300.0 | 88431 | 2013-08-15 at 03:26 | 104349 | 2013-08-15 at 03:26 |
| NO3 (IC) | E 300.0 | 88432 | 2013-08-15 at 07:23 | 104350 | 2013-08-15 at 07:23 |
| TDS | SM 2540C | 88237 | 2013-08-15 at 08:30 | 104137 | 2013-08-15 at 08:30 |
| TKN | SM 4500-NH3 B,C | 88496 | 2013-08-27 at 10:00 | 104437 | 2013-08-27 at 15:00 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13081335 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 338488 - 177-01

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104261 Date Analyzed: 2013-08-14 Analyzed By: JR
 Prep Batch: 88349 Sample Preparation: 2013-08-14 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-------------|-------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 1370 | 1370 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338488 - 177-01

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104261 Date Analyzed: 2013-08-14 Analyzed By: JR
 Prep Batch: 88349 Sample Preparation: 2013-08-14 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-------------|-------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 32.2 | 32.2 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338488 - 177-01

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104137 Date Analyzed: 2013-08-15 Analyzed By: MC
 Prep Batch: 88237 Sample Preparation: 2013-08-15 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-------------|-------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 3850 | 3850 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338488 - 177-01

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104437 Date Analyzed: 2013-08-27 Analyzed By: SAS
 Prep Batch: 88496 Sample Preparation: 2013-08-27 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 4.20 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338489 - 177-02

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104349 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88431 Sample Preparation: 2013-08-15 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|----|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | Qs | 1 | 794 | 794 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338489 - 177-02

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104349 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88431 Sample Preparation: 2013-08-15 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 30.7 | 30.7 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338489 - 177-02

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104137 Date Analyzed: 2013-08-15 Analyzed By: MC
 Prep Batch: 88237 Sample Preparation: 2013-08-15 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 3020 | 3020 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338489 - 177-02

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104437 Date Analyzed: 2013-08-27 Analyzed By: SAS
 Prep Batch: 88496 Sample Preparation: 2013-08-27 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 4.20 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338490 - 177-03A

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104349 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88431 Sample Preparation: 2013-08-15 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|----|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | Qs | 1 | 1230 | 1230 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338490 - 177-03A

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104349 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88431 Sample Preparation: 2013-08-15 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 17.1 | 17.1 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338490 - 177-03A

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104137 Date Analyzed: 2013-08-15 Analyzed By: MC
 Prep Batch: 88237 Sample Preparation: 2013-08-15 Prepared By: MC

continued . . .

sample 338490 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 4120 | 4120 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338490 - 177-03A

Laboratory: Lubbock

Analysis: TKN

QC Batch: 104437

Prep Batch: 88496

Analytical Method: SM 4500-NH3 B,C

Date Analyzed: 2013-08-27

Sample Preparation: 2013-08-27

Prep Method: N/A

Analyzed By: SAS

Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 2.80 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338491 - 177-04

Laboratory: El Paso

Analysis: Chloride (IC)

QC Batch: 104349

Prep Batch: 88431

Analytical Method: E 300.0

Date Analyzed: 2013-08-15

Sample Preparation: 2013-08-15

Prep Method: N/A

Analyzed By: JR

Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|----|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | Qs | 1 | 1270 | 1270 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338491 - 177-04

Laboratory: El Paso

Analysis: NO3 (IC)

QC Batch: 104349

Prep Batch: 88431

Analytical Method: E 300.0

Date Analyzed: 2013-08-15

Sample Preparation: 2013-08-15

Prep Method: N/A

Analyzed By: JR

Prepared By: JR

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Nitrate-N | | 1 | 19.1 | 19.1 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338491 - 177-04

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104137 Date Analyzed: 2013-08-15 Analyzed By: MC
 Prep Batch: 88237 Sample Preparation: 2013-08-15 Prepared By: MC

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 3530 | 3530 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338491 - 177-04

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104437 Date Analyzed: 2013-08-27 Analyzed By: SAS
 Prep Batch: 88496 Sample Preparation: 2013-08-27 Prepared By: SAS

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 2.10 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338492 - 177-05

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104350 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88432 Sample Preparation: 2013-08-15 Prepared By: JR

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|----|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | qs | 1 | 1640 | 1640 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338492 - 177-05

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104350 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88432 Sample Preparation: 2013-08-15 Prepared By: JR

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 30.5 | 30.5 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338492 - 177-05

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104137 Date Analyzed: 2013-08-15 Analyzed By: MC
 Prep Batch: 88237 Sample Preparation: 2013-08-15 Prepared By: MC

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 4420 | 4420 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338492 - 177-05

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104437 Date Analyzed: 2013-08-27 Analyzed By: SAS
 Prep Batch: 88496 Sample Preparation: 2013-08-27 Prepared By: SAS

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 2.80 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338493 - 177-07R

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104350 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88432 Sample Preparation: 2013-08-15 Prepared By: JR

continued ...

sample 338493 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|----|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | Qs | 1 | 1010 | 1010 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338493 - 177-07R

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104350 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88432 Sample Preparation: 2013-08-15 Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Nitrate-N | | 1 | 30.3 | 30.3 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338493 - 177-07R

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104137 Date Analyzed: 2013-08-15 Analyzed By: MC
 Prep Batch: 88237 Sample Preparation: 2013-08-15 Prepared By: MC

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 3540 | 3540 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338493 - 177-07R

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104437 Date Analyzed: 2013-08-27 Analyzed By: SAS
 Prep Batch: 88496 Sample Preparation: 2013-08-27 Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 2.80 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 104137
Prep Batch: 88237Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15Analyzed By: MC
Prepared By: MC

| Parameter | F | C | Result | Units | Reporting Limits |
|------------------------|---|---|--------|-------|------------------|
| Total Dissolved Solids | | 1 | <2.50 | mg/L | 2.5 |

Method Blank (1)

QC Batch: 104261
Prep Batch: 88349Date Analyzed: 2013-08-14
QC Preparation: 2013-08-14Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Chloride | | 1 | 1.32 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 104261
Prep Batch: 88349Date Analyzed: 2013-08-14
QC Preparation: 2013-08-14Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)

QC Batch: 104349
Prep Batch: 88431Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Chloride | | 1 | 1.34 | mg/L | 0.0195 |

Method Blank (1)QC Batch: 104349
Prep Batch: 88431Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)QC Batch: 104350
Prep Batch: 88432Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Chloride | | 1 | 1.33 | mg/L | 0.0195 |

Method Blank (1)QC Batch: 104350
Prep Batch: 88432Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)QC Batch: 104437
Prep Batch: 88496Date Analyzed: 2013-08-27
QC Preparation: 2013-08-27Analyzed By: SAS
Prepared By: SAS

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| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Duplicate (1) Duplicated Sample: 338491

QC Batch: 104137
Prep Batch: 88237

Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15

Analyzed By: MC
Prepared By: MC

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|------------------|---------------|-------|----------|-----|-----------|
| Total Dissolved Solids | | 1 | 3830 | 3530 | mg/L | 1 | 8 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104137
Prep Batch: 88237

Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15

Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Dissolved Solids | | 1 | 910 | mg/L | 1 | 1000 | <2.50 | 91 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Total Dissolved Solids | | 1 | 1010 | mg/L | 1 | 1000 | <2.50 | 101 | 90 - 110 | 10 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104261
Prep Batch: 88349

Date Analyzed: 2013-08-14
QC Preparation: 2013-08-14

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 25.5 | mg/L | 1 | 25.0 | <0.0195 | 102 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | | 1 | 25.5 | mg/L | 1 | 25.0 | <0.0195 | 102 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104261
Prep Batch: 88349

Date Analyzed: 2013-08-14
QC Preparation: 2013-08-14

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 5.22 | mg/L | 1 | 5.00 | <0.0327 | 104 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 5.21 | mg/L | 1 | 5.00 | <0.0327 | 104 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104349
Prep Batch: 88431

Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 25.6 | mg/L | 50 | 25.0 | <0.975 | 102 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 25.6 | mg/L | 50 | 25.0 | <0.975 | 102 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104349
Prep Batch: 88431

Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 1 | 5.18 | mg/L | 5 | 5.00 | <0.164 | 104 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 5.19 | mg/L | 5 | 5.00 | <0.164 | 104 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104350
Prep Batch: 88432

Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 25.7 | mg/L | 1 | 25.0 | <0.0195 | 103 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit |
|----------|---|---|----------------|-------|------|-----------------|------------------|---------------|----------|--------------|
| Chloride | | 1 | 25.5 | mg/L | 1 | 25.0 | <0.0195 | 102 | 90 - 110 | 1 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104350
Prep Batch: 88432

Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 5.20 | mg/L | 1 | 5.00 | <0.0327 | 104 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|----------------|-------|------|-----------------|------------------|---------------|----------|--------------|
| Nitrate-N | | 1 | 5.17 | mg/L | 1 | 5.00 | <0.0327 | 103 | 90 - 110 | 1 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104437
Prep Batch: 88496

Date Analyzed: 2013-08-27
QC Preparation: 2013-08-27

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 47.6 | mg/L | 1 | 50.0 | <1.66 | 95 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|----------------|-------|------|-----------------|------------------|---------------|------------|--------------|
| Total Kjeldahl Nitrogen - N | | 2 | 48.3 | mg/L | 1 | 50.0 | <1.66 | 97 | 79.2 - 115 | 1 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338375

QC Batch: 104261 Date Analyzed: 2013-08-14 Analyzed By: JR
Prep Batch: 88349 QC Preparation: 2013-08-14 Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 1950 | mg/L | 62.5 | 1560 | 317 | 105 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 1940 | mg/L | 62.5 | 1560 | 317 | 104 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338375

QC Batch: 104261 Date Analyzed: 2013-08-14 Analyzed By: JR
Prep Batch: 88349 QC Preparation: 2013-08-14 Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 1 | 339 | mg/L | 62.5 | 312 | 9.57 | 106 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 336 | mg/L | 62.5 | 312 | 9.57 | 105 | 90 - 110 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338489

QC Batch: 104349 Date Analyzed: 2013-08-15 Analyzed By: JR
Prep Batch: 88431 QC Preparation: 2013-08-15 Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|----|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Chloride | Qs | 1 | 2360 | mg/L | 55.6 | 1390 | 794 | 113 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|----|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | Qs | 1 | 2360 | mg/L | 55.6 | 1390 | 794 | 113 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338489

QC Batch: 104349 Date Analyzed: 2013-08-15 Analyzed By: JR
Prep Batch: 88431 QC Preparation: 2013-08-15 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 321 | mg/L | 55.6 | 278 | 30.7 | 104 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Nitrate-N | | 1 | 322 | mg/L | 55.6 | 278 | 30.7 | 105 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338493

QC Batch: 104350 Date Analyzed: 2013-08-15 Analyzed By: JR
Prep Batch: 88432 QC Preparation: 2013-08-15 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|----|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | Qs | 1 | 2600 | mg/L | 55.6 | 1390 | 1010 | 114 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|----|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | Qs | 1 | 2600 | mg/L | 55.6 | 1390 | 1010 | 114 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338493

QC Batch: 104350 Date Analyzed: 2013-08-15 Analyzed By: JR
Prep Batch: 88432 QC Preparation: 2013-08-15 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 322 | mg/L | 55.6 | 278 | 30.3 | 105 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike | Matrix | Rec. | | RPD | |
|-----------|---|---|--------|-------|------|--------|--------|------|----------|-----|-------|
| | | | Result | Units | | Amount | Result | Rec. | Limit | RPD | Limit |
| Nitrate-N | | 1 | 323 | mg/L | 55.6 | 278 | 30.3 | 105 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338493

QC Batch: 104437
Prep Batch: 88496

Date Analyzed: 2013-08-27
QC Preparation: 2013-08-27

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | MS | | Dil. | Spike | Matrix | Rec. | | RPD | |
|-----------------------------|---|---|--------|-------|------|--------|--------|------|------------|-----|-------|
| | | | Result | Units | | Amount | Result | Rec. | Limit | RPD | Limit |
| Total Kjeldahl Nitrogen - N | | 2 | 46.2 | mg/L | 1 | 50.0 | 2.8 | 87 | 58.1 - 115 | | |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike | Matrix | Rec. | | RPD | |
|-----------------------------|---|---|--------|-------|------|--------|--------|------|------------|-----|-------|
| | | | Result | Units | | Amount | Result | Rec. | Limit | RPD | Limit |
| Total Kjeldahl Nitrogen - N | | 2 | 46.9 | mg/L | 1 | 50.0 | 2.8 | 88 | 58.1 - 115 | 2 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 104261

Date Analyzed: 2013-08-14

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.9 | 100 | 90 - 110 | 2013-08-14 |

Standard (CCV-1)

QC Batch: 104261

Date Analyzed: 2013-08-14

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.09 | 102 | 90 - 110 | 2013-08-14 |

Standard (CCV-2)

QC Batch: 104261

Date Analyzed: 2013-08-14

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 25.0 | 100 | 90 - 110 | 2013-08-14 |

Standard (CCV-2)

QC Batch: 104261

Date Analyzed: 2013-08-14

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.11 | 102 | 90 - 110 | 2013-08-14 |

Standard (CCV-1)

QC Batch: 104349

Date Analyzed: 2013-08-15

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 25.0 | 100 | 90 - 110 | 2013-08-15 |

Standard (CCV-1)

QC Batch: 104349

Date Analyzed: 2013-08-15

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.11 | 102 | 90 - 110 | 2013-08-15 |

Standard (CCV-2)

QC Batch: 104349

Date Analyzed: 2013-08-15

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 25.1 | 100 | 90 - 110 | 2013-08-15 |

Standard (CCV-2)

QC Batch: 104349

Date Analyzed: 2013-08-15

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.14 | 103 | 90 - 110 | 2013-08-15 |

Standard (CCV-1)

QC Batch: 104350

Date Analyzed: 2013-08-15

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 25.1 | 100 | 90 - 110 | 2013-08-15 |

Standard (CCV-1)

QC Batch: 104350

Date Analyzed: 2013-08-15

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.14 | 103 | 90 - 110 | 2013-08-15 |

Standard (CCV-2)

QC Batch: 104350

Date Analyzed: 2013-08-15

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 25.1 | 100 | 90 - 110 | 2013-08-15 |

Standard (CCV-2)

QC Batch: 104350

Date Analyzed: 2013-08-15

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.14 | 103 | 90 - 110 | 2013-08-15 |

Standard (ICV-1)

QC Batch: 104437

Date Analyzed: 2013-08-27

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-08-27 |

Standard (CCV-1)

QC Batch: 104437

Date Analyzed: 2013-08-27

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.76 | 95 | 85 - 115 | 2013-08-27 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike | |
|---------------|-----------------|--------|------------|-----------------------------|--------|------|
| | | | | | Amount | Pass |
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.0500 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0833 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

13081335

6701 Aberdeen, Ste. 9
Lubbock, TX 79424
Tel (806) 794-1296
Fax (806) 794-1298

TraceAnalysis, Inc.

155 McCutcheon, Ste. H
Paso, TX 79932
Tel (915) 585-3443
Fax (915) 585-4944

Page 1 of 1
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: _____ Phone #: 915-859-8150

D&H Petroleum & Environmental Services Cell #: _____

Address: (Street, City, Zip) _____ Fax #: _____

1221 Tower Trail Ln, El Paso TX 79907 E-mail: vajala@dhpump.com

Contact Person: _____
Victor Ayala

Invoice to (if different from above): _____

Gonzalez Dairy, PO Box 199, Mesquite, NM 88048

Project #: 422544 Joe Gonzalez 575-233-4801

Project Name: Gonzalez Dairy Inc. (Gonzalez Farnes)

Sampler Signature: *Chal NR*

Project Location (including state): Gonzalez Dairy, 14310 Stern Dr., Mesquite, NM

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | PRESERVATIVE METHOD | | | | SAMPLING | | |
|--------|------------|--------------|---------------|--------|-----|--------|---------------------|------------------|--------------------------------|------|----------|---------|-------|
| | | | | WATER | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE |
| 338488 | 177-01 | 1 | 250ml | X | | | | X | | | | 8-13-13 | 13:24 |
| 1-2 | 177-01 | 1 | 250ml | X | | | | X | | | | 8-13-13 | 13:24 |
| 87-1 | 177-02 | 1 | 250ml | X | | | | X | | | | 8-13-13 | 14:21 |
| 1-2 | 177-02 | 1 | 250ml | X | | | | X | | | | 8-13-13 | 14:21 |
| 90-1 | 177-03A | 1 | 250ml | X | | | | X | | | | 8-13-13 | 12:45 |
| 1-2 | 177-03A | 1 | 250ml | X | | | | X | | | | 8-13-13 | 12:45 |
| 91-1 | 177-04 | 1 | 250ml | X | | | | X | | | | 8-13-13 | 11:34 |
| 1-2 | 177-04 | 1 | 250ml | X | | | | X | | | | 8-13-13 | 11:34 |
| 92-1 | 177-05 | 1 | 250ml | X | | | | X | | | | 8-13-13 | 10:32 |
| 1-2 | 177-05 | 1 | 250ml | X | | | | X | | | | 8-13-13 | 10:32 |
| 477-06 | | 1 | | X | | | | X | | | | | |
| 177-06 | | 1 | | X | | | | X | | | | | |
| 98-1 | 177-07 R | 1 | 250ml | X | | | | X | | | | 8-13-13 | 14:45 |
| 1-2 | 177-07 R | 1 | 250ml | X | | | | X | | | | 8-13-13 | 14:45 |

ANALYSIS REQUEST

| | |
|--------------------------------------------------|---|
| MTBE 8021B/602 | |
| BTEX 8021B/602 | |
| TPH 418.1 / TX1005 | |
| TX 1005 Extended (C35) | |
| PAH 8270C | |
| PAH 8270 (Low Level Analysis) | |
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | |
| Nitrates EPA 300 | X |
| TKN SM 4500 NORG C | X |
| Chloride EPA 300 | X |
| Total Dissolved Solids SM 2540 C MOD | X |
| Turn Around Time | |
| Hold | |

Relinquished By: *Chal NR* Date: 8-13-13 Time: 15:27

Received By: *James T. Kelly* Date: 8-13-13 Time: 15:27

Relinquished By: *Sanjay* Date: 8-13-13 Time: 16:30

Received at Laboratory By: *Chal NR* Date: 8-14-13 Time: 9:00

Lab Use Only
Intact (Y) / N
Headspace Y / N
Temp 3/3 C
Log-in Review Date: 8-14-13

Remarks: 163 3.1/3.0
NO₃ / TDS / Cl in EP
OFFER JS: 486 83701
Dry Weight Basis Required
TRRP Report Required



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
 200 East Sunset Road, Suite E El Paso, Texas 79922 915-585-3443 FAX 915-585-4944
 5002 Basin Street, Suite A1 Midland, Texas 79703 432-689-6301 FAX 432-689-6313
 (BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972-242-7750
 E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Isaac Dominguez
 Dominguez Dairy #2
 13600 Stern Drive
 P. O. Box 21
 Mesquite, NM, 88048

Report Date: September 4, 2013

Work Order: 13081543



Project Location: 13600 Stern Drive, Mesquite, NM
 Project Name: Dominguez Dairy #2
 Project #: 42

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 338786 | 42-09 | water | 0136-08-15 | 11:11 | 2013-08-15 |
| 338787 | 42-13 | water | 0136-08-15 | 10:07 | 2013-08-15 |
| 338788 | 42 Lagoon | water | 0136-08-15 | 10:41 | 2013-08-15 |
| 338789 | 42-03 | water | 0136-08-15 | 09:27 | 2013-08-15 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 21 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project Dominguez Dairy #2 were received by TraceAnalysis, Inc. on 2013-08-15 and assigned to work order 13081543. Samples for work order 13081543 were received intact at a temperature of 2 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|---------------|---------------------|-------------|---------------------|
| Chloride (IC) | E 300.0 | 88514 | 2013-08-15 at 23:47 | 104458 | 2013-08-15 at 23:47 |
| Chloride (IC) | E 300.0 | 88515 | 2013-08-16 at 04:08 | 104459 | 2013-08-16 at 04:08 |
| NO3 (IC) | E 300.0 | 88514 | 2013-08-15 at 23:47 | 104458 | 2013-08-15 at 23:47 |
| NO3 (IC) | E 300.0 | 88515 | 2013-08-16 at 04:08 | 104459 | 2013-08-16 at 04:08 |
| TDS | SM 2540C | 88338 | 2013-08-20 at 15:30 | 104251 | 2013-08-20 at 15:30 |
| TKN | SM 4500-NH3 B,C | 88698 | 2013-09-03 at 12:00 | 104688 | 2013-09-03 at 21:30 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13081543 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 338786 - 42-09

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104458 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88514 Sample Preparation: 2013-08-15 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 725 | 725 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338786 - 42-09

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104458 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88514 Sample Preparation: 2013-08-15 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 56.1 | 56.1 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338786 - 42-09

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104251 Date Analyzed: 2013-08-20 Analyzed By: MC
 Prep Batch: 88338 Sample Preparation: 2013-08-20 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 3010 | 3010 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338786 - 42-09

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104688 Date Analyzed: 2013-09-03 Analyzed By: SAS
 Prep Batch: 88698 Sample Preparation: 2013-09-03 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | | 2 | 37.8 | 37.8 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338787 - 42-13

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104458 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88514 Sample Preparation: 2013-08-15 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 891 | 891 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338787 - 42-13

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104458 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88514 Sample Preparation: 2013-08-15 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 59.9 | 59.9 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338787 - 42-13

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104251 Date Analyzed: 2013-08-20 Analyzed By: MC
 Prep Batch: 88338 Sample Preparation: 2013-08-20 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 3380 | 3380 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338787 - 42-13

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104688 Date Analyzed: 2013-09-03 Analyzed By: SAS
 Prep Batch: 88698 Sample Preparation: 2013-09-03 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 3.50 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338788 - 42 Lagoon

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104458 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88514 Sample Preparation: 2013-08-15 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 847 | 847 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338788 - 42 Lagoon

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104458 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88514 Sample Preparation: 2013-08-15 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 2.75 | 2.75 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338788 - 42 Lagoon

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104251 Date Analyzed: 2013-08-20 Analyzed By: MC
 Prep Batch: 88338 Sample Preparation: 2013-08-20 Prepared By: MC

continued . . .

sample 338788 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 2660 | 2660 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338788 - 42 Lagoon

Laboratory: Lubbock

Analysis: TKN

QC Batch: 104688

Prep Batch: 88698

Analytical Method: SM 4500-NH3 B,C

Date Analyzed: 2013-09-03

Sample Preparation: 2013-09-03

Prep Method: N/A

Analyzed By: SAS

Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | | 2 | 242 | 242 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338789 - 42-03

Laboratory: El Paso

Analysis: Chloride (IC)

QC Batch: 104459

Prep Batch: 88515

Analytical Method: E 300.0

Date Analyzed: 2013-08-16

Sample Preparation: 2013-08-16

Prep Method: N/A

Analyzed By: JR

Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|----|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | Qs | 1 | 1090 | 1090 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338789 - 42-03

Laboratory: El Paso

Analysis: NO3 (IC)

QC Batch: 104459

Prep Batch: 88515

Analytical Method: E 300.0

Date Analyzed: 2013-08-16

Sample Preparation: 2013-08-16

Prep Method: N/A

Analyzed By: JR

Prepared By: JR

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Nitrate-N | | 1 | 67.5 | 67.5 | <0.327 | mg/L | 10 | 0.327 | 0.5 | 0.0327 |

Sample: 338789 - 42-03

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104251 Date Analyzed: 2013-08-20 Analyzed By: MC
 Prep Batch: 88338 Sample Preparation: 2013-08-20 Prepared By: MC

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 3560 | 3560 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338789 - 42-03

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104688 Date Analyzed: 2013-09-03 Analyzed By: SAS
 Prep Batch: 88698 Sample Preparation: 2013-09-03 Prepared By: SAS

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | | 2 | 17.5 | 17.5 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 104251
Prep Batch: 88338Date Analyzed: 2013-08-20
QC Preparation: 2013-08-20Analyzed By: MC
Prepared By: MC

| Parameter | F | C | Result | Units | Reporting Limits |
|------------------------|---|---|--------|-------|------------------|
| Total Dissolved Solids | | 1 | <2.50 | mg/L | 2.5 |

Method Blank (1)

QC Batch: 104458
Prep Batch: 88514Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Chloride | | 1 | 1.33 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 104458
Prep Batch: 88514Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)

QC Batch: 104459
Prep Batch: 88515Date Analyzed: 2013-08-16
QC Preparation: 2013-08-16Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)QC Batch: 104459
Prep Batch: 88515Date Analyzed: 2013-08-16
QC Preparation: 2013-08-16Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)QC Batch: 104688
Prep Batch: 88698Date Analyzed: 2013-09-03
QC Preparation: 2013-09-03Analyzed By: SAS
Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Duplicate (1) Duplicated Sample: 339149QC Batch: 104251
Prep Batch: 88338Date Analyzed: 2013-08-20
QC Preparation: 2013-08-20Analyzed By: MC
Prepared By: MC

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|------------------|---------------|-------|----------|-----|-----------|
| Total Dissolved Solids | | 1 | 3560 | 3280 | mg/L | 1 | 8 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104251
Prep Batch: 88338Date Analyzed: 2013-08-20
QC Preparation: 2013-08-20Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Dissolved Solids | | 1 | 976 | mg/L | 1 | 1000 | <2.50 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Total Dissolved Solids | | 1 | 975 | mg/L | 1 | 1000 | <2.50 | 98 | 90 - 110 | 0 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104458
Prep Batch: 88514Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 24.8 | mg/L | 1 | 25.0 | <0.0195 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | | 1 | 24.8 | mg/L | 1 | 25.0 | <0.0195 | 99 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104458
Prep Batch: 88514Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 5.02 | mg/L | 1 | 5.00 | <0.0327 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 5.02 | mg/L | 1 | 5.00 | <0.0327 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104459
Prep Batch: 88515

Date Analyzed: 2013-08-16
QC Preparation: 2013-08-16

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 24.9 | mg/L | 1 | 25.0 | <0.0195 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 24.9 | mg/L | 1 | 25.0 | <0.0195 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104459
Prep Batch: 88515

Date Analyzed: 2013-08-16
QC Preparation: 2013-08-16

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 1 | 5.04 | mg/L | 1 | 5.00 | <0.0327 | 101 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 5.04 | mg/L | 1 | 5.00 | <0.0327 | 101 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104688
Prep Batch: 88698

Date Analyzed: 2013-09-03
QC Preparation: 2013-09-03

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 47.6 | mg/L | 1 | 50.0 | <1.66 | 95 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|-----------------------------|---|---|----------------|-------|------|-----------------|------------------|---------------|------------|--------------|----|
| Total Kjeldahl Nitrogen - N | | 2 | 48.3 | mg/L | 1 | 50.0 | <1.66 | 97 | 79.2 - 115 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338786

QC Batch: 104458 Date Analyzed: 2013-08-15 Analyzed By: JR
Prep Batch: 88514 QC Preparation: 2013-08-15 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 2230 | mg/L | 55.6 | 1390 | 725 | 108 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|----------|---|---|---------------|-------|------|-----------------|------------------|---------------|----------|--------------|----|
| Chloride | | 1 | 2240 | mg/L | 55.6 | 1390 | 725 | 109 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338786

QC Batch: 104458 Date Analyzed: 2013-08-15 Analyzed By: JR
Prep Batch: 88514 QC Preparation: 2013-08-15 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 336 | mg/L | 55.6 | 278 | 56.1 | 101 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|-----------|---|---|---------------|-------|------|-----------------|------------------|---------------|----------|--------------|----|
| Nitrate-N | | 1 | 337 | mg/L | 55.6 | 278 | 56.1 | 101 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338789

QC Batch: 104459 Date Analyzed: 2013-08-16 Analyzed By: JR
Prep Batch: 88515 QC Preparation: 2013-08-16 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|----|---|-----------|-------|------|--------------|---------------|------|------------|
| Chloride | Qs | 1 | 2670 | mg/L | 55.6 | 1390 | 1090 | 114 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|----|---|------------|-------|------|--------------|---------------|------|------------|-----|-----------|
| Chloride | Qs | 1 | 2680 | mg/L | 55.6 | 1390 | 1090 | 114 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338789

QC Batch: 104459 Date Analyzed: 2013-08-16 Analyzed By: JR
Prep Batch: 88515 QC Preparation: 2013-08-16 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|-----------|-------|------|--------------|---------------|------|------------|
| Nitrate-N | | 1 | 358 | mg/L | 55.6 | 278 | 67.5 | 104 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|------------|-------|------|--------------|---------------|------|------------|-----|-----------|
| Nitrate-N | | 1 | 359 | mg/L | 55.6 | 278 | 67.5 | 105 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 339152

QC Batch: 104688 Date Analyzed: 2013-09-03 Analyzed By: SAS
Prep Batch: 88698 QC Preparation: 2013-09-03 Prepared By: SAS

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|-----------|-------|------|--------------|---------------|------|------------|
| Total Kjeldahl Nitrogen - N | | 2 | 54.6 | mg/L | 1 | 50.0 | 6.3 | 97 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|------------|-------|------|--------------|---------------|------|------------|-----|-----------|
| Total Kjeldahl Nitrogen - N | | 2 | 56.7 | mg/L | 1 | 50.0 | 6.3 | 101 | 58.1 - 115 | 4 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 104458

Date Analyzed: 2013-08-15

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 25.0 | 100 | 90 - 110 | 2013-08-15 |

Standard (CCV-1)

QC Batch: 104458

Date Analyzed: 2013-08-15

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.13 | 103 | 90 - 110 | 2013-08-15 |

Standard (CCV-2)

QC Batch: 104458

Date Analyzed: 2013-08-15

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 25.1 | 100 | 90 - 110 | 2013-08-15 |

Standard (CCV-2)

QC Batch: 104458

Date Analyzed: 2013-08-15

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.14 | 103 | 90 - 110 | 2013-08-15 |

Standard (CCV-1)

QC Batch: 104459

Date Analyzed: 2013-08-16

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 25.1 | 100 | 90 - 110 | 2013-08-16 |

Standard (CCV-1)

QC Batch: 104459

Date Analyzed: 2013-08-16

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.14 | 103 | 90 - 110 | 2013-08-16 |

Standard (CCV-2)

QC Batch: 104459

Date Analyzed: 2013-08-16

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 25.1 | 100 | 90 - 110 | 2013-08-16 |

Standard (CCV-2)

QC Batch: 104459

Date Analyzed: 2013-08-16

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.14 | 103 | 90 - 110 | 2013-08-16 |

Standard (ICV-1)

QC Batch: 104688

Date Analyzed: 2013-09-03

Analyzed By: SAS

Report Date: September 4, 2013

Work Order: 13081543
Dominguez Dairy #2

Page Number: 19 of 21
13600 Stern Drive, Mesquite, NM

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-03 |

Standard (CCV-1)

QC Batch: 104688

Date Analyzed: 2013-09-03

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.76 | 95 | 85 - 115 | 2013-09-03 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike | |
|---------------|-----------------|--------|------------|-----------------------------|--------|------|
| | | | | | Amount | Pass |
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.0500 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0833 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

13081543

6707 Aberdeen, Ste. 9 Lubbock, TX 79424 Tel (806) 794-1296 Fax (806) 794-1298

TraceAnalysis, Inc.

Company Name: D&H Petroleum & Environmental Services

Address: (Street, City, Zip) 1221 Tower Trail Ln., El Paso, Texas 79907

Contact Person: Victor Ayala

Phone #: 915-859-8150 Cell #: Fax #: E-mail: vayala@dhpump.com

Invoice to (if different from above): Dominguez Dairy #2, P.O. Box 21, Mesquite, NM 88048

Project #: 422541 Project Name: Dominguez Dairy #2

Sampler Signature: *Angel N Rivera*

Project Location (including state): Dominguez Dairy #2, 13600 Stern Drive, Mesquite, NM

Page 1 of 1
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 13081543

ANALYSIS REQUEST

| | |
|--------------------------------------------------|---|
| PAH 8270 (Low Level Analysis) | |
| PAH 8270C | |
| TX 1005 Extended (C35) | |
| TPH 418.1 / TX1005 | |
| BTEX 8021B/602 | |
| MTBE 8021B/602 | |
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | X |
| Nitrates EPA 300 | X |
| Total Kjeldhal Nitrogen SM 4500 NORG C | X |
| Chloride EPA 300.0 | X |
| Total Dissolved Solids SM 2540 C MOD | X |

| LAB # (LAB USE ONLY) | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | Sampling | | | |
|-------------------------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|------|---------|-------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME |
| 338786-1 | 42-1A | 1 | 250ml | X | | | | X | | | | X | | 8-15-13 | 11:11 |
| 338786-2 | 42-1A | 1 | 250ml | X | | | | X | | | | X | | 8-15-13 | 11:11 |
| 338787-1 | 42-13 | 1 | 250ml | X | | | | X | | | | X | | 8-15-13 | 10:07 |
| 338787-2 | 42-13 | 1 | 250ml | X | | | | X | | | | X | | 8-15-13 | 10:07 |
| 338788-1 | 42 Lagoon | 1 | 250ml | X | | | | X | | | | X | | 8-15-13 | 10:41 |
| 338788-2 | 42 Lagoon | 1 | 250ml | X | | | | X | | | | X | | 8-15-13 | 10:41 |
| 338789-1 | 42-03 | 1 | 250ml | X | | | | X | | | | X | | 8-15-13 | 9:27 |
| 338789-2 | 42-03 | 1 | 250ml | X | | | | X | | | | X | | 8-15-13 | 9:27 |

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | Sampling | | Turn Around Time | Hold | |
|-------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|------|------------------|------|------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | | | DATE |
| | | | | | | | | | | | | | | | | |
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Relinquished By: *Victor Ayala* Date: 8-15-13 Time: 14:31

Received By: *Victor Ayala* Date: 8-15-13 Time: 14:31

Relinquished By: *Victor Ayala* Date: 8-15-13 Time: 16:30

Received At Laboratory By: *Victor Ayala* Date: 8-16-13 Time: 9:00

Lab Use Only
Intact / N
Headspace Y / N
Temp 3/2 °C
Log-in Review

Remarks: TDS, NO₃, SI, WSP
US 48033703
By JAL
Dry Weight Basis Required
TRRP Report Required
R-15-200



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
 200 East Sunset Road, Suite E El Paso, Texas 79922 915-585-3443 FAX 915-585-4944
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 (BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972-242-7750
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Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Isaac Dominguez
 Dominguez Dairy #1
 13950 Stern Drive
 P.O. Box 21
 Mesquite, NM, 88048

Report Date: September 4, 2013

Work Order: 13081443



DP: 624
 Project Location: 13950 Stern Dr., Mesquite, NM
 Project Name: Dominguez Dairy #1

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 338587 | 624-01 | water | 2013-08-14 | 12:23 | 2013-08-14 |
| 338588 | 624-02 | water | 2013-08-14 | 10:56 | 2013-08-14 |
| 338589 | 624 Lagoon | water | 2013-08-14 | 14:01 | 2013-08-14 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 16 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Dr. Blair Leftwich, Director
 Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project Dominguez Dairy #1 were received by TraceAnalysis, Inc. on 2013-08-14 and assigned to work order 13081443. Samples for work order 13081443 were received intact at a temperature of 3 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|---------------|---------------------|-------------|---------------------|
| Chloride (IC) | E 300.0 | 88513 | 2013-08-15 at 19:42 | 104457 | 2013-08-15 at 19:42 |
| NO3 (IC) | E 300.0 | 88513 | 2013-08-15 at 19:42 | 104457 | 2013-08-15 at 19:42 |
| TDS | SM 2540C | 88242 | 2013-08-15 at 12:00 | 104142 | 2013-08-15 at 12:00 |
| TKN | SM 4500-NH3 B,C | 88698 | 2013-09-03 at 12:00 | 104688 | 2013-09-03 at 21:30 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13081443 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 338587 - 624-01

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104457 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88513 Sample Preparation: 2013-08-15 Prepared By: JR

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|----|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | Qs | 1 | 970 | 970 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338587 - 624-01

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104457 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88513 Sample Preparation: 2013-08-15 Prepared By: JR

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 15.4 | 15.4 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338587 - 624-01

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104142 Date Analyzed: 2013-08-15 Analyzed By: MC
 Prep Batch: 88242 Sample Preparation: 2013-08-15 Prepared By: MC

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2990 | 2990 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338587 - 624-01

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104688 Date Analyzed: 2013-09-03 Analyzed By: SAS
 Prep Batch: 88698 Sample Preparation: 2013-09-03 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 3.50 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338588 - 624-02

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104457 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88513 Sample Preparation: 2013-08-15 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|----|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | Qs | 1 | 1030 | 1030 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 338588 - 624-02

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104457 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88513 Sample Preparation: 2013-08-15 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 11.4 | 11.4 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 338588 - 624-02

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104142 Date Analyzed: 2013-08-15 Analyzed By: MC
 Prep Batch: 88242 Sample Preparation: 2013-08-15 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 3350 | 3350 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338588 - 624-02

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104688 Date Analyzed: 2013-09-03 Analyzed By: SAS
 Prep Batch: 88698 Sample Preparation: 2013-09-03 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|-------------|-------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 4.20 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 338589 - 624 Lagoon

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104457 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88513 Sample Preparation: 2013-08-15 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|----|---|-------------|-------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Chloride | Qs | 1 | 7850 | 7850 | <19.5 | mg/L | 1000 | 19.5 | 2.5 | 0.0195 |

Sample: 338589 - 624 Lagoon

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104457 Date Analyzed: 2013-08-15 Analyzed By: JR
 Prep Batch: 88513 Sample Preparation: 2013-08-15 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|--------|-------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | U | 1 | <0.327 | <5.00 | <0.327 | mg/L | 10 | 0.327 | 0.5 | 0.0327 |

Sample: 338589 - 624 Lagoon

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104142 Date Analyzed: 2013-08-15 Analyzed By: MC
 Prep Batch: 88242 Sample Preparation: 2013-08-15 Prepared By: MC

continued . . .

sample 338589 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 29200 | 29200 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 338589 - 624 Lagoon

Laboratory: Lubbock
 Analysis: TKN
 QC Batch: 104688
 Prep Batch: 88698

Analytical Method: SM 4500-NH3 B,C
 Date Analyzed: 2013-09-03
 Sample Preparation: 2013-09-03

Prep Method: N/A
 Analyzed By: SAS
 Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | | 2 | 224 | 224 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 104142
Prep Batch: 88242Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15Analyzed By: MC
Prepared By: MC

| Parameter | F | C | Result | Units | Reporting Limits |
|------------------------|---|---|--------|-------|------------------|
| Total Dissolved Solids | | 1 | <2.50 | mg/L | 2.5 |

Method Blank (1)

QC Batch: 104457
Prep Batch: 88513Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 104457
Prep Batch: 88513Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)

QC Batch: 104688
Prep Batch: 88698Date Analyzed: 2013-09-03
QC Preparation: 2013-09-03Analyzed By: SAS
Prepared By: SAS

Report Date: September 4, 2013

Work Order: 13081443
Dominguez Dairy #1

Page Number: 9 of 16
13950 Stern Dr., Mesquite, NM

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Duplicate (1) Duplicated Sample: 338588

QC Batch: 104142
Prep Batch: 88242

Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15

Analyzed By: MC
Prepared By: MC

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|------------------|---------------|-------|----------|-----|-----------|
| Total Dissolved Solids | | 1 | 3040 | 3350 | mg/L | 1 | 10 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104142
Prep Batch: 88242Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Dissolved Solids | | 1 | 952 | mg/L | 1 | 1000 | <2.50 | 95 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Total Dissolved Solids | | 1 | 961 | mg/L | 1 | 1000 | <2.50 | 96 | 90 - 110 | 1 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104457
Prep Batch: 88513Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 24.9 | mg/L | 1 | 25.0 | <0.0195 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | | 1 | 24.8 | mg/L | 1 | 25.0 | <0.0195 | 99 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104457
Prep Batch: 88513Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 5.05 | mg/L | 1 | 5.00 | <0.0327 | 101 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 5.02 | mg/L | 1 | 5.00 | <0.0327 | 100 | 90 - 110 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104688
Prep Batch: 88698

Date Analyzed: 2013-09-03
QC Preparation: 2013-09-03

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 47.6 | mg/L | 1 | 50.0 | <1.66 | 95 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 48.3 | mg/L | 1 | 50.0 | <1.66 | 97 | 79.2 - 115 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338587

QC Batch: 104457
Prep Batch: 88513

Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|----|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Chloride | Qs | 1 | 2520 | mg/L | 55.6 | 1390 | 970 | 112 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|----|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Chloride | Qs | 1 | 2510 | mg/L | 55.6 | 1390 | 970 | 111 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 338587

QC Batch: 104457
Prep Batch: 88513

Date Analyzed: 2013-08-15
QC Preparation: 2013-08-15

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 298 | mg/L | 55.6 | 278 | 15.4 | 102 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|-----------|---|---|---------------|-------|------|-----------------|------------------|---------------|----------|--------------|----|
| Nitrate-N | | 1 | 295 | mg/L | 55.6 | 278 | 15.4 | 100 | 90 - 110 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 339152

QC Batch: 104688
Prep Batch: 88698

Date Analyzed: 2013-09-03
QC Preparation: 2013-09-03

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 54.6 | mg/L | 1 | 50.0 | 6.3 | 97 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|---------------|------------|--------------|----|
| Total Kjeldahl Nitrogen - N | | 2 | 56.7 | mg/L | 1 | 50.0 | 6.3 | 101 | 58.1 - 115 | 4 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 104457

Date Analyzed: 2013-08-15

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 25.0 | 100 | 90 - 110 | 2013-08-15 |

Standard (CCV-1)

QC Batch: 104457

Date Analyzed: 2013-08-15

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.11 | 102 | 90 - 110 | 2013-08-15 |

Standard (CCV-2)

QC Batch: 104457

Date Analyzed: 2013-08-15

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 25.0 | 100 | 90 - 110 | 2013-08-15 |

Standard (CCV-2)

QC Batch: 104457

Date Analyzed: 2013-08-15

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.13 | 103 | 90 - 110 | 2013-08-15 |

Standard (ICV-1)

QC Batch: 104688

Date Analyzed: 2013-09-03

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-03 |

Standard (CCV-1)

QC Batch: 104688

Date Analyzed: 2013-09-03

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.76 | 95 | 85 - 115 | 2013-09-03 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike | |
|---------------|-----------------|--------|------------|-----------------------------|--------|------|
| | | | | | Amount | Pass |
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.0500 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0833 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

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TraceAnalysis, Inc.

155 McCutcheon, Ste. H
Paso, TX 79932
Tel (915) 585-3443
Fax (915) 585-4944

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: D&H Petroleum & Environmental Services Phone #: 915-859-8150

Address: (Street, City, Zip) 1221 Tower Trail Ln, El Paso TX 79907 Cell #: vajala@dhpump.com

Contact Person: Victor Ayala E-mail: vajala@dhpump.com

Invoice to (if different from above): Dominguez Dairy #1, PO Box 21, Mesquite, NM 88048

Project #: 422539 Project Name: Isaac Dominguez 575-649-7040

Project Location (including state): Dominguez Dairy #1, 13950 Stern Dr., Mesquite, NM

Sampler Signature: *Clay Walker*

| LAB # (LAB USE ONLY) | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | Sampling | | TIME | DATE | |
|-------------------------|-------------------|--------------|------------------|--------------|------|-----|--------|---------------------|------------------|--------------------------------|------|--------------|------|------|---------|-------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | | | DATE |
| 338587 | 624-01 | 1 | 250mL | X | | | | X | | | | X | | | 8-14-13 | 12:23 |
| 1-2 | 624-01 | 1 | 250mL | X | | | | X | | | | X | | | 8-14-13 | 12:23 |
| 881 | 624-02 | 1 | 250mL | X | | | | X | | | | X | | | 8-14-13 | 10:56 |
| 1-2 | 624-02 | 1 | 250mL | X | | | | X | | | | X | | | 8-14-13 | 10:56 |
| 624-04 | 624-04 | 1 | 250mL | X | | | | X | | | | X | | | | |
| 624-04 | 624-04 | 1 | 250mL | X | | | | X | | | | X | | | | |
| 624-05 | 624-05 | 1 | 250mL | X | | | | X | | | | X | | | | |
| 624-05 | 624-05 | 1 | 250mL | X | | | | X | | | | X | | | | |
| 624-06 | 624-06 | 1 | 250mL | X | | | | X | | | | X | | | | |
| 624-06 | 624-06 | 1 | 250mL | X | | | | X | | | | X | | | | |
| 624-07 | 624-07 | 1 | 250mL | X | | | | X | | | | X | | | | |
| 624-07 | 624-07 | 1 | 250mL | X | | | | X | | | | X | | | | |
| 624-08 | 624-08 | 1 | 250mL | X | | | | X | | | | X | | | | |
| 624-08 | 624-08 | 1 | 250mL | X | | | | X | | | | X | | | | |
| 338587 | 624 Lagoon | 1 | 250mL | X | | | | X | | | | X | | | 8-14-13 | 14:01 |
| 1-2 | 624 Lagoon | 1 | 250mL | X | | | | X | | | | X | | | 8-14-13 | 14:01 |

| Relinquished By: | Date: | Time: | Received By: | Date: | Time: |
|--------------------|---------|-------|-------------------|---------|-------|
| <i>Clay Walker</i> | 8-14-13 | 14:20 | <i>Danny deH-</i> | 8-14-13 | 14:20 |
| <i>Danny deH-</i> | 8-14-13 | 16:30 | <i>Danny deH-</i> | 8-15-13 | 8:37 |

| ANALYSIS REQUEST | MTBE 8021B/602 | BTEX 8021B/602 | TPH 418.1 / TX1005 | TX 1005 Extended (C35) | PAH 8270C | PAH 8270 (Low Level Analysis) | Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | Nitrates EPA 300 | TKN SM 4500 NORG C | Chloride EPA 300 | Total Dissolved Solids SM 2540 C MOD | Hold |
|------------------|----------------|----------------|--------------------|------------------------|-----------|-------------------------------|--------------------------------------------------|------------------|--------------------|------------------|--------------------------------------|------|
| | X | X | X | X | X | X | X | X | X | X | X | |
| | X | X | X | X | X | X | X | X | X | X | X | |
| | X | X | X | X | X | X | X | X | X | X | X | |
| | X | X | X | X | X | X | X | X | X | X | X | |
| | X | X | X | X | X | X | X | X | X | X | X | |
| | X | X | X | X | X | X | X | X | X | X | X | |
| | X | X | X | X | X | X | X | X | X | X | X | |
| | X | X | X | X | X | X | X | X | X | X | X | |
| | X | X | X | X | X | X | X | X | X | X | X | |
| | X | X | X | X | X | X | X | X | X | X | X | |

Remarks: *KE US-48033702*
NO₂, Cl, TPC & E.P.
TKN & UAN
Lab Use Only
Intac (Y/N) Y
Headspace (Y/N) N
Temp 12-1 4/3
Log-in Review

Dry Weight Basis Required
TRRP Report Required



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
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 (BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972-242-7750
 E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Isaac Dominguez
 Dominguez Dairy #2
 13600 Stern Drive
 P. O. Box 21
 Mesquite, NM, 88048

Report Date: September 6, 2013

Work Order: 13082037



Project Location: 13600 Stern Drive, Mesquite, NM
 Project Name: Dominguez Dairy #2
 Project #: 42

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 339150 | 42-2 | water | 2013-08-20 | 12:55 | 2013-08-20 |
| 339151 | 42-6 | water | 2013-08-20 | 11:35 | 2013-08-20 |
| 339152 | 42-8 | water | 2013-08-20 | 13:33 | 2013-08-20 |
| 339153 | 42-10 | water | 2013-08-20 | 15:32 | 2013-08-20 |
| 339154 | 42-11 | water | 2013-08-20 | 14:30 | 2013-08-20 |
| 339155 | 42-12 | water | 2013-08-20 | 14:57 | 2013-08-20 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 25 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project Dominguez Dairy #2 were received by TraceAnalysis, Inc. on 2013-08-20 and assigned to work order 13082037. Samples for work order 13082037 were received intact at a temperature of 0 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|------------|---------------------|----------|---------------------|
| Chloride (IC) | E 300.0 | 88516 | 2013-08-20 at 19:27 | 104460 | 2013-08-20 at 19:27 |
| Chloride (IC) | E 300.0 | 88517 | 2013-08-20 at 23:32 | 104461 | 2013-08-20 at 23:32 |
| NO3 (IC) | E 300.0 | 88516 | 2013-08-20 at 19:27 | 104460 | 2013-08-20 at 19:27 |
| NO3 (IC) | E 300.0 | 88517 | 2013-08-20 at 23:32 | 104461 | 2013-08-20 at 23:32 |
| TDS | SM 2540C | 88414 | 2013-08-22 at 14:00 | 104334 | 2013-08-22 at 14:00 |
| TKN | SM 4500-NH3 B,C | 88698 | 2013-09-03 at 12:00 | 104688 | 2013-09-03 at 21:30 |
| TKN | SM 4500-NH3 B,C | 88776 | 2013-09-05 at 16:00 | 104775 | 2013-09-05 at 20:00 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13082037 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 339150 - 42-2

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104460 Date Analyzed: 2013-08-20 Analyzed By: JR
 Prep Batch: 88516 Sample Preparation: 2013-08-20 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 459 | 459 | <0.195 | mg/L | 10 | 0.195 | 2.5 | 0.0195 |

Sample: 339150 - 42-2

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104460 Date Analyzed: 2013-08-20 Analyzed By: JR
 Prep Batch: 88516 Sample Preparation: 2013-08-20 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 14.5 | 14.5 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 339150 - 42-2

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104334 Date Analyzed: 2013-08-22 Analyzed By: MC
 Prep Batch: 88414 Sample Preparation: 2013-08-22 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2360 | 2360 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 339150 - 42-2

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104688 Date Analyzed: 2013-09-03 Analyzed By: SAS
 Prep Batch: 88698 Sample Preparation: 2013-09-03 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 4.90 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 339151 - 42-6

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104460 Date Analyzed: 2013-08-20 Analyzed By: JR
 Prep Batch: 88516 Sample Preparation: 2013-08-20 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 432 | 432 | <0.195 | mg/L | 10 | 0.195 | 2.5 | 0.0195 |

Sample: 339151 - 42-6

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104460 Date Analyzed: 2013-08-20 Analyzed By: JR
 Prep Batch: 88516 Sample Preparation: 2013-08-20 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 95.1 | 95.1 | <0.327 | mg/L | 10 | 0.327 | 0.5 | 0.0327 |

Sample: 339151 - 42-6

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104334 Date Analyzed: 2013-08-22 Analyzed By: MC
 Prep Batch: 88414 Sample Preparation: 2013-08-22 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2580 | 2580 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 339151 - 42-6

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104688 Date Analyzed: 2013-09-03 Analyzed By: SAS
 Prep Batch: 88698 Sample Preparation: 2013-09-03 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|-------------|-------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 4.90 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 339152 - 42-8

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104460 Date Analyzed: 2013-08-20 Analyzed By: JR
 Prep Batch: 88516 Sample Preparation: 2013-08-20 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|------------|------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 292 | 292 | <0.195 | mg/L | 10 | 0.195 | 2.5 | 0.0195 |

Sample: 339152 - 42-8

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104460 Date Analyzed: 2013-08-20 Analyzed By: JR
 Prep Batch: 88516 Sample Preparation: 2013-08-20 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|-------------|-------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 30.3 | 30.3 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 339152 - 42-8

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104334 Date Analyzed: 2013-08-22 Analyzed By: MC
 Prep Batch: 88414 Sample Preparation: 2013-08-22 Prepared By: MC

continued . . .

sample 339152 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 2000 | 2000 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 339152 - 42-8

Laboratory: Lubbock

Analysis: TKN

QC Batch: 104688

Prep Batch: 88698

Analytical Method: SM 4500-NH3 B,C

Date Analyzed: 2013-09-03

Sample Preparation: 2013-09-03

Prep Method: N/A

Analyzed By: SAS

Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 6.30 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 339153 - 42-10

Laboratory: El Paso

Analysis: Chloride (IC)

QC Batch: 104461

Prep Batch: 88517

Analytical Method: E 300.0

Date Analyzed: 2013-08-20

Sample Preparation: 2013-08-20

Prep Method: N/A

Analyzed By: JR

Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 423 | 423 | <0.195 | mg/L | 10 | 0.195 | 2.5 | 0.0195 |

Sample: 339153 - 42-10

Laboratory: El Paso

Analysis: NO3 (IC)

QC Batch: 104461

Prep Batch: 88517

Analytical Method: E 300.0

Date Analyzed: 2013-08-20

Sample Preparation: 2013-08-20

Prep Method: N/A

Analyzed By: JR

Prepared By: JR

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Nitrate-N | J | 1 | 0.991 | <2.50 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 339153 - 42-10

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104334 Date Analyzed: 2013-08-22 Analyzed By: MC
 Prep Batch: 88414 Sample Preparation: 2013-08-22 Prepared By: MC

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 1540 | 1540 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 339153 - 42-10

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104775 Date Analyzed: 2013-09-05 Analyzed By: SAS
 Prep Batch: 88776 Sample Preparation: Prepared By: SAS

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 9.10 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 339154 - 42-11

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104461 Date Analyzed: 2013-08-20 Analyzed By: JR
 Prep Batch: 88517 Sample Preparation: 2013-08-20 Prepared By: JR

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 334 | 334 | <0.195 | mg/L | 10 | 0.195 | 2.5 | 0.0195 |

Sample: 339154 - 42-11

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104461 Date Analyzed: 2013-08-20 Analyzed By: JR
 Prep Batch: 88517 Sample Preparation: 2013-08-20 Prepared By: JR

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | J | 1 | 1.50 | <2.50 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 339154 - 42-11

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104334 Date Analyzed: 2013-08-22 Analyzed By: MC
 Prep Batch: 88414 Sample Preparation: 2013-08-22 Prepared By: MC

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 1280 | 1280 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 339154 - 42-11

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104775 Date Analyzed: 2013-09-05 Analyzed By: SAS
 Prep Batch: 88776 Sample Preparation: Prepared By: SAS

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 2.80 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 339155 - 42-12

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104461 Date Analyzed: 2013-08-20 Analyzed By: JR
 Prep Batch: 88517 Sample Preparation: 2013-08-20 Prepared By: JR

continued ...

sample 339155 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 337 | 337 | <0.195 | mg/L | 10 | 0.195 | 2.5 | 0.0195 |

Sample: 339155 - 42-12

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104461 Date Analyzed: 2013-08-20 Analyzed By: JR
 Prep Batch: 88517 Sample Preparation: 2013-08-20 Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Nitrate-N | J | 1 | 1.77 | <2.50 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 339155 - 42-12

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104334 Date Analyzed: 2013-08-22 Analyzed By: MC
 Prep Batch: 88414 Sample Preparation: 2013-08-22 Prepared By: MC

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 1200 | 1200 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 339155 - 42-12

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104775 Date Analyzed: 2013-09-05 Analyzed By: SAS
 Prep Batch: 88776 Sample Preparation: Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 3.50 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 104334
Prep Batch: 88414Date Analyzed: 2013-08-22
QC Preparation: 2013-08-22Analyzed By: MC
Prepared By: MC

| Parameter | F | C | Result | Units | Reporting Limits |
|------------------------|---|---|--------|-------|------------------|
| Total Dissolved Solids | | 1 | <2.50 | mg/L | 2.5 |

Method Blank (1)

QC Batch: 104460
Prep Batch: 88516Date Analyzed: 2013-08-20
QC Preparation: 2013-08-20Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 104460
Prep Batch: 88516Date Analyzed: 2013-08-20
QC Preparation: 2013-08-20Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)

QC Batch: 104461
Prep Batch: 88517Date Analyzed: 2013-08-20
QC Preparation: 2013-08-20Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Chloride | | 1 | 1.33 | mg/L | 0.0195 |

Method Blank (1)QC Batch: 104461
Prep Batch: 88517Date Analyzed: 2013-08-20
QC Preparation: 2013-08-20Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)QC Batch: 104688
Prep Batch: 88698Date Analyzed: 2013-09-03
QC Preparation: 2013-09-03Analyzed By: SAS
Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Method Blank (1)QC Batch: 104775
Prep Batch: 88776Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05Analyzed By: SAS
Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Duplicate (1) Duplicated Sample: 339374QC Batch: 104334
Prep Batch: 88414Date Analyzed: 2013-08-22
QC Preparation: 2013-08-22Analyzed By: MC
Prepared By: MC

Report Date: September 6, 2013

Work Order: 13082037
Dominguez Dairy #2

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13600 Stern Drive, Mesquite, NM

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|---------------------|------------------|-------|----------|-----|--------------|
| Total Dissolved Solids | | 1 | 3260 | 3180 | mg/L | 1 | 2 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104334
Prep Batch: 88414Date Analyzed: 2013-08-22
QC Preparation: 2013-08-22Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Dissolved Solids | | 1 | 974 | mg/L | 1 | 1000 | <2.50 | 97 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Total Dissolved Solids | | 1 | 979 | mg/L | 1 | 1000 | <2.50 | 98 | 90 - 110 | 0 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104460
Prep Batch: 88516Date Analyzed: 2013-08-20
QC Preparation: 2013-08-20Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 24.2 | mg/L | 1 | 25.0 | <0.0195 | 97 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | | 1 | 24.2 | mg/L | 1 | 25.0 | <0.0195 | 97 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104460
Prep Batch: 88516Date Analyzed: 2013-08-20
QC Preparation: 2013-08-20Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 4.90 | mg/L | 1 | 5.00 | <0.0327 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 47.6 | mg/L | 1 | 50.0 | <1.66 | 95 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------------|------------|-----------|----|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 48.3 | mg/L | 1 | 50.0 | <1.66 | 97 | 79.2 - 115 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104775
Prep Batch: 88776

Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | <1.66 | 99 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------------|------------|-----------|----|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 48.3 | mg/L | 1 | 50.0 | <1.66 | 97 | 79.2 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 339152

QC Batch: 104460
Prep Batch: 88516

Date Analyzed: 2013-08-20
QC Preparation: 2013-08-20

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 1700 | mg/L | 55.6 | 1390 | 292 | 101 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|----------|---|---|--------|-------|------|--------------|---------------|------------|----------|-----------|----|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 1680 | mg/L | 55.6 | 1390 | 292 | 100 | 90 - 110 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 339152QC Batch: 104460
Prep Batch: 88516Date Analyzed: 2013-08-20
QC Preparation: 2013-08-20Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 311 | mg/L | 55.6 | 278 | 30.3 | 101 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Nitrate-N | | 1 | 307 | mg/L | 55.6 | 278 | 30.3 | 100 | 90 - 110 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 339155QC Batch: 104461
Prep Batch: 88517Date Analyzed: 2013-08-20
QC Preparation: 2013-08-20Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 1730 | mg/L | 55.6 | 1390 | 337 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | | 1 | 1730 | mg/L | 55.6 | 1390 | 337 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 339155QC Batch: 104461
Prep Batch: 88517Date Analyzed: 2013-08-20
QC Preparation: 2013-08-20Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 277 | mg/L | 55.6 | 278 | <1.82 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Nitrate-N | | 1 | 277 | mg/L | 55.6 | 278 | <1.82 | 99 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 339152

QC Batch: 104688
 Prep Batch: 88698

Date Analyzed: 2013-09-03
 QC Preparation: 2013-09-03

Analyzed By: SAS
 Prepared By: SAS

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 54.6 | mg/L | 1 | 50.0 | 6.3 | 97 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 56.7 | mg/L | 1 | 50.0 | 6.3 | 101 | 58.1 - 115 | 4 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 339154

QC Batch: 104775
 Prep Batch: 88776

Date Analyzed: 2013-09-05
 QC Preparation: 2013-09-05

Analyzed By: SAS
 Prepared By: SAS

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | 2.8 | 94 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 51.1 | mg/L | 1 | 50.0 | 2.8 | 97 | 58.1 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 104460

Date Analyzed: 2013-08-20

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.4 | 98 | 90 - 110 | 2013-08-20 |

Standard (CCV-1)

QC Batch: 104460

Date Analyzed: 2013-08-20

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.01 | 100 | 90 - 110 | 2013-08-20 |

Standard (CCV-2)

QC Batch: 104460

Date Analyzed: 2013-08-20

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.7 | 99 | 90 - 110 | 2013-08-20 |

Standard (CCV-2)

QC Batch: 104460

Date Analyzed: 2013-08-20

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.05 | 101 | 90 - 110 | 2013-08-20 |

Standard (CCV-1)

QC Batch: 104461

Date Analyzed: 2013-08-20

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.7 | 99 | 90 - 110 | 2013-08-20 |

Standard (CCV-1)

QC Batch: 104461

Date Analyzed: 2013-08-20

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.05 | 101 | 90 - 110 | 2013-08-20 |

Standard (CCV-2)

QC Batch: 104461

Date Analyzed: 2013-08-20

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.9 | 100 | 90 - 110 | 2013-08-20 |

Standard (CCV-2)

QC Batch: 104461

Date Analyzed: 2013-08-20

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.10 | 102 | 90 - 110 | 2013-08-20 |

Standard (ICV-1)

QC Batch: 104688

Date Analyzed: 2013-09-03

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-03 |

Standard (CCV-1)

QC Batch: 104688

Date Analyzed: 2013-09-03

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.76 | 95 | 85 - 115 | 2013-09-03 |

Standard (ICV-1)

QC Batch: 104775

Date Analyzed: 2013-09-05

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-05 |

Standard (CCV-1)

QC Batch: 104775

Date Analyzed: 2013-09-05

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-05 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike | |
|---------------|-----------------|--------|------------|-----------------------------|--------|------|
| | | | | | Amount | Pass |
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.0500 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0833 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

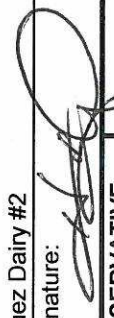
The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

13082037



6701 Aberdeen, Ste. 9
 Lubbock, TX 79424
 Tel (806) 794-1296
 Fax (806) 794-1298



TraceAnalysis, Inc.
 Phone #: 915-859-8150
 Cell #:
 Fax #:
 E-mail: vayala@dhpump.com

D&H Petroleum & Environmental Services
 Address: (Street, City, Zip)
 1221 Tower Trail Ln., El Paso, Texas 79907
 Contact Person:
 Victor Ayala

Invoice to (if different from above):
 Dominguez Dairy #2, P.O. Box 21, Mesquite, NM 88048
 Project #: 422541
 Project Name: Dominguez Dairy #2
 Sampler Signature: 

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | SAMPLING | | | |
|----------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|------|---------|------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME |
| 339150-1 | 42-2 | 1 | 250ml | X | | | | X | X | X | X | | | 8-20-13 | 1255 |
| ↓ -2 | 42-2 | 1 | | X | | | | X | X | X | X | | | 8-20-13 | 1255 |
| | 42-3 | 1 | | X | | | | X | X | X | X | | | | |
| | 42-3 | 1 | | X | | | | X | X | X | X | | | 8-20-13 | 1135 |
| 339151-1 | 42-6 | 1 | | X | | | | X | X | X | X | | | 8-20-13 | 1135 |
| ↓ -2 | 42-6 | 1 | | X | | | | X | X | X | X | | | 8-20-13 | 1135 |
| | 42-7 | 1 | | X | | | | X | X | X | X | | | | |
| | 42-7 | 1 | | X | | | | X | X | X | X | | | | |
| 339152-1 | 42-8 | 1 | | X | | | | X | X | X | X | | | 8-20-13 | 1333 |
| ↓ -2 | 42-8 | 1 | | X | | | | X | X | X | X | | | 8-20-13 | 1333 |
| | 42-9 | 1 | | X | | | | X | X | X | X | | | | |
| | 42-9 | 1 | | X | | | | X | X | X | X | | | 8-20-13 | 1532 |
| 339153-1 | 42-10 | 1 | | X | | | | X | X | X | X | | | 8-20-13 | 1532 |
| ↓ -2 | 42-10 | 1 | | X | | | | X | X | X | X | | | 8-20-13 | 1532 |
| 339154-1 | 42-11 | 1 | | X | | | | X | X | X | X | | | 8-20-13 | 1430 |
| ↓ -2 | 42-11 | 1 | | X | | | | X | X | X | X | | | 8-20-13 | 1430 |

Relinquished By:  Date: 8/20/13 Time: 1613
 Received By:  Date: 8/20/13 Time: 1430

Relinquished By:  Date: 8/22/13 Time: 1630
 Received By:  Date: 8/22/13 Time: 8:20

Lab Use Only
 Intact Y/N
 Headspace Y/N
 Temp 0/10/20
 Log-in Review

Remarks: TDS, Cl, NO₃, NH₄
 IR3 4.7/4.6
 Dry Weight Basis Required
 TRRP Report Required

155 McCutcheon, Ste. H El Paso, TX 79932
Tel (915) 585-3443
Fax (915) 585-4944

Company Name: D&H Petroleum & Environmental Services
 Address: (Street, City, Zip) 1221 Tower Trail Ln., El Paso, Texas 79907
 Contact Person: Victor Ayala
 Phone #: 915-859-8150
 Cell #:
 Fax #:
 E-mail: vayala@dhpump.com

Project #: 422541
 Project Name: Dominguez Dairy #2
 Project Location (including state): Dominguez Dairy #2, P.O. Box 21, Mesquite, NM 88048
 Dominguez Dairy #2, 13600 Stern Drive, Mesquite, NM
 Sampler Signature:

| LAB # (LAB USE ONLY) | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | SAMPLING | | | |
|-------------------------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|------|---------|------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME |
| 839155-1 | 42-12 | 1 | | X | | | | X | X | X | X | | | 8-20-13 | 1457 |
| | 42-12 | 1 | | X | | | | X | X | X | X | | | 8-20-13 | 1457 |
| | 42-13 | 1 | | X | | | | X | X | X | X | | | | |
| | 42-13 | 1 | | X | | | | X | X | X | X | | | | |
| | 42-Lagoon | 1 | | X | | | | X | X | X | X | | | | |
| | 42-Lagoon | 1 | | X | | | | X | X | X | X | | | | |

Relinquished By: [Signature] Date: 8/20/13 Time: 1613
 Received By: [Signature] Date: 8/20/13 Time: 1613

Relinquished By: [Signature] Date: 8/21/13 Time: 630
 Received By: [Signature] Date: 8/21/13 Time: 630

ANALYSIS REQUEST

| | |
|--------------------------------------------------|---|
| MTBE 8021B/602 | |
| BTEX 8021B/602 | |
| TPH 418.1 / TX1005 | |
| TX 1005 Extended (C35) | |
| PAH 8270C | |
| PAH 8270 (Low Level Analysis) | |
| Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 | X |
| Nitrates EPA 300 | X |
| Total Kjeldhal Nitrogen SM 4500 NORG C | X |
| Chloride EPA 300.0 | X |
| Total Dissolved Solids SM 2540 C MOD | X |

| | |
|------------------|--|
| Turn Around Time | |
| Hold | |

Remarks: TDS, Cl, NO₃ in 50
8/21/13 183 4:7/4.6
 Dry Weight Basis Required
 TRRP Report Required



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
 200 East Sunset Road, Suite E El Paso, Texas 79922 915-585-3443 FAX 915-585-4944
 5002 Basin Street, Suite A1 Midland, Texas 79703 432-689-6301 FAX 432-689-6313
 (BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972-242-7750
 E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Fernie Franco
 Buena Vista Dairy #2
 16910 Stern Drive
 P.O. Box 346
 Mesquite, NM, 88048

Report Date: September 10, 2013

Work Order: 13082152



DP: 74
 Project Location: 16910 Stern Drive, Mesquite, NM
 Project Name: Buena Vista Dairy #2

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 339374 | 74-1 | water | 2013-08-21 | 12:52 | 2013-08-21 |
| 339375 | 74-2 | water | 2013-08-21 | 13:50 | 2013-08-21 |
| 339376 | 74-3 | water | 2013-08-21 | 14:43 | 2013-08-21 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 17 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Dr. Blair Leftwich, Director
 Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project Buena Vista Dairy #2 were received by TraceAnalysis, Inc. on 2013-08-21 and assigned to work order 13082152. Samples for work order 13082152 were received intact at a temperature of 4.0 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|------------|---------------------|----------|---------------------|
| Chloride (IC) | E 300.0 | 88518 | 2013-08-22 at 19:37 | 104462 | 2013-08-22 at 19:32 |
| NO3 (IC) | E 300.0 | 88518 | 2013-08-22 at 19:37 | 104462 | 2013-08-22 at 19:32 |
| TDS | SM 2540C | 88414 | 2013-08-22 at 14:00 | 104334 | 2013-08-22 at 14:00 |
| TKN | SM 4500-NH3 B,C | 88776 | 2013-09-05 at 16:00 | 104775 | 2013-09-05 at 20:00 |
| TKN | SM 4500-NH3 B,C | 88854 | 2013-09-09 at 12:00 | 104866 | 2013-09-09 at 18:00 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13082152 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 339374 - 74-1

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104462 Date Analyzed: 2013-08-22 Analyzed By: JR
 Prep Batch: 88518 Sample Preparation: 2013-08-22 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 829 | 829 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 339374 - 74-1

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104462 Date Analyzed: 2013-08-22 Analyzed By: JR
 Prep Batch: 88518 Sample Preparation: 2013-08-22 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 63.9 | 63.9 | <0.327 | mg/L | 10 | 0.327 | 0.5 | 0.0327 |

Sample: 339374 - 74-1

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104334 Date Analyzed: 2013-08-22 Analyzed By: MC
 Prep Batch: 88414 Sample Preparation: 2013-08-22 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 3180 | 3180 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 339374 - 74-1

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104866 Date Analyzed: 2013-09-09 Analyzed By: SAS
 Prep Batch: 88854 Sample Preparation: 2013-09-09 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 2.80 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 339375 - 74-2

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104462 Date Analyzed: 2013-08-22 Analyzed By: JR
 Prep Batch: 88518 Sample Preparation: 2013-08-22 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 564 | 564 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 339375 - 74-2

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104462 Date Analyzed: 2013-08-22 Analyzed By: JR
 Prep Batch: 88518 Sample Preparation: 2013-08-22 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 20.0 | 20.0 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 339375 - 74-2

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104334 Date Analyzed: 2013-08-22 Analyzed By: MC
 Prep Batch: 88414 Sample Preparation: 2013-08-22 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2220 | 2220 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 339375 - 74-2

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104775 Date Analyzed: 2013-09-05 Analyzed By: SAS
 Prep Batch: 88776 Sample Preparation: Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 2.80 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 339376 - 74-3

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104462 Date Analyzed: 2013-08-22 Analyzed By: JR
 Prep Batch: 88518 Sample Preparation: 2013-08-22 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 1230 | 1230 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 339376 - 74-3

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104462 Date Analyzed: 2013-08-22 Analyzed By: JR
 Prep Batch: 88518 Sample Preparation: 2013-08-22 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 5.62 | 5.62 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 339376 - 74-3

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104334 Date Analyzed: 2013-08-22 Analyzed By: MC
 Prep Batch: 88414 Sample Preparation: 2013-08-22 Prepared By: MC

continued . . .

sample 339376 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 4100 | 4100 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 339376 - 74-3

Laboratory: Lubbock
Analysis: TKN
QC Batch: 104775
Prep Batch: 88776

Analytical Method: SM 4500-NH3 B,C
Date Analyzed: 2013-09-05
Sample Preparation:

Prep Method: N/A
Analyzed By: SAS
Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 3.50 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 104334
Prep Batch: 88414Date Analyzed: 2013-08-22
QC Preparation: 2013-08-22Analyzed By: MC
Prepared By: MC

| Parameter | F | C | Result | Units | Reporting Limits |
|------------------------|---|---|--------|-------|------------------|
| Total Dissolved Solids | | 1 | <2.50 | mg/L | 2.5 |

Method Blank (1)

QC Batch: 104462
Prep Batch: 88518Date Analyzed: 2013-08-22
QC Preparation: 2013-08-22Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 104462
Prep Batch: 88518Date Analyzed: 2013-08-22
QC Preparation: 2013-08-22Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)

QC Batch: 104775
Prep Batch: 88776Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05Analyzed By: SAS
Prepared By: SAS

Report Date: September 10, 2013

Work Order: 13082152
Buena Vista Dairy #2

Page Number: 9 of 17
16910 Stern Drive, Mesquite, NM

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Method Blank (1)

QC Batch: 104866
Prep Batch: 88854

Date Analyzed: 2013-09-09
QC Preparation: 2013-09-09

Analyzed By: SAS
Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Duplicate (1) Duplicated Sample: 339374

QC Batch: 104334
Prep Batch: 88414

Date Analyzed: 2013-08-22
QC Preparation: 2013-08-22

Analyzed By: MC
Prepared By: MC

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|------------------|---------------|-------|----------|-----|-----------|
| Total Dissolved Solids | | 1 | 3260 | 3180 | mg/L | 1 | 2 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104334
Prep Batch: 88414Date Analyzed: 2013-08-22
QC Preparation: 2013-08-22Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Dissolved Solids | | 1 | 974 | mg/L | 1 | 1000 | <2.50 | 97 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Total Dissolved Solids | | 1 | 979 | mg/L | 1 | 1000 | <2.50 | 98 | 90 - 110 | 0 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104462
Prep Batch: 88518Date Analyzed: 2013-08-22
QC Preparation: 2013-08-22Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 24.6 | mg/L | 1 | 25.0 | <0.0195 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | | 1 | 24.6 | mg/L | 1 | 25.0 | <0.0195 | 98 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104462
Prep Batch: 88518Date Analyzed: 2013-08-22
QC Preparation: 2013-08-22Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 4.98 | mg/L | 1 | 5.00 | <0.0327 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 4.99 | mg/L | 1 | 5.00 | <0.0327 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104775 Date Analyzed: 2013-09-05 Analyzed By: SAS
 Prep Batch: 88776 QC Preparation: 2013-09-05 Prepared By: SAS

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | <1.66 | 99 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 48.3 | mg/L | 1 | 50.0 | <1.66 | 97 | 79.2 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104866 Date Analyzed: 2013-09-09 Analyzed By: SAS
 Prep Batch: 88854 QC Preparation: 2013-09-09 Prepared By: SAS

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | <1.66 | 99 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 49.0 | mg/L | 1 | 50.0 | <1.66 | 98 | 79.2 - 115 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 339375

QC Batch: 104462 Date Analyzed: 2013-08-22 Analyzed By: JR
 Prep Batch: 88518 QC Preparation: 2013-08-22 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 2030 | mg/L | 55.6 | 1390 | 564 | 105 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|----------|---|---|---------------|-------|------|-----------------|------------------|---------------|----------|--------------|----|
| Chloride | | 1 | 2030 | mg/L | 55.6 | 1390 | 564 | 105 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 339375

QC Batch: 104462
Prep Batch: 88518

Date Analyzed: 2013-08-22
QC Preparation: 2013-08-22

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 299 | mg/L | 55.6 | 278 | 20 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|-----------|---|---|---------------|-------|------|-----------------|------------------|---------------|----------|--------------|----|
| Nitrate-N | | 1 | 299 | mg/L | 55.6 | 278 | 20 | 108 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 339154

QC Batch: 104775
Prep Batch: 88776

Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | 2.8 | 94 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|---------------|------------|--------------|----|
| Total Kjeldahl Nitrogen - N | | 2 | 51.1 | mg/L | 1 | 50.0 | 2.8 | 97 | 58.1 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340370

QC Batch: 104866
Prep Batch: 88854

Date Analyzed: 2013-09-09
QC Preparation: 2013-09-09

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 38.5 | mg/L | 1 | 50.0 | 5.6 | 66 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|---------------|------------|--------------|----|
| Total Kjeldahl Nitrogen - N | | 2 | 39.2 | mg/L | 1 | 50.0 | 5.6 | 67 | 58.1 - 115 | 2 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 104462

Date Analyzed: 2013-08-22

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.4 | 98 | 90 - 110 | 2013-08-22 |

Standard (CCV-1)

QC Batch: 104462

Date Analyzed: 2013-08-22

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.94 | 99 | 90 - 110 | 2013-08-22 |

Standard (CCV-2)

QC Batch: 104462

Date Analyzed: 2013-08-22

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.8 | 99 | 90 - 110 | 2013-08-22 |

Standard (CCV-2)

QC Batch: 104462

Date Analyzed: 2013-08-22

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.00 | 100 | 90 - 110 | 2013-08-22 |

Standard (ICV-1)

QC Batch: 104775

Date Analyzed: 2013-09-05

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-05 |

Standard (CCV-1)

QC Batch: 104775

Date Analyzed: 2013-09-05

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-05 |

Standard (ICV-1)

QC Batch: 104866

Date Analyzed: 2013-09-09

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.62 | 92 | 85 - 115 | 2013-09-09 |

Standard (CCV-1)

QC Batch: 104866

Date Analyzed: 2013-09-09

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.76 | 95 | 85 - 115 | 2013-09-09 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike | |
|---------------|-----------------|--------|------------|-----------------------------|--------|------|
| | | | | | Amount | Pass |
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.0500 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0833 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

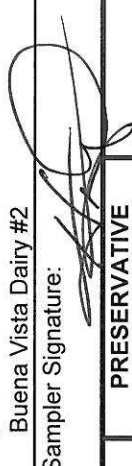
| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

TraceAnalysis, Inc.

Company Name: D&H Petroleum & Environmental Services
 Address: (Street, City, Zip) 1221 Tower Trail Ln., El Paso, Texas 79907
 Contact Person: Victor Ayala
 Phone #: 915-859-8150 Cell #:
 Fax #:
 E-mail: vayala@dhpump.com

Project Name: Buena Vista Dairy #2
 Project #: 422534
 Project Location (including state): Buena Vista Dairy #2, 16910 Stern Drive, Mesquite, NM
 Buena Vista Dairy #2, P.O. Box 346, Mesquite, NM 88048
 Fernie 575-233-4646
 Sampler Signature: 

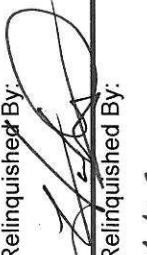
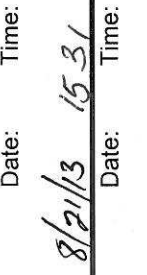
| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | DATE | SAMPLING TIME | |
|-----------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|------|---------------|------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | | | ICE |
| 339874-1 | 74-1 | 1 | 250ml | X | | | | X | | | | | 8-21-13 | 1252 |
| -2 | 74-1 | 1 | | X | | | | X | | | | | | 1252 |
| 881325-1 | 74-2 | 1 | | X | | | | X | | | | | | 1350 |
| -2 | 74-2 | 1 | | X | | | | X | | | | | | 1350 |
| 3395376-1 | 74-3 | 1 | | X | | | | X | | | | | | 1443 |
| -2 | 74-3 | 1 | | X | | | | X | | | | | | 1443 |
| | 74-4 | 1 | | X | | | | X | | | | | | |
| | 74-4 | 1 | | X | | | | X | | | | | | |
| | 74-5 | 1 | | X | | | | X | | | | | | |
| | 74-5 | 1 | | X | | | | X | | | | | | |
| | 74-Lagoon | 1 | | X | | | | X | | | | | | |
| | 74-Lagoon | 1 | | X | | | | X | | | | | | |

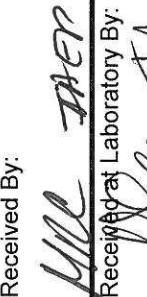
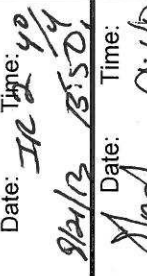
ANALYSIS REQUEST

MTBE 8021B/602
 BTEX 8021B/602
 TPH 418.1 / TX1005
 TX 1005 Extended (C35)
 PAH 8270C
 PAH 8270 (Low Level Analysis)
 Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7
 Nitrates EPA 300
 Total Kjeldahl Nitrogen SM 4500 NORG C
 Chloride EPA 300.0
 Total Dissolved Solids SM 2540 C MOD

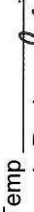
Turn Around Time

Hold

Relinquished By:  Date: 8/21/13 Time: 15:31
 Relinquished By:  Date: 8-21-13 Time: 16:30

Received By:  Date: 8/21/13 Time: 15:50
 Received at Laboratory By:  Date: 8/21/13 Time: 9:40

Date: 8/21/13 Time: 9:40

Lab Use Only
 Intact N
 Headspace Y / N
 Temp
 Log-in Review 

Remarks: on Ice
 TEN - analysis in Lubbock
 D&H TX AS: 48633709
 Dry Weight Basis Required
 TRRP Report Required



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
200 East Sunset Road, Suite E El Paso, Texas 79922 915-585-3443 FAX 915-585-4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432-689-6301 FAX 432-689-6313
(BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972-242-7750
E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

George Segura
Big Sky Dairy
17800 Stern Drive
P.O. Box 10
Mesquite, NM, 88048

Report Date: September 18, 2013

Work Order: 13082932



DP: 833
Project Location: 17800 Stern Drive, Mesquite, NM 88048
Project Name: Big Sky Dairy

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 340499 | 833-05 | water | 2013-08-29 | 09:27 | 2013-08-29 |
| 340500 | 833-07 | water | 2013-08-29 | 11:16 | 2013-08-29 |
| 340501 | 833-08 | water | 2013-08-29 | 11:45 | 2013-08-29 |
| 340502 | 833-09 | water | 2013-08-29 | 13:35 | 2013-08-29 |
| 340503 | 833-10 | water | 2013-08-29 | 14:17 | 2013-08-29 |
| 340504 | 833 Lagoon | water | 2013-08-29 | 09:46 | 2013-08-29 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 23 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project Big Sky Dairy were received by TraceAnalysis, Inc. on 2013-08-29 and assigned to work order 13082932. Samples for work order 13082932 were received intact at a temperature of 4.0 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|------------|---------------------|----------|---------------------|
| Chloride (IC) | E 300.0 | 88757 | 2013-09-02 at 15:57 | 104754 | 2013-09-02 at 15:57 |
| Chloride (IC) | E 300.0 | 88758 | 2013-09-02 at 20:10 | 104762 | 2013-09-02 at 20:10 |
| NO3 (IC) | E 300.0 | 88642 | 2013-08-31 at 06:46 | 104627 | 2013-08-31 at 06:46 |
| NO3 (IC) | E 300.0 | 88757 | 2013-09-02 at 15:57 | 104754 | 2013-09-02 at 15:57 |
| TDS | SM 2540C | 88712 | 2013-09-05 at 13:30 | 104706 | 2013-09-05 at 13:30 |
| TKN | SM 4500-NH3 B,C | 88861 | 2013-09-09 at 12:00 | 104873 | 2013-09-09 at 18:00 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13082932 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 340499 - 833-05

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104754 Date Analyzed: 2013-09-02 Analyzed By: JR
 Prep Batch: 88757 Sample Preparation: 2013-09-02 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|----|---|------------|------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Chloride | Qs | 1 | 911 | 911 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340499 - 833-05

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104627 Date Analyzed: 2013-08-31 Analyzed By: JR
 Prep Batch: 88642 Sample Preparation: 2013-08-31 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-------------|-------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 20.9 | 20.9 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 340499 - 833-05

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104706 Date Analyzed: 2013-09-05 Analyzed By: MC
 Prep Batch: 88712 Sample Preparation: 2013-09-05 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-------------|-------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2660 | 2660 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340499 - 833-05

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104873 Date Analyzed: 2013-09-09 Analyzed By: SAS
 Prep Batch: 88861 Sample Preparation: 2013-09-09 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | | 2 | 20.3 | 20.3 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 340500 - 833-07

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104754 Date Analyzed: 2013-09-02 Analyzed By: JR
 Prep Batch: 88757 Sample Preparation: 2013-09-02 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|----|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | Qs | 1 | 1330 | 1330 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340500 - 833-07

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104754 Date Analyzed: 2013-09-02 Analyzed By: JR
 Prep Batch: 88757 Sample Preparation: 2013-09-02 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | H | 1 | 78.4 | 78.4 | <0.327 | mg/L | 10 | 0.327 | 0.5 | 0.0327 |

Sample: 340500 - 833-07

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104706 Date Analyzed: 2013-09-05 Analyzed By: MC
 Prep Batch: 88712 Sample Preparation: 2013-09-05 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 4420 | 4420 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340500 - 833-07

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104873 Date Analyzed: 2013-09-09 Analyzed By: SAS
 Prep Batch: 88861 Sample Preparation: 2013-09-09 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 4.90 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 340501 - 833-08

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104754 Date Analyzed: 2013-09-02 Analyzed By: JR
 Prep Batch: 88757 Sample Preparation: 2013-09-02 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|----|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | Qs | 1 | 971 | 971 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340501 - 833-08

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104754 Date Analyzed: 2013-09-02 Analyzed By: JR
 Prep Batch: 88757 Sample Preparation: 2013-09-02 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | H | 1 | 79.6 | 79.6 | <0.327 | mg/L | 10 | 0.327 | 0.5 | 0.0327 |

Sample: 340501 - 833-08

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104706 Date Analyzed: 2013-09-05 Analyzed By: MC
 Prep Batch: 88712 Sample Preparation: 2013-09-05 Prepared By: MC

continued . . .

sample 340501 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 3300 | 3300 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340501 - 833-08

Laboratory: Lubbock

Analysis: TKN

QC Batch: 104873

Prep Batch: 88861

Analytical Method: SM 4500-NH3 B,C

Date Analyzed: 2013-09-09

Sample Preparation: 2013-09-09

Prep Method: N/A

Analyzed By: SAS

Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 4.90 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 340502 - 833-09

Laboratory: El Paso

Analysis: Chloride (IC)

QC Batch: 104754

Prep Batch: 88757

Analytical Method: E 300.0

Date Analyzed: 2013-09-02

Sample Preparation: 2013-09-02

Prep Method: N/A

Analyzed By: JR

Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|----|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | Qs | 1 | 786 | 786 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340502 - 833-09

Laboratory: El Paso

Analysis: NO3 (IC)

QC Batch: 104754

Prep Batch: 88757

Analytical Method: E 300.0

Date Analyzed: 2013-09-02

Sample Preparation: 2013-09-02

Prep Method: N/A

Analyzed By: JR

Prepared By: JR

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Nitrate-N | H | 1 | 82.2 | 82.2 | <0.327 | mg/L | 10 | 0.327 | 0.5 | 0.0327 |

Sample: 340502 - 833-09

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104706 Date Analyzed: 2013-09-05 Analyzed By: MC
 Prep Batch: 88712 Sample Preparation: 2013-09-05 Prepared By: MC

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 3860 | 3860 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340502 - 833-09

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104873 Date Analyzed: 2013-09-09 Analyzed By: SAS
 Prep Batch: 88861 Sample Preparation: 2013-09-09 Prepared By: SAS

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 3.50 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 340503 - 833-10

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104754 Date Analyzed: 2013-09-02 Analyzed By: JR
 Prep Batch: 88757 Sample Preparation: 2013-09-02 Prepared By: JR

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|----|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | Qs | 1 | 642 | 642 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340503 - 833-10

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104627 Date Analyzed: 2013-08-31 Analyzed By: JR
 Prep Batch: 88642 Sample Preparation: 2013-08-31 Prepared By: JR

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 3.77 | 3.77 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 340503 - 833-10

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104706 Date Analyzed: 2013-09-05 Analyzed By: MC
 Prep Batch: 88712 Sample Preparation: 2013-09-05 Prepared By: MC

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2800 | 2800 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340503 - 833-10

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104873 Date Analyzed: 2013-09-09 Analyzed By: SAS
 Prep Batch: 88861 Sample Preparation: 2013-09-09 Prepared By: SAS

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 4.20 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 340504 - 833 Lagoon

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104762 Date Analyzed: 2013-09-02 Analyzed By: JR
 Prep Batch: 88758 Sample Preparation: 2013-09-02 Prepared By: JR

continued ...

sample 340504 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------|------------------|---------------------|-------|----------|-------|------------------|------------------|
| Chloride | | 1 | 671 | 671 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340504 - 833 Lagoon

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104627 Date Analyzed: 2013-08-31 Analyzed By: JR
 Prep Batch: 88642 Sample Preparation: 2013-08-31 Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------|------------------|---------------------|-------|----------|-------|------------------|------------------|
| Nitrate-N | | 1 | 2.67 | 2.67 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 340504 - 833 Lagoon

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104706 Date Analyzed: 2013-09-05 Analyzed By: MC
 Prep Batch: 88712 Sample Preparation: 2013-09-05 Prepared By: MC

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------|------------------|---------------------|-------|----------|------|------------------|------------------|
| Total Dissolved Solids | | 1 | 4010 | 4010 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340504 - 833 Lagoon

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104873 Date Analyzed: 2013-09-09 Analyzed By: SAS
 Prep Batch: 88861 Sample Preparation: 2013-09-09 Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------|------------------|---------------------|-------|----------|------|------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | 290 | 290 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 104627
Prep Batch: 88642Date Analyzed: 2013-08-31
QC Preparation: 2013-08-31Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)

QC Batch: 104754
Prep Batch: 88757Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 104754
Prep Batch: 88757Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)

QC Batch: 104762
Prep Batch: 88758Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Chloride | | 1 | 1.29 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 104873
Prep Batch: 88861

Date Analyzed: 2013-09-09
QC Preparation: 2013-09-09

Analyzed By: SAS
Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Duplicate (1) Duplicated Sample: 340499

QC Batch: 104706
Prep Batch: 88712

Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05

Analyzed By: MC
Prepared By: MC

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|------------------|---------------|-------|----------|-----|-----------|
| Total Dissolved Solids | | 1 | 2580 | 2660 | mg/L | 1 | 3 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104627
Prep Batch: 88642

Date Analyzed: 2013-08-31
QC Preparation: 2013-08-31

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | Dil. | | | | |
| Nitrate-N | | 1 | 5.20 | mg/L | 1 | 5.00 | <0.0327 | 104 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | Dil. | | | | | | |
| Nitrate-N | | 1 | 5.22 | mg/L | 1 | 5.00 | <0.0327 | 104 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104706
Prep Batch: 88712

Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05

Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | Dil. | | | | |
| Total Dissolved Solids | | 1 | 989 | mg/L | 1 | 1000 | <2.50 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | Dil. | | | | | | |
| Total Dissolved Solids | | 1 | 991 | mg/L | 1 | 1000 | <2.50 | 99 | 90 - 110 | 0 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104754
Prep Batch: 88757

Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | Dil. | | | | |
| Chloride | | 1 | 25.8 | mg/L | 1 | 25.0 | <0.0195 | 103 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 25.9 | mg/L | 1 | 25.0 | <0.0195 | 104 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104754
Prep Batch: 88757

Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 1 | 4.98 | mg/L | 1 | 5.00 | <0.0327 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 5.00 | mg/L | 1 | 5.00 | <0.0327 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104762
Prep Batch: 88758

Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 24.4 | mg/L | 1 | 25.0 | <0.0195 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 24.3 | mg/L | 1 | 25.0 | <0.0195 | 97 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104873
Prep Batch: 88861

Date Analyzed: 2013-09-09
QC Preparation: 2013-09-09

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 51.1 | mg/L | 1 | 50.0 | <1.66 | 102 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|-----------------------------|---|---|----------------|-------|------|-----------------|------------------|---------------|------------|--------------|----|
| Total Kjeldahl Nitrogen - N | | 2 | 50.4 | mg/L | 1 | 50.0 | <1.66 | 101 | 79.2 - 115 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340503

QC Batch: 104627
Prep Batch: 88642

Date Analyzed: 2013-08-31
QC Preparation: 2013-08-31

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 298 | mg/L | 55.6 | 278 | 3.77 | 106 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|-----------|---|---|---------------|-------|------|-----------------|------------------|---------------|----------|--------------|----|
| Nitrate-N | | 1 | 299 | mg/L | 55.6 | 278 | 3.77 | 106 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340503

QC Batch: 104754
Prep Batch: 88757

Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|----|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | Qs | 1 | 2200 | mg/L | 55.6 | 1390 | 642 | 112 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|----------|----|---|---------------|-------|------|-----------------|------------------|---------------|----------|--------------|----|
| Chloride | Qs | 1 | 2200 | mg/L | 55.6 | 1390 | 642 | 112 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340503QC Batch: 104754
Prep Batch: 88757Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 281 | mg/L | 55.6 | 278 | 4.33 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Nitrate-N | | 1 | 283 | mg/L | 55.6 | 278 | 4.33 | 100 | 90 - 110 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340681QC Batch: 104762
Prep Batch: 88758Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 1980 | mg/L | 55.6 | 1390 | 454 | 110 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | | 1 | 1980 | mg/L | 55.6 | 1390 | 454 | 110 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340502QC Batch: 104873
Prep Batch: 88861Date Analyzed: 2013-09-09
QC Preparation: 2013-09-09Analyzed By: SAS
Prepared By: SAS

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 51.8 | mg/L | 1 | 50.0 | 3.5 | 97 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Total Kjeldahl Nitrogen - N | | 2 | 52.5 | mg/L | 1 | 50.0 | 3.5 | 98 | 58.1 - 115 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 104627

Date Analyzed: 2013-08-31

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.12 | 102 | 90 - 110 | 2013-08-31 |

Standard (CCV-2)

QC Batch: 104627

Date Analyzed: 2013-08-31

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.16 | 103 | 90 - 110 | 2013-08-31 |

Standard (CCV-1)

QC Batch: 104754

Date Analyzed: 2013-09-02

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 23.6 | 94 | 90 - 110 | 2013-09-02 |

Standard (CCV-1)

QC Batch: 104754

Date Analyzed: 2013-09-02

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.78 | 96 | 90 - 110 | 2013-09-02 |

Standard (CCV-2)

QC Batch: 104754

Date Analyzed: 2013-09-02

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 23.8 | 95 | 90 - 110 | 2013-09-02 |

Standard (CCV-2)

QC Batch: 104754

Date Analyzed: 2013-09-02

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.80 | 96 | 90 - 110 | 2013-09-02 |

Standard (CCV-1)

QC Batch: 104762

Date Analyzed: 2013-09-02

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 23.8 | 95 | 90 - 110 | 2013-09-02 |

Standard (CCV-2)

QC Batch: 104762

Date Analyzed: 2013-09-02

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 23.9 | 96 | 90 - 110 | 2013-09-02 |

Standard (ICV-1)

QC Batch: 104873

Date Analyzed: 2013-09-09

Analyzed By: SAS

Report Date: September 18, 2013

Work Order: 13082932
Big Sky Dairy

Page Number: 21 of 23
17800 Stern Drive, Mesquite, NM 88048

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-09 |

Standard (CCV-1)

QC Batch: 104873

Date Analyzed: 2013-09-09

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.76 | 95 | 85 - 115 | 2013-09-09 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike | |
|---------------|-----------------|--------|------------|-----------------------------|--------|------|
| | | | | | Amount | Pass |
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.0500 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0833 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

LAB Order ID # 13082932

TraceAnalysis, Inc.

email: lab@traceanalysis.com

Company Name: JAH Petroleum and Environmental
 Address: 1221 Tower Trail In El Paso, TX
 Contact Person: Victor Ayala
 Phone #: 915-859-8150
 Fax #:
 E-mail: v.ayala@dhpump.com

Project #: 422485
 Project Name: Big SKY
 Sampler Signature: *JVY*

Project Location: (Include state) Big Sky 17806 Steen Dr Mesquite, NM
 Invoice to: Big Sky, PO Box 10, Mesquite, NM 88048
 Project Name: Big SKY

8701 Aberdeen Ave, Site 9
 Lubbock, Texas 79424
 Tel (806) 794-1296
 Fax (806) 794-1298
 1 (800) 378-1298

5002 Basin Street, Suite A1
 Midland, Texas 79703
 Tel (432) 689-6301
 Fax (432) 689-6313

200 East Sunset Rd., Suite E
 El Paso, Texas 79922
 Tel (915) 585-3443
 Fax (915) 585-4844

BioAquatic Testing
 2501 Mayes Rd., Ste 100
 Carrollton, Texas 75006
 Tel (972) 242-7750

| LAB # (LAB USE ONLY) | FIELD CODE | # CONTAINERS | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | SAMPLING | | |
|-------------------------|------------|--------------|---------------|--------|-----|------|--------|---------------------|------------------|--------------------------------|------|----------|------|-------|
| | | | | WATER | AIR | SOIL | SLUDGE | HCL | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE |
| 340499-1 | 833-05 | 1 | 250ml | X | | | | X | | | X | | 9:27 | 8/29 |
| ↓ -2 | 833-05 | 1 | | | | | | X | | | X | | 9:27 | 8/29 |
| 340500-1 | 833-07 | 1 | | | | | | X | | | X | | 8/29 | 11:16 |
| ↓ -2 | 833-07 | 1 | | | | | | X | | | X | | 8/29 | 11:16 |
| 340501-1 | 833-08 | 1 | | | | | | X | | | X | | 8/29 | 11:45 |
| ↓ -2 | 833-08 | 1 | | | | | | X | | | X | | 8/29 | 11:45 |
| 340502-1 | 833-09 | 1 | | | | | | X | | | X | | 8/29 | 1:35 |
| ↓ -2 | 833-09 | 1 | | | | | | X | | | X | | 8/29 | 1:35 |
| 340508-1 | 833-10 | 1 | | | | | | X | | | X | | 8/29 | 2:17 |
| ↓ -2 | 833-10 | 1 | | | | | | X | | | X | | 8/29 | 2:17 |
| 340508-1 | 833-10 | 1 | | | | | | X | | | X | | 8/29 | 2:17 |
| ↓ -2 | 833-10 | 1 | | | | | | X | | | X | | 8/29 | 2:17 |
| 340508-1 | 833-10 | 1 | | | | | | X | | | X | | 8/29 | 2:17 |
| ↓ -2 | 833-10 | 1 | | | | | | X | | | X | | 8/29 | 2:17 |

Relinquished by: *JVY* Company: JAH Date: 8/29/13 Time: 3:40
 Received by: *Don Taylor* Company: TAEP Date: 8/13/13 Time: 15:00

Relinquished by: *JAH* Company: JAH Date: 8/29/13 Time: 3:40
 Received by: *Don Taylor* Company: TAEP Date: 8/13/13 Time: 15:00

Relinquished by: *JAH* Company: JAH Date: 8/30/13 Time: 16:30
 Received by: *Brandon Ward* Company: TAEP Date: 8/31/13 Time: 11:00

Relinquished by: *JAH* Company: JAH Date: 8/30/13 Time: 16:30
 Received by: *Brandon Ward* Company: TAEP Date: 8/31/13 Time: 11:00

ANALYSIS REQUEST

(Circle or Specify Method No.)

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| MTBE 8021B / 602 / 8260B / 624 | |
| BTEX 8021B / 602 / 8260B / 624 | |
| TPH 418.1 / TX1005 / DRO / TVHC | |
| PAH 8270C / 625 | |
| Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B / 200.7 | |
| TCLP Metals Ag As Ba Cd Cr Pb Se Hg | |
| TCLP Semi Volatiles | |
| TCLP Volatiles | |
| TCLP Pesticides | |
| RCI | |
| GC/MS Vol. 8260B / 624 | |
| GC/MS Semi. Vol. 8270C/625 | |
| PCBs 8082 / 608 | |
| Pesticides 8081A / 608 | |
| BOD, TSS, pH | |
| Moisture Content | |
| Cl ⁻ , SO ₄ ²⁻ , NO ₃ ⁻ , NO ₂ ⁻ , PO ₄ ³⁻ , Alkalinity | |
| Na, Ca, Mg, K, TDS, EC | |

REMARKS: TOS, Cl, NO₃ in EP

LAB USE ONLY
 Intact N
 Headspace Y / N / NA N

Carrier # *85 4863376*

TraceAnalysis, Inc.

email: lab@traceanalysis.com

8701 Aberdeen Ave, Site 9
Lubbock, Texas 79424
Tel (806) 794-1266
Fax (806) 794-1298
1 (800) 378-1286

5002 Basin Street, Suite A1
Midland, Texas 79703
Tel (432) 689-6301
Fax (432) 689-6313

BioAquatic Testing
2501 Mayes Rd, Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750

Company Name: *D-H*
 Address: *1221 Tower Trail Ln El Paso, Tx*
 Contact Person: *Victor Ayala*
 Invoice to: *Big Sky, Po Box 10, Mesquite, NM 88048*
 Project #: *422485*
 Project Name: _____
 Sampler Signature: *RW*

ANALYSIS REQUEST (Circle or Specify Method No.)

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| MTBE 8021B / 602 / 8260B / 624 | |
| BTEX 8021B / 602 / 8260B / 624 | |
| TPH 418.1 / TX1005 / DRO / TVHC | |
| PAH 8270C / 625 | |
| Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B / 200.7 | |
| TCLP Metals Ag As Ba Cd Cr Pb Se Hg | |
| TCLP Volatiles | |
| TCLP Semi Volatiles | |
| TCLP Pesticides | |
| RCI | |
| GC/MS Vol. 8260B / 624 | |
| GC/MS Semi. Vol. 8270C/625 | |
| PCBs 8082 / 608 | |
| Pesticides 8081A / 608 | |
| BOD, TSS, PH | |
| Moisture Content | |
| Cl ⁻ , SO ₄ ²⁻ , NO ₃ ⁻ , NO ₂ ⁻ , PO ₄ ³⁻ , Alkalinity | <input checked="" type="checkbox"/> |
| Na, Ca, Mg, K (TDS) EC | <input checked="" type="checkbox"/> |
| Turn Around Time if different from standard | <i>X TKN 4500 N066 C</i> |

| LAB # (LAB USE ONLY) | FIELD CODE | # CONTAINERS | Volume/Amount | PRESERVATIVE METHOD | | | | | | SAMPLING | | | |
|-------------------------|---------------------|--------------|---------------|---------------------|-----|--------|-------------------------------------|------------------|--------------------------------|----------|-----|----------------|-------------|
| | | | | WATER | AIR | SLUDGE | HCL | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE |
| <i>340504-1</i> | <i>833 - lagoon</i> | <i>1</i> | <i>250</i> | | | | <input checked="" type="checkbox"/> | | | | | <i>8/22/13</i> | <i>9:46</i> |
| <i>↓ -2</i> | <i>833 - lagoon</i> | <i>1</i> | <i>↓</i> | | | | <input checked="" type="checkbox"/> | | | | | <i>8/22/13</i> | <i>9:46</i> |

Relinquished by: *RW* Date: *8/29/13* Time: *3:40*
 Received by: *[Signature]* Date: *8/29/13* Time: *15:40*
 Company: *D-H*

Relinquished by: *[Signature]* Date: *8/30/13* Time: *16:30*
 Received by: *[Signature]* Date: *8/31/13* Time: *11:00*
 Company: *TH Nuback*

Relinquished by: *[Signature]* Date: *8/31/13* Time: *11:00*
 Received by: *[Signature]* Date: *8/31/13* Time: *11:00*
 Company: *TH Nuback*

REMARKS: *TDS, Cl, NO₃ in EP*

LAB USE ONLY

Intact Headspace Y/N/NA *N/A*

Dry Weight Basis Required

TRRP Report Required

Check if Special Reporting Limits Are Needed

Carrier # *CS 48233716*



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
 200 East Sunset Road, Suite E El Paso, Texas 79922 915-585-3443 FAX 915-585-4944
 5002 Basin Street, Suite A1 Midland, Texas 79703 432-689-6301 FAX 432-689-6313
 (BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972-242-7750
 E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

George Segura
 Big Sky Dairy
 17800 Stern Drive
 P.O. Box 10
 Mesquite, NM, 88048

Report Date: September 18, 2013

Work Order: 13090543



DP: 833
 Project Location: 17800 Stern Drive, Mesquite, NM 88048
 Project Name: Big Sky Dairy

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 341256 | 833-2 | water | 2013-09-05 | 12:44 | 2013-09-05 |

Notes

- **Work Order 13090543:** TKN to be analyzed at Lubbock. NO3, Cl, TDS to be analyzed at E.P.

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 15 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Report Contents

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Case Narrative

Samples for project Big Sky Dairy were received by TraceAnalysis, Inc. on 2013-09-05 and assigned to work order 13090543. Samples for work order 13090543 were received intact at a temperature of 2.0 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|------------|---------------------|----------|---------------------|
| Chloride (IC) | E 300.0 | 89063 | 2013-09-02 at 19:21 | 105140 | 2013-09-02 at 19:21 |
| NO3 (IC) | E 300.0 | 89063 | 2013-09-02 at 19:21 | 105140 | 2013-09-02 at 19:21 |
| TDS | SM 2540C | 88852 | 2013-09-06 at 16:30 | 104863 | 2013-09-06 at 16:30 |
| TKN | SM 4500-NH3 B,C | 89076 | 2013-09-17 at 11:00 | 105159 | 2013-09-17 at 15:30 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13090543 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 341256 - 833-2

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105140 Date Analyzed: 2013-09-02 Analyzed By: DDH
 Prep Batch: 89063 Sample Preparation: 2013-09-02 Prepared By: DDH

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-------------|-------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 1080 | 1080 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 341256 - 833-2

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105140 Date Analyzed: 2013-09-02 Analyzed By: DDH
 Prep Batch: 89063 Sample Preparation: 2013-09-02 Prepared By: DDH

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|----|---|-------------|-------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | qs | 1 | 85.8 | 85.8 | <0.327 | mg/L | 10 | 0.327 | 0.5 | 0.0327 |

Sample: 341256 - 833-2

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104863 Date Analyzed: 2013-09-06 Analyzed By: MC
 Prep Batch: 88852 Sample Preparation: 2013-09-06 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-------------|-------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 4270 | 4270 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341256 - 833-2

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 105159 Date Analyzed: 2013-09-17 Analyzed By: SAS
 Prep Batch: 89076 Sample Preparation: 2013-09-17 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|-------------|-------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | | 2 | 69.3 | 69.3 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 104863
Prep Batch: 88852Date Analyzed: 2013-09-06
QC Preparation: 2013-09-06Analyzed By: MC
Prepared By: MC

| Parameter | F | C | Result | Units | Reporting Limits |
|------------------------|---|---|--------|-------|------------------|
| Total Dissolved Solids | | 1 | <2.50 | mg/L | 2.5 |

Method Blank (1)

QC Batch: 105140
Prep Batch: 89063Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02Analyzed By: DDH
Prepared By: DDH

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Chloride | | 1 | 1.28 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 105140
Prep Batch: 89063Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02Analyzed By: DDH
Prepared By: DDH

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Nitrate-N | | 1 | 0.221 | mg/L | 0.0327 |

Method Blank (1)

QC Batch: 105159
Prep Batch: 89076Date Analyzed: 2013-09-17
QC Preparation: 2013-09-17Analyzed By: SAS
Prepared By: SAS

Report Date: September 18, 2013

Work Order: 13090543
Big Sky Dairy

Page Number: 8 of 15
17800 Stern Drive, Mesquite, NM 88048

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Duplicate (1) Duplicated Sample: 341026

QC Batch: 104863
Prep Batch: 88852

Date Analyzed: 2013-09-06
QC Preparation: 2013-09-06

Analyzed By: MC
Prepared By: MC

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|------------------|---------------|-------|----------|-----|-----------|
| Total Dissolved Solids | | 1 | 3660 | 3600 | mg/L | 1 | 2 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104863
Prep Batch: 88852Date Analyzed: 2013-09-06
QC Preparation: 2013-09-06Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Total Dissolved Solids | | 1 | 974 | mg/L | 1 | 1000 | <2.50 | 97 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | Dil. | | | | | | |
| Total Dissolved Solids | | 1 | 994 | mg/L | 1 | 1000 | <2.50 | 99 | 90 - 110 | 2 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105140
Prep Batch: 89063Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02Analyzed By: DDH
Prepared By: DDH

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Chloride | | 1 | 24.1 | mg/L | 1 | 25.0 | <0.0195 | 96 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | Dil. | | | | | | |
| Chloride | | 1 | 24.1 | mg/L | 1 | 25.0 | <0.0195 | 96 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105140
Prep Batch: 89063Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02Analyzed By: DDH
Prepared By: DDH

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Nitrate-N | | 1 | 4.66 | mg/L | 1 | 5.00 | <0.0327 | 93 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 4.66 | mg/L | 1 | 5.00 | <0.0327 | 93 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105159 Date Analyzed: 2013-09-17 Analyzed By: SAS
 Prep Batch: 89076 QC Preparation: 2013-09-17 Prepared By: SAS

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 49.0 | mg/L | 1 | 50.0 | <1.66 | 98 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 50.4 | mg/L | 1 | 50.0 | <1.66 | 101 | 79.2 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341262

QC Batch: 105140 Date Analyzed: 2013-09-02 Analyzed By: DDH
 Prep Batch: 89063 QC Preparation: 2013-09-02 Prepared By: DDH

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 1590 | mg/L | 55.6 | 1390 | 156 | 103 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 1450 | mg/L | 55.6 | 1390 | 156 | 93 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341262

QC Batch: 105140 Date Analyzed: 2013-09-02 Analyzed By: DDH
 Prep Batch: 89063 QC Preparation: 2013-09-02 Prepared By: DDH

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 283 | mg/L | 55.6 | 278 | 9.27 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|----|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Nitrate-N | qs | 1 | 257 | mg/L | 55.6 | 278 | 9.27 | 89 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341031

QC Batch: 105159
Prep Batch: 89076

Date Analyzed: 2013-09-17
QC Preparation: 2013-09-17

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 48.3 | mg/L | 1 | 50.0 | 3.5 | 90 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | 3.5 | 92 | 58.1 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 105140

Date Analyzed: 2013-09-02

Analyzed By: DDH

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.0 | 96 | 90 - 110 | 2013-09-02 |

Standard (CCV-1)

QC Batch: 105140

Date Analyzed: 2013-09-02

Analyzed By: DDH

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.61 | 92 | 90 - 110 | 2013-09-02 |

Standard (CCV-2)

QC Batch: 105140

Date Analyzed: 2013-09-02

Analyzed By: DDH

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.0 | 96 | 90 - 110 | 2013-09-02 |

Standard (CCV-2)

QC Batch: 105140

Date Analyzed: 2013-09-02

Analyzed By: DDH

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.63 | 93 | 90 - 110 | 2013-09-02 |

Standard (ICV-1)

QC Batch: 105159

Date Analyzed: 2013-09-17

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-17 |

Standard (CCV-1)

QC Batch: 105159

Date Analyzed: 2013-09-17

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-17 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike | |
|---------------|-----------------|--------|------------|-----------------------------|--------|------|
| | | | | | Amount | Pass |
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.0500 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0833 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

Company Name: D&H Petroleum & Environmental Services
 Address: (Street, City, Zip) 1221 Tower Trail Ln., El Paso, Texas 79907
 Contact Person: Victor Ayala
 Project #: 422485

Phone #: 915-859-8150
 Cell #: 915-859-8150
 Fax #: 915-859-8150
 E-mail: vayala@dhpump.com

Project Name: George Segura 575-233-3620
 Project Location (including state): Big Sky Dairy, P.O. Box 10, Mesquite, NM 88048
 Project Location (including state): Big Sky Dairy, 17800 Stern Drive, Mesquite, NM
 Sampler Signature: [Signature]

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | | | PRESERVATIVE METHOD | | | | SAMPLING | | | | | | | |
|-------|------------|--------------|---------------|--------|------|-----|--------|-----|------------------|--------------------------------|------|-----|------|----------|------|--------|-------|--|--|--|--|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME | | | | | | |
| 833-4 | | 1 | | X | | | | | X | | | | | X | | | | | | | |
| 833-1 | | 1 | | X | | | | | X | | | | | X | | | | | | | |
| 833-2 | | 1 | 250 | X | | | | | X | | | | | X | | 9/5/13 | 12:44 | | | | |
| 833-2 | | 1 | 250 | X | | | | | X | | | | | X | | 9/5/13 | 12:44 | | | | |
| 833-3 | | 1 | | X | | | | | X | | | | | X | | | | | | | |
| 833-3 | | 1 | | X | | | | | X | | | | | X | | | | | | | |
| 833-4 | | 1 | | X | | | | | X | | | | | X | | | | | | | |
| 833-4 | | 1 | | X | | | | | X | | | | | X | | | | | | | |
| 833-5 | | 1 | | X | | | | | X | | | | | X | | | | | | | |
| 833-5 | | 1 | | X | | | | | X | | | | | X | | | | | | | |
| 833-6 | | 1 | | X | | | | | X | | | | | X | | | | | | | |
| 833-6 | | 1 | | X | | | | | X | | | | | X | | | | | | | |
| 833-7 | | 1 | | X | | | | | X | | | | | X | | | | | | | |
| 833-7 | | 1 | | X | | | | | X | | | | | X | | | | | | | |
| 833-8 | | 1 | | X | | | | | X | | | | | X | | | | | | | |
| 833-8 | | 1 | | X | | | | | X | | | | | X | | | | | | | |

Relinquished By: [Signature] Date: 09/05/13 Time: 3:10

Received By: [Signature] Date: 9-5-13 Time: 15:10

Lab Use Only: [Signature]
 Intact Y / N
 Headspace Y / N
 Temp 18.2 / 22
 Log-in Review

Remarks: ICE
1548037719
NO3, Cl, TDS & E.P.
 Dry Weight Basis Required
 TRRP Report Required



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
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 E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

George Segura
 Big Sky Dairy
 17800 Stern Drive
 P.O. Box 10
 Mesquite, NM, 88048

Report Date: September 18, 2013

Work Order: 13083034



DP: 833
 Project Location: 17800 Stern Drive, Mesquite, NM 88048
 Project Name: Big Sky Dairy

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 340676 | 833-04 | water | 2013-08-30 | 07:42 | 2013-08-30 |
| 340677 | 833-06 | water | 2013-08-30 | 08:51 | 2013-08-30 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 15 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Dr. Blair Leftwich, Director
 Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project Big Sky Dairy were received by TraceAnalysis, Inc. on 2013-08-30 and assigned to work order 13083034. Samples for work order 13083034 were received intact at a temperature of 2.0 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|---------------|---------------------|-------------|---------------------|
| Chloride (IC) | E 300.0 | 88758 | 2013-09-02 at 20:10 | 104762 | 2013-09-02 at 20:10 |
| NO3 (IC) | E 300.0 | 88643 | 2013-08-31 at 10:51 | 104628 | 2013-08-31 at 10:51 |
| TDS | SM 2540C | 88712 | 2013-09-05 at 13:30 | 104706 | 2013-09-05 at 13:30 |
| TKN | SM 4500-NH3 B,C | 88966 | 2013-09-11 at 18:00 | 104999 | 2013-09-11 at 22:30 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13083034 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 340676 - 833-04

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104762 Date Analyzed: 2013-09-02 Analyzed By: JR
 Prep Batch: 88758 Sample Preparation: 2013-09-02 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 868 | 868 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340676 - 833-04

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104628 Date Analyzed: 2013-08-31 Analyzed By: JR
 Prep Batch: 88643 Sample Preparation: 2013-08-31 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 37.9 | 37.9 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 340676 - 833-04

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104706 Date Analyzed: 2013-09-05 Analyzed By: MC
 Prep Batch: 88712 Sample Preparation: 2013-09-05 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 3260 | 3260 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340676 - 833-04

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104999 Date Analyzed: 2013-09-11 Analyzed By: SAS
 Prep Batch: 88966 Sample Preparation: 2013-09-11 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 2.80 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 340677 - 833-06

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104762 Date Analyzed: 2013-09-02 Analyzed By: JR
 Prep Batch: 88758 Sample Preparation: 2013-09-02 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 656 | 656 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340677 - 833-06

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104628 Date Analyzed: 2013-08-31 Analyzed By: JR
 Prep Batch: 88643 Sample Preparation: 2013-08-31 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 25.3 | 25.3 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 340677 - 833-06

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104706 Date Analyzed: 2013-09-05 Analyzed By: MC
 Prep Batch: 88712 Sample Preparation: 2013-09-05 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2310 | 2310 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340677 - 833-06

Laboratory: Lubbock

Analysis: TKN

QC Batch: 104999

Prep Batch: 88966

Analytical Method: SM 4500-NH3 B,C

Date Analyzed: 2013-09-11

Sample Preparation: 2013-09-11

Prep Method: N/A

Analyzed By: SAS

Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|-------------|-------|--------|-------|----------|--------------|--------------|------|
| | | | Based | Based | Blank | | | (Unadjusted) | (Unadjusted) | |
| Total Kjeldahl Nitrogen - N | J | 2 | 2.80 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 104628
Prep Batch: 88643Date Analyzed: 2013-08-31
QC Preparation: 2013-08-31Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)

QC Batch: 104762
Prep Batch: 88758Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Chloride | | 1 | 1.29 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 104999
Prep Batch: 88966Date Analyzed: 2013-09-11
QC Preparation: 2013-09-11Analyzed By: SAS
Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Duplicate (1) Duplicated Sample: 340499

QC Batch: 104706
Prep Batch: 88712Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05Analyzed By: MC
Prepared By: MC

Report Date: September 18, 2013

Work Order: 13083034
Big Sky Dairy

Page Number: 8 of 15
17800 Stern Drive, Mesquite, NM 88048

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|---------------------|------------------|-------|----------|-----|--------------|
| Total Dissolved Solids | | 1 | 2580 | 2660 | mg/L | 1 | 3 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104628
Prep Batch: 88643

Date Analyzed: 2013-08-31
QC Preparation: 2013-08-31

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | Dil. | | | | |
| Nitrate-N | | 1 | 5.33 | mg/L | 1 | 5.00 | <0.0327 | 107 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | Dil. | | | | | | |
| Nitrate-N | | 1 | 5.33 | mg/L | 1 | 5.00 | <0.0327 | 107 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104706
Prep Batch: 88712

Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05

Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | Dil. | | | | |
| Total Dissolved Solids | | 1 | 989 | mg/L | 1 | 1000 | <2.50 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | Dil. | | | | | | |
| Total Dissolved Solids | | 1 | 991 | mg/L | 1 | 1000 | <2.50 | 99 | 90 - 110 | 0 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104762
Prep Batch: 88758

Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | Dil. | | | | |
| Chloride | | 1 | 24.4 | mg/L | 1 | 25.0 | <0.0195 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 24.3 | mg/L | 1 | 25.0 | <0.0195 | 97 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104999
Prep Batch: 88966

Date Analyzed: 2013-09-11
QC Preparation: 2013-09-11

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 48.3 | mg/L | 1 | 50.0 | <1.66 | 97 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | <1.66 | 99 | 79.2 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340677

QC Batch: 104628
Prep Batch: 88643

Date Analyzed: 2013-08-31
QC Preparation: 2013-08-31

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 1 | 318 | mg/L | 55.6 | 278 | 25.3 | 105 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 317 | mg/L | 55.6 | 278 | 25.3 | 105 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340681

QC Batch: 104762
Prep Batch: 88758

Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 1980 | mg/L | 55.6 | 1390 | 454 | 110 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|----------|---|---|---------------|-------|------|-----------------|------------------|---------------|----------|--------------|----|
| Chloride | | 1 | 1980 | mg/L | 55.6 | 1390 | 454 | 110 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341030

QC Batch: 104999
Prep Batch: 88966

Date Analyzed: 2013-09-11
QC Preparation: 2013-09-11

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 51.8 | mg/L | 1 | 50.0 | 2.1 | 99 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|---------------|------------|--------------|----|
| Total Kjeldahl Nitrogen - N | | 2 | 50.4 | mg/L | 1 | 50.0 | 2.1 | 97 | 58.1 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 104628

Date Analyzed: 2013-08-31

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.16 | 103 | 90 - 110 | 2013-08-31 |

Standard (CCV-2)

QC Batch: 104628

Date Analyzed: 2013-08-31

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.16 | 103 | 90 - 110 | 2013-08-31 |

Standard (CCV-1)

QC Batch: 104762

Date Analyzed: 2013-09-02

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 23.8 | 95 | 90 - 110 | 2013-09-02 |

Standard (CCV-2)

QC Batch: 104762

Date Analyzed: 2013-09-02

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 23.9 | 96 | 90 - 110 | 2013-09-02 |

Standard (ICV-1)

QC Batch: 104999

Date Analyzed: 2013-09-11

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.76 | 95 | 85 - 115 | 2013-09-11 |

Standard (CCV-1)

QC Batch: 104999

Date Analyzed: 2013-09-11

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.62 | 92 | 85 - 115 | 2013-09-11 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike | |
|---------------|-----------------|--------|------------|-----------------------------|--------|------|
| | | | | | Amount | Pass |
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.0500 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0833 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

13083034

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Lubbock, TX 79424
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TraceAnalysis, Inc.

155 McCutcheon, Ste. H
Paso, TX 79932
Tel (915) 585-3443
Fax (915) 585-4944

Page 1 of 1
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 13083034

Phone #: 915-859-8150

Cell #:

Fax #: vayala@dhpump.com

E-mail: vayala@dhpump.com

Company Name: D & H
D&H Petroleum & Environmental Services

Address: (Street, City, Zip)
1221 Tower Trail Ln., El Paso, Texas 79907

Contact Person:
Victor Ayala

Invoice to (if different from above):

Big Sky Dairy, PO Box 10, Mesquite Park 88048
Project Name: George Segura

Project #: 422485
Sampler Signature: GWY

Project Location (including state):
17800 Stan Dr. Mesquite, NM

| LAB # (LAB USE ONLY) | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | | Sampling | | DATE | TIME | |
|-------------------------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|-----|----------|------|------|------|------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | | | TIME |
| 833-02 | | 1 | 500ml | X | | | | X | | | X | | | | | | |
| 833-02 | | 1 | 500ml | X | | | | X | | | X | | | | 8/30 | 7:42 | |
| 833-04 | | 1 | 500ml | X | | | | X | | | X | | | | 8/30 | 7:42 | |
| 833-04 | | 1 | 500ml | X | | | | X | | | X | | | | | 8:51 | |
| 833-06 | | 1 | 500ml | X | | | | X | | | X | | | | | 8:51 | |
| 833-06 | | 1 | 500ml | X | | | | X | | | X | | | | | | |

| Relinquished By: | Date: | Time: | Received By: | Date: | Time: |
|--------------------|----------------|--------------|--------------------|----------------|--------------|
| <u>GWY</u> | <u>8/30/13</u> | <u>10:35</u> | <u>[Signature]</u> | <u>8/30/13</u> | <u>10:35</u> |
| <u>[Signature]</u> | <u>8/30/13</u> | <u>16:50</u> | <u>[Signature]</u> | <u>8/31/13</u> | <u>11:00</u> |

ANALYSIS REQUEST

| Method | MTBE 8021B/602 | BTEX 8021B/602 | TPH 418.1 / TX1005 | TX 1005 Extended (C35) | PAH 8270C | PAH 8270 (Low Level Analysis) | Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 | Nitrate/Nitrite EPA 353.5 modified 1302.0 | Total Kjeldahl Nitrogen SM 4500 NORG C | Chloride EPA 300.0 | Total Dissolved Solids SM 2540 C MOD |
|--------|----------------|----------------|--------------------|------------------------|-----------|-------------------------------|--------------------------------------------------|-------------------------------------------|----------------------------------------|--------------------|--------------------------------------|
| | | | | | | | X | X | X | X | X |
| | | | | | | | X | X | X | X | X |
| | | | | | | | X | X | X | X | X |
| | | | | | | | X | X | X | X | X |

Remarks:
 TDS, Cl, NO₃ w/EP
 Dry Weight Basis Required
 TRRP Report Required



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
 200 East Sunset Road, Suite E El Paso, Texas 79922 915-585-3443 FAX 915-585-4944
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 (BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972-242-7750
 E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Linda Armstrong
 Dona Ana Dairies

Report Date: September 18, 2013

P.O. Box 10
 Mesquite, NM, 88048

Work Order: 13083035



Project Location: Various Dairies, Dona Ana County, NM
 Project Name: Dona Ana Dairies Consortium
 Project #: DAD

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 340681 | DAD-09 | water | 2013-08-30 | 09:25 | 2013-08-30 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 14 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Dr. Blair Leftwich, Director
 Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project Dona Ana Dairies Consortium were received by TraceAnalysis, Inc. on 2013-08-30 and assigned to work order 13083035. Samples for work order 13083035 were received intact at a temperature of 2.0 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|------------|---------------------|----------|---------------------|
| Chloride (IC) | E 300.0 | 88758 | 2013-09-02 at 20:10 | 104762 | 2013-09-02 at 20:10 |
| NO3 (IC) | E 300.0 | 88643 | 2013-08-31 at 10:51 | 104628 | 2013-08-31 at 10:51 |
| TDS | SM 2540C | 88712 | 2013-09-05 at 13:30 | 104706 | 2013-09-05 at 13:30 |
| TKN | SM 4500-NH3 B,C | 88966 | 2013-09-11 at 18:00 | 104999 | 2013-09-11 at 22:30 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13083035 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 340681 - DAD-09

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104762 Date Analyzed: 2013-09-02 Analyzed By: JR
 Prep Batch: 88758 Sample Preparation: 2013-09-02 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 454 | 454 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340681 - DAD-09

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104628 Date Analyzed: 2013-08-31 Analyzed By: JR
 Prep Batch: 88643 Sample Preparation: 2013-08-31 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 12.3 | 12.3 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 340681 - DAD-09

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104706 Date Analyzed: 2013-09-05 Analyzed By: MC
 Prep Batch: 88712 Sample Preparation: 2013-09-05 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 1800 | 1800 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340681 - DAD-09

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104999 Date Analyzed: 2013-09-11 Analyzed By: SAS
 Prep Batch: 88966 Sample Preparation: 2013-09-11 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|-------------|-------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 2.10 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 104628
Prep Batch: 88643Date Analyzed: 2013-08-31
QC Preparation: 2013-08-31Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)

QC Batch: 104762
Prep Batch: 88758Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Chloride | | 1 | 1.29 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 104999
Prep Batch: 88966Date Analyzed: 2013-09-11
QC Preparation: 2013-09-11Analyzed By: SAS
Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Duplicate (1) Duplicated Sample: 340499

QC Batch: 104706
Prep Batch: 88712Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05Analyzed By: MC
Prepared By: MC

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|---------------------|------------------|-------|----------|-----|--------------|
| Total Dissolved Solids | | 1 | 2580 | 2660 | mg/L | 1 | 3 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104628
 Prep Batch: 88643

Date Analyzed: 2013-08-31
 QC Preparation: 2013-08-31

Analyzed By: JR
 Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | Dil. | | | | |
| Nitrate-N | | 1 | 5.33 | mg/L | 1 | 5.00 | <0.0327 | 107 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | Dil. | | | | | | |
| Nitrate-N | | 1 | 5.33 | mg/L | 1 | 5.00 | <0.0327 | 107 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104706
 Prep Batch: 88712

Date Analyzed: 2013-09-05
 QC Preparation: 2013-09-05

Analyzed By: MC
 Prepared By: MC

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | Dil. | | | | |
| Total Dissolved Solids | | 1 | 989 | mg/L | 1 | 1000 | <2.50 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | Dil. | | | | | | |
| Total Dissolved Solids | | 1 | 991 | mg/L | 1 | 1000 | <2.50 | 99 | 90 - 110 | 0 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104762
 Prep Batch: 88758

Date Analyzed: 2013-09-02
 QC Preparation: 2013-09-02

Analyzed By: JR
 Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | Dil. | | | | |
| Chloride | | 1 | 24.4 | mg/L | 1 | 25.0 | <0.0195 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 24.3 | mg/L | 1 | 25.0 | <0.0195 | 97 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104999
Prep Batch: 88966

Date Analyzed: 2013-09-11
QC Preparation: 2013-09-11

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 48.3 | mg/L | 1 | 50.0 | <1.66 | 97 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | <1.66 | 99 | 79.2 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340677

QC Batch: 104628
Prep Batch: 88643

Date Analyzed: 2013-08-31
QC Preparation: 2013-08-31

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 1 | 318 | mg/L | 55.6 | 278 | 25.3 | 105 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 317 | mg/L | 55.6 | 278 | 25.3 | 105 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340681

QC Batch: 104762
Prep Batch: 88758

Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 1980 | mg/L | 55.6 | 1390 | 454 | 110 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|----------|---|---|---------------|-------|------|-----------------|------------------|---------------|----------|--------------|----|
| Chloride | | 1 | 1980 | mg/L | 55.6 | 1390 | 454 | 110 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341030

QC Batch: 104999
 Prep Batch: 88966

Date Analyzed: 2013-09-11
 QC Preparation: 2013-09-11

Analyzed By: SAS
 Prepared By: SAS

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 51.8 | mg/L | 1 | 50.0 | 2.1 | 99 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|---------------|------------|--------------|----|
| Total Kjeldahl Nitrogen - N | | 2 | 50.4 | mg/L | 1 | 50.0 | 2.1 | 97 | 58.1 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 104628

Date Analyzed: 2013-08-31

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.16 | 103 | 90 - 110 | 2013-08-31 |

Standard (CCV-2)

QC Batch: 104628

Date Analyzed: 2013-08-31

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.16 | 103 | 90 - 110 | 2013-08-31 |

Standard (CCV-1)

QC Batch: 104762

Date Analyzed: 2013-09-02

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 23.8 | 95 | 90 - 110 | 2013-09-02 |

Standard (CCV-2)

QC Batch: 104762

Date Analyzed: 2013-09-02

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 23.9 | 96 | 90 - 110 | 2013-09-02 |

Standard (ICV-1)

QC Batch: 104999

Date Analyzed: 2013-09-11

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.76 | 95 | 85 - 115 | 2013-09-11 |

Standard (CCV-1)

QC Batch: 104999

Date Analyzed: 2013-09-11

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.62 | 92 | 85 - 115 | 2013-09-11 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike Amount | Pass |
|---------------|-----------------|--------|------------|-----------------------------|-----------------|------|
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.0500 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0833 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

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Company Name: **D & H** Phone #: **915-859-8150**

Address: **1221 Tower Trail Ln Ft Paso, TX 79707** Fax #: **79707**

Contact Person: **Victor Ayala** E-mail: **vayala@dhpumps.com**

Invoice to: **Donna Ann Dairies Consortium** Linda Armstrong

Project #: **422543** Project Name: **DAD**

Project Location: **Various Dairies** Sampler Signature: **JW**

| LAB # (LAB USE ONLY) | FIELD CODE | # CONTAINERS | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | SAMPLING | | |
|-------------------------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------|-------|------|----------|------|------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCL | HNO3 | H2SO4 | NaOH | ICE | NONE | DATE |
| 310681 | DAD-04 | 1 | 250 | X | | | | X | | | | | 8/30 | 8:15 |
| 1-2 | DAD-09 | 1 | 250 | X | | | | X | | | | | 8/30 | 7:15 |

Relinquished by: **guy** Company: **guy** Date: **8/30/13** Time: **11:35** INST: **21**

Received by: **[Signature]** Company: **[Signature]** Date: **8/30/13** Time: **11:25** OBS: **3**

Relinquished by: **[Signature]** Company: **[Signature]** Date: **8/30/13** Time: **1630** CUK: **2**

Received by: **[Signature]** Company: **[Signature]** Date: **8/30/13** Time: **1630** INST: **1**

Relinquished by: **[Signature]** Company: **[Signature]** Date: **8/30/13** Time: **1630** OBS: **1**

Received by: **[Signature]** Company: **[Signature]** Date: **8/30/13** Time: **1630** COR: **1**

Relinquished by: **[Signature]** Company: **[Signature]** Date: **8/30/13** Time: **1630** INST: **1**

Received by: **[Signature]** Company: **[Signature]** Date: **8/30/13** Time: **1630** OBS: **1**

Received by: **[Signature]** Company: **[Signature]** Date: **8/30/13** Time: **1630** COR: **1**

ANALYSIS REQUEST
(Circle or Specify Method No.)

Metals: Ni, Pb, Cr, Cd, Cu, Zn, Mn, Fe, Al, As, Ba, Bi, Br, Ca, Co, Cr, Cs, Pb, Se, Sr, Tl, U, V, W, Y, Zn

Chloride EPA 300.0

TDS SM 8154 C Method

Net Dr Mg, K, 100-EB - TRN 4700 NDR

CL, F, SO₄, NO₃, N, NO₂, N, PO₄, P, Alkalinity

Moisture Content

BOD, TSS, pH

Pesticides 8081A / 808

PCB's 8082 / 808

GC/MS Semi, Vol, 8270C/825

GC/MS Vol, 8260B / 824

RCI

TCLP Pesticides

TCLP Semi Volatiles

TCLP Volatiles

TCLP Metals Ag, As, Ba, Bi, Br, Ca, Cd, Co, Cr, Pb, Se, Sr, Tl, U, V, W, Y, Zn

Total Metals Ag, As, Ba, Bi, Br, Ca, Cd, Cr, Pb, Se, Hg, 8010B / 200.7

PAH 8270C / 825

TPH 418.1 / TX1005 / DRO / TVHC

BTEX 8021B / 802 / 8260B / 824

MTBE 8021B / 802 / 8260B / 824

Turn Around Time if different from standard

REMARKS: **TDS, Cl, 10, 2, 2, 2, 2**

LAB USE ONLY

Initial: **[Signature]** Y/N

Handspace: **[Signature]** Y/N/A

Log-In Review: **[Signature]** DPH

Camera # **[Signature]** DPH

ORIGINAL COPY

Subscriber of sample constitutes agreement to Terms and Conditions



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
 200 East Sunset Road, Suite E El Paso, Texas 79922 915-585-3443 FAX 915-585-4944
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 (BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972-242-7750
 E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Jerry Settles
 Del Oro Dairy, LLC.
 1025 East O'Hara
 P.O. Box 1846
 Anthony, NM, 88021

Report Date: September 18, 2013

Work Order: 13090443



DP: 692
 Project Location: 1025 East OHara, Anthony, NM
 Project Name: Del Oro Dairy

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 341026 | 692-02 | water | 2013-09-04 | 13:05 | 2013-09-04 |
| 341027 | 692-05 | water | 2013-09-04 | 10:35 | 2013-09-04 |
| 341028 | 692-06 | water | 2013-09-04 | 11:11 | 2013-09-04 |
| 341029 | 692-07 | water | 2013-09-04 | 11:44 | 2013-09-04 |
| 341030 | 692-08 | water | 2013-09-04 | 12:52 | 2013-09-04 |
| 341031 | 692-09 | water | 2013-09-04 | 14:30 | 2013-09-04 |
| 341032 | 692 Lagoon | water | 2013-09-04 | 14:45 | 2013-09-04 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 30 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project Del Oro Dairy were received by TraceAnalysis, Inc. on 2013-09-04 and assigned to work order 13090443. Samples for work order 13090443 were received intact at a temperature of 2.0 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|------------|---------------------|----------|---------------------|
| Chloride (IC) | E 300.0 | 88768 | 2013-09-04 at 19:34 | 104764 | 2013-09-04 at 19:34 |
| Chloride (IC) | E 300.0 | 89065 | 2013-09-04 at 00:11 | 105144 | 2013-09-04 at 11:31 |
| Chloride (IC) | E 300.0 | 89080 | 2013-09-05 at 03:25 | 105161 | 2013-09-05 at 03:29 |
| NO3 (IC) | E 300.0 | 88768 | 2013-09-04 at 19:34 | 104764 | 2013-09-04 at 19:34 |
| NO3 (IC) | E 300.0 | 89065 | 2013-09-04 at 00:11 | 105144 | 2013-09-04 at 11:31 |
| NO3 (IC) | E 300.0 | 89080 | 2013-09-05 at 03:25 | 105161 | 2013-09-05 at 03:29 |
| TDS | SM 2540C | 88852 | 2013-09-06 at 16:30 | 104863 | 2013-09-06 at 16:30 |
| TKN | SM 4500-NH3 B,C | 88966 | 2013-09-11 at 18:00 | 104999 | 2013-09-11 at 22:30 |
| TKN | SM 4500-NH3 B,C | 89076 | 2013-09-17 at 11:00 | 105159 | 2013-09-17 at 15:30 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13090443 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 341026 - 692-02

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104764 Date Analyzed: 2013-09-04 Analyzed By: JR
 Prep Batch: 88768 Sample Preparation: 2013-09-04 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|------------|------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 925 | 925 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 341026 - 692-02

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104764 Date Analyzed: 2013-09-04 Analyzed By: JR
 Prep Batch: 88768 Sample Preparation: 2013-09-04 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|----|---|------------|------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | Qs | 1 | 120 | 120 | <1.64 | mg/L | 50 | 1.64 | 0.5 | 0.0327 |

Sample: 341026 - 692-02

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104863 Date Analyzed: 2013-09-06 Analyzed By: MC
 Prep Batch: 88852 Sample Preparation: 2013-09-06 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-------------|-------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 3600 | 3600 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341026 - 692-02

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104999 Date Analyzed: 2013-09-11 Analyzed By: SAS
 Prep Batch: 88966 Sample Preparation: 2013-09-11 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 2.80 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341027 - 692-05

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104764 Date Analyzed: 2013-09-04 Analyzed By: JR
 Prep Batch: 88768 Sample Preparation: 2013-09-04 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 446 | 446 | <0.195 | mg/L | 10 | 0.195 | 2.5 | 0.0195 |

Sample: 341027 - 692-05

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104764 Date Analyzed: 2013-09-04 Analyzed By: JR
 Prep Batch: 88768 Sample Preparation: 2013-09-04 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|-------|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | J, Qs | 1 | 2.12 | <2.50 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 341027 - 692-05

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104863 Date Analyzed: 2013-09-06 Analyzed By: MC
 Prep Batch: 88852 Sample Preparation: 2013-09-06 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 1480 | 1480 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341027 - 692-05

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104999 Date Analyzed: 2013-09-11 Analyzed By: SAS
 Prep Batch: 88966 Sample Preparation: 2013-09-11 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|-------------|-------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 4.20 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341028 - 692-06

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105144 Date Analyzed: 2013-09-04 Analyzed By: JR
 Prep Batch: 89065 Sample Preparation: 2013-09-04 Prepared By: JT

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|------------|------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 423 | 423 | <0.195 | mg/L | 10 | 0.195 | 2.5 | 0.0195 |

Sample: 341028 - 692-06

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105144 Date Analyzed: 2013-09-04 Analyzed By: JR
 Prep Batch: 89065 Sample Preparation: 2013-09-04 Prepared By: JT

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|----|---|-------------|-------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | qs | 1 | 3.19 | 3.19 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 341028 - 692-06

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104863 Date Analyzed: 2013-09-06 Analyzed By: MC
 Prep Batch: 88852 Sample Preparation: 2013-09-06 Prepared By: MC

continued . . .

sample 341028 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 1540 | 1540 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341028 - 692-06

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104999 Date Analyzed: 2013-09-11 Analyzed By: SAS
 Prep Batch: 88966 Sample Preparation: 2013-09-11 Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 2.10 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341029 - 692-07

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105144 Date Analyzed: 2013-09-04 Analyzed By: JR
 Prep Batch: 89065 Sample Preparation: 2013-09-04 Prepared By: JT

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 550 | 550 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 341029 - 692-07

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105144 Date Analyzed: 2013-09-04 Analyzed By: JR
 Prep Batch: 89065 Sample Preparation: 2013-09-04 Prepared By: JT

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|----|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Nitrate-N | Qs | 1 | 4.17 | 4.17 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 341029 - 692-07

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104863 Date Analyzed: 2013-09-06 Analyzed By: MC
 Prep Batch: 88852 Sample Preparation: 2013-09-06 Prepared By: MC

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 1840 | 1840 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341029 - 692-07

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104999 Date Analyzed: 2013-09-11 Analyzed By: SAS
 Prep Batch: 88966 Sample Preparation: 2013-09-11 Prepared By: SAS

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | u | 2 | <1.66 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341030 - 692-08

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105144 Date Analyzed: 2013-09-04 Analyzed By: JR
 Prep Batch: 89065 Sample Preparation: 2013-09-04 Prepared By: JT

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 430 | 430 | <0.195 | mg/L | 10 | 0.195 | 2.5 | 0.0195 |

Sample: 341030 - 692-08

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105144 Date Analyzed: 2013-09-04 Analyzed By: JR
 Prep Batch: 89065 Sample Preparation: 2013-09-04 Prepared By: JT

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|----|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | Qs | 1 | 3.58 | 3.58 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 341030 - 692-08

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104863 Date Analyzed: 2013-09-06 Analyzed By: MC
 Prep Batch: 88852 Sample Preparation: 2013-09-06 Prepared By: MC

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 1360 | 1360 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341030 - 692-08

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104999 Date Analyzed: 2013-09-11 Analyzed By: SAS
 Prep Batch: 88966 Sample Preparation: 2013-09-11 Prepared By: SAS

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 2.10 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341031 - 692-09

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105161 Date Analyzed: 2013-09-05 Analyzed By: JR
 Prep Batch: 89080 Sample Preparation: 2013-09-05 Prepared By: JT

continued ...

sample 341031 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 452 | 452 | <0.195 | mg/L | 10 | 0.195 | 2.5 | 0.0195 |

Sample: 341031 - 692-09

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105161 Date Analyzed: 2013-09-05 Analyzed By: JR
 Prep Batch: 89080 Sample Preparation: 2013-09-05 Prepared By: JT

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|----|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Nitrate-N | qs | 1 | 8.52 | 8.52 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 341031 - 692-09

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104863 Date Analyzed: 2013-09-06 Analyzed By: MC
 Prep Batch: 88852 Sample Preparation: 2013-09-06 Prepared By: MC

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 1460 | 1460 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341031 - 692-09

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 105159 Date Analyzed: 2013-09-17 Analyzed By: SAS
 Prep Batch: 89076 Sample Preparation: 2013-09-17 Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 3.50 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341032 - 692 Lagoon

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105161 Date Analyzed: 2013-09-05 Analyzed By: JR
 Prep Batch: 89080 Sample Preparation: 2013-09-05 Prepared By: JT

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-------------|-------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 4270 | 4270 | <19.5 | mg/L | 1000 | 19.5 | 2.5 | 0.0195 |

Sample: 341032 - 692 Lagoon

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105161 Date Analyzed: 2013-09-05 Analyzed By: JR
 Prep Batch: 89080 Sample Preparation: 2013-09-05 Prepared By: JT

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|----|---|-------------|-------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | Qs | 1 | 6.58 | 6.58 | <0.327 | mg/L | 10 | 0.327 | 0.5 | 0.0327 |

Sample: 341032 - 692 Lagoon

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104863 Date Analyzed: 2013-09-06 Analyzed By: MC
 Prep Batch: 88852 Sample Preparation: 2013-09-06 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|--------------|--------------|--------|-------|----------|-----|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 37000 | 37000 | <125 | mg/L | 50 | 125 | 2.5 | 2.5 |

Sample: 341032 - 692 Lagoon

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 105159 Date Analyzed: 2013-09-17 Analyzed By: SAS
 Prep Batch: 89076 Sample Preparation: 2013-09-17 Prepared By: SAS

continued ...

sample 341032 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | | 2 | 728 | 728 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 104764
Prep Batch: 88768Date Analyzed: 2013-09-04
QC Preparation: 2013-09-04Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 104764
Prep Batch: 88768Date Analyzed: 2013-09-04
QC Preparation: 2013-09-04Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)

QC Batch: 104863
Prep Batch: 88852Date Analyzed: 2013-09-06
QC Preparation: 2013-09-06Analyzed By: MC
Prepared By: MC

| Parameter | F | C | Result | Units | Reporting Limits |
|------------------------|---|---|--------|-------|------------------|
| Total Dissolved Solids | | 1 | <2.50 | mg/L | 2.5 |

Method Blank (1)

QC Batch: 104999
Prep Batch: 88966Date Analyzed: 2013-09-11
QC Preparation: 2013-09-11Analyzed By: SAS
Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Method Blank (1)QC Batch: 105144
Prep Batch: 89065Date Analyzed: 2013-09-04
QC Preparation: 2013-09-04Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)QC Batch: 105144
Prep Batch: 89065Date Analyzed: 2013-09-04
QC Preparation: 2013-09-04Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Nitrate-N | | 1 | 0.169 | mg/L | 0.0327 |

Method Blank (1)QC Batch: 105159
Prep Batch: 89076Date Analyzed: 2013-09-17
QC Preparation: 2013-09-17Analyzed By: SAS
Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Method Blank (1)QC Batch: 105161
Prep Batch: 89080Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 105161
Prep Batch: 89080

Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05

Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Duplicate (1) Duplicated Sample: 341026

QC Batch: 104863
Prep Batch: 88852

Date Analyzed: 2013-09-06
QC Preparation: 2013-09-06

Analyzed By: MC
Prepared By: MC

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|------------------|---------------|-------|----------|-----|-----------|
| Total Dissolved Solids | | 1 | 3660 | 3600 | mg/L | 1 | 2 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104764
Prep Batch: 88768Date Analyzed: 2013-09-04
QC Preparation: 2013-09-04Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Chloride | | 1 | 22.8 | mg/L | 1 | 25.0 | <0.0195 | 91 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | Dil. | | | | | | |
| Chloride | | 1 | 22.8 | mg/L | 1 | 25.0 | <0.0195 | 91 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104764
Prep Batch: 88768Date Analyzed: 2013-09-04
QC Preparation: 2013-09-04Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|----|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Nitrate-N | qs | 1 | 4.42 | mg/L | 1 | 5.00 | <0.0327 | 88 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|----|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | Dil. | | | | | | |
| Nitrate-N | qs | 1 | 4.42 | mg/L | 1 | 5.00 | <0.0327 | 88 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104863
Prep Batch: 88852Date Analyzed: 2013-09-06
QC Preparation: 2013-09-06Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Total Dissolved Solids | | 1 | 974 | mg/L | 1 | 1000 | <2.50 | 97 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| Total Dissolved Solids | | 1 | 994 | mg/L | 1 | 1000 | <2.50 | 99 | 90 - 110 | 2 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104999
Prep Batch: 88966

Date Analyzed: 2013-09-11
QC Preparation: 2013-09-11

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|--------------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 48.3 | mg/L | 1 | 50.0 | <1.66 | 97 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | <1.66 | 99 | 79.2 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105144
Prep Batch: 89065

Date Analyzed: 2013-09-04
QC Preparation: 2013-09-04

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|--------------|---------------|
| Chloride | | 1 | 22.8 | mg/L | 1 | 25.0 | <0.0195 | 91 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| Chloride | | 1 | 23.0 | mg/L | 1 | 25.0 | <0.0195 | 92 | 90 - 110 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105144
Prep Batch: 89065

Date Analyzed: 2013-09-04
QC Preparation: 2013-09-04

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|----|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Nitrate-N | Qs | 1 | 4.45 | mg/L | 1 | 5.00 | <0.0327 | 89 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|----|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | Qs | 1 | 4.45 | mg/L | 1 | 5.00 | <0.0327 | 89 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105159
Prep Batch: 89076

Date Analyzed: 2013-09-17
QC Preparation: 2013-09-17

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 49.0 | mg/L | 1 | 50.0 | <1.66 | 98 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 50.4 | mg/L | 1 | 50.0 | <1.66 | 101 | 79.2 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105161
Prep Batch: 89080

Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 23.1 | mg/L | 1 | 25.0 | <0.0195 | 92 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 23.0 | mg/L | 1 | 25.0 | <0.0195 | 92 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105161
Prep Batch: 89080

Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|----|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | Dil. | | | | |
| Nitrate-N | Qs | 1 | 4.47 | mg/L | 1 | 5.00 | <0.0327 | 89 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|----|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | Dil. | | | | | | |
| Nitrate-N | Qs | 1 | 4.47 | mg/L | 1 | 5.00 | <0.0327 | 89 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341027

QC Batch: 104764
Prep Batch: 88768

Date Analyzed: 2013-09-04
QC Preparation: 2013-09-04

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | Dil. | | | | |
| Chloride | | 1 | 1790 | mg/L | 55.6 | 1390 | 414 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | Dil. | | | | | | |
| Chloride | | 1 | 1750 | mg/L | 55.6 | 1390 | 414 | 96 | 90 - 110 | 2 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341027

QC Batch: 104764
Prep Batch: 88768

Date Analyzed: 2013-09-04
QC Preparation: 2013-09-04

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|----|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | Dil. | | | | |
| Nitrate-N | Qs | 1 | 257 | mg/L | 55.6 | 278 | 10.9 | 88 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|----|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | Dil. | | | | | | |
| Nitrate-N | Qs | 1 | 249 | mg/L | 55.6 | 278 | 10.9 | 86 | 90 - 110 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341030

QC Batch: 104999 Date Analyzed: 2013-09-11 Analyzed By: SAS
Prep Batch: 88966 QC Preparation: 2013-09-11 Prepared By: SAS

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 51.8 | mg/L | 1 | 50.0 | 2.1 | 99 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 50.4 | mg/L | 1 | 50.0 | 2.1 | 97 | 58.1 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341030

QC Batch: 105144 Date Analyzed: 2013-09-04 Analyzed By: JR
Prep Batch: 89065 QC Preparation: 2013-09-04 Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 1720 | mg/L | 55.6 | 1390 | 338 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 1720 | mg/L | 55.6 | 1390 | 338 | 99 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341030

QC Batch: 105144 Date Analyzed: 2013-09-04 Analyzed By: JR
Prep Batch: 89065 QC Preparation: 2013-09-04 Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|------|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | Qs 1 | 251 | mg/L | 55.6 | 278 | 12 | 86 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|----|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | qs | 1 | 250 | mg/L | 55.6 | 278 | 12 | 86 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341031

QC Batch: 105159 Date Analyzed: 2013-09-17 Analyzed By: SAS
Prep Batch: 89076 QC Preparation: 2013-09-17 Prepared By: SAS

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 48.3 | mg/L | 1 | 50.0 | 3.5 | 90 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | 3.5 | 92 | 58.1 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341031

QC Batch: 105161 Date Analyzed: 2013-09-05 Analyzed By: JR
Prep Batch: 89080 QC Preparation: 2013-09-05 Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 1770 | mg/L | 55.6 | 1390 | 416 | 97 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 1770 | mg/L | 55.6 | 1390 | 416 | 97 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341031

QC Batch: 105161 Date Analyzed: 2013-09-05 Analyzed By: JR
Prep Batch: 89080 QC Preparation: 2013-09-05 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|----|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | qs | 1 | 259 | mg/L | 55.6 | 278 | 16.4 | 87 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|----|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Nitrate-N | qs | 1 | 259 | mg/L | 55.6 | 278 | 16.4 | 87 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 104764

Date Analyzed: 2013-09-04

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 23.6 | 94 | 90 - 110 | 2013-09-04 |

Standard (CCV-1)

QC Batch: 104764

Date Analyzed: 2013-09-04

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.78 | 96 | 90 - 110 | 2013-09-04 |

Standard (CCV-2)

QC Batch: 104764

Date Analyzed: 2013-09-04

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 23.8 | 95 | 90 - 110 | 2013-09-04 |

Standard (CCV-2)

QC Batch: 104764

Date Analyzed: 2013-09-04

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.81 | 96 | 90 - 110 | 2013-09-04 |

Standard (ICV-1)

QC Batch: 104999

Date Analyzed: 2013-09-11

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.76 | 95 | 85 - 115 | 2013-09-11 |

Standard (CCV-1)

QC Batch: 104999

Date Analyzed: 2013-09-11

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.62 | 92 | 85 - 115 | 2013-09-11 |

Standard (CCV-1)

QC Batch: 105144

Date Analyzed: 2013-09-04

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 23.8 | 95 | 90 - 110 | 2013-09-04 |

Standard (CCV-1)

QC Batch: 105144

Date Analyzed: 2013-09-04

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.81 | 96 | 90 - 110 | 2013-09-04 |

Standard (CCV-2)

QC Batch: 105144

Date Analyzed: 2013-09-04

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 23.8 | 95 | 90 - 110 | 2013-09-04 |

Standard (CCV-2)

QC Batch: 105144

Date Analyzed: 2013-09-04

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.82 | 96 | 90 - 110 | 2013-09-04 |

Standard (ICV-1)

QC Batch: 105159

Date Analyzed: 2013-09-17

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-17 |

Standard (CCV-1)

QC Batch: 105159

Date Analyzed: 2013-09-17

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-17 |

Standard (CCV-1)

QC Batch: 105161

Date Analyzed: 2013-09-05

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 23.8 | 95 | 90 - 110 | 2013-09-05 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike | |
|---------------|-----------------|--------|------------|-----------------------------|--------|------|
| | | | | | Amount | Pass |
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.0500 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0833 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

13090443

6707 Aberdeen, Ste. 9 Lubbock, TX 79424 Tel (806) 794-1296 Fax (806) 794-1298

TraceAnalysis, Inc.

Company Name: Phone #: 915-859-8150 Cell #: 915-859-8150

D&H Petroleum & Environmental Services Address: (Street, City, Zip) 1221 Tower Trail Ln, El Paso TX 79907

Contact Person: Victor Ayala E-mail: vajala@dhpump.com

Invoice to (if different from above): Jerry Settles 575/233-4331

Del Oro Dairy, PO Box 1846, Anthony, TX 88021 Project #: 422537

Project Name: Del Oro Dairy Sampler Signature: JMS

Project Location (including state): Del Oro Dairy, 1025 East O'Hara, Anthony, NM

| LAB # (LAB USE ONLY) | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | SAMPLING | | | |
|-------------------------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|--------|-------|------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME |
| 692-01 | | 1 | | X | | | | X | | X | | | | | |
| 692-01 | | 1 | | X | | | | X | | X | | | | | |
| 341028-1 | | 1 | 250 ml | X | | | | X | | X | | | 9/4/13 | 1:05 | |
| 692-02 | | 1 | | X | | | | X | | X | | | | 1:05 | |
| 692-04 | | 1 | | X | | | | X | | X | | | | | |
| 692-04 | | 1 | | X | | | | X | | X | | | | | |
| 341028-1 | | 1 | | X | | | | X | | X | | | | 10:35 | |
| 692-05 | | 1 | | X | | | | X | | X | | | | 10:35 | |
| 341028-1 | | 1 | | X | | | | X | | X | | | | 11:11 | |
| 692-06 | | 1 | | X | | | | X | | X | | | | 11:11 | |
| 341029-1 | | 1 | | X | | | | X | | X | | | | 11:44 | |
| 692-07 | | 1 | | X | | | | X | | X | | | | 11:44 | |
| 341028-1 | | 1 | | X | | | | X | | X | | | | 12:52 | |
| 692-08 | | 1 | | X | | | | X | | X | | | | 12:52 | |
| 341028-1 | | 1 | | X | | | | X | | X | | | | 2:30 | |
| 692-09 | | 1 | | X | | | | X | | X | | | | 2:30 | |
| 692-09 | | 1 | | X | | | | X | | X | | | | 2:30 | |

| | |
|---------------------------------------------------|------------------------------------------------------|
| Relinquished By: JMS Date: 8-30-13 15:24 09/04/13 | Received By: Danny de Hara Date: 9-4-13 15:25 |
| Relinquished By: Danny de Hara Date: 9-4-13 16:30 | Received at Laboratory By: JMS TA Date: 9-15-13 9:35 |

Page 1 of 1
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
LAB Order ID # 13090443

| ANALYSIS REQUEST | |
|--------------------------------------------------|---|
| MTBE 8021B/602 | |
| BTEX 8021B/602 | |
| TPH 418.1 / TX1005 | |
| TX 1005 Extended (C35) | |
| PAH 8270C | |
| PAH 8270 (Low Level Analysis) | |
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | X |
| Nitrate as Nitrogen EPA 300.0 | X |
| Chloride EPA Method 300.0 | X |
| Sulfate EPA Method 300.0 | X |
| Total Dissolved Solids SM 2540 C MOD | X |
| Total Kjeldahl Nitrogen SM 4500 NORG C | X |
| Phosphorus SM 4500 | X |
| Turn Around Time | |
| Hold | |

Remarks: ICE TDS, NORG C in LS: 486 33718

Lab Use Only
 Intact / N
 Headspace Y / N
 Temp 12-2 2/2
 Log-in Review

Dry Weight Basis Required
 TRRP Report Required

9-10-13 (12)

6701 Aberdeen, Ste. 9
 Lubbock, TX 79424
 Tel (806) 794-1296
 Fax (806) 794-1298

TraceAnalysis, Inc.
 155 McCutcheon, Ste. H
 Paso, TX 79932
 Tel (915) 585-3443
 Fax (915) 585-4944

Company Name: 13090443

D&H Petroleum & Environmental Services
 Address: (Street, City, Zip)
 1221 Tower Trail Ln, El Paso TX 79907

Contact Person: Victor Ayala

Jerry Settles 575/233-4331
 Jerry Settles 575-882-4331
 Jerry Settles 575-882-4331

Project #: 422537
 Del Oro Dairy
 Del Oro Dairy, 1025 East O'Hara, Anthony, NM

Project Location (including state):
 Del Oro Dairy, 1025 East O'Hara, Anthony, NM

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | | | PRESERVATIVE METHOD | | | | | SAMPLING | |
|----------|------------|--------------|---------------|--------|------|-----|--------|-----|------------------|--------------------------------|------|-----|------|------|----------|-------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME | |
| | 692 lagoon | 1 | 250ml | X | | | | X | X | X | X | X | X | X | 7/13/13 | 11:45 |
| | 692 lagoon | 1 | ↓ | X | | | | X | X | X | X | X | X | X | 7/13/13 | 11:45 |
| 341032-1 | 692 lagoon | 1 | 250 | X | | | | X | X | X | X | X | X | X | 7/4/13 | 2:45 |
| ↓-2 | 692 lagoon | 1 | 250 | X | | | | X | X | X | X | X | X | X | 7/4/13 | 2:45 |
| | | 1 | | X | | | | X | X | X | X | X | X | X | | |
| | | 1 | | X | | | | X | X | X | X | X | X | X | | |
| | | 1 | | X | | | | X | X | X | X | X | X | X | | |
| | | 1 | | X | | | | X | X | X | X | X | X | X | | |
| | | 1 | | X | | | | X | X | X | X | X | X | X | | |
| | | 1 | | X | | | | X | X | X | X | X | X | X | | |
| | | 1 | | X | | | | X | X | X | X | X | X | X | | |
| | | 1 | | X | | | | X | X | X | X | X | X | X | | |
| | | 1 | | X | | | | X | X | X | X | X | X | X | | |
| | | 1 | | X | | | | X | X | X | X | X | X | X | | |
| | | 1 | | X | | | | X | X | X | X | X | X | X | | |
| | | 1 | | X | | | | X | X | X | X | X | X | X | | |
| | | 1 | | X | | | | X | X | X | X | X | X | X | | |
| | | 1 | | X | | | | X | X | X | X | X | X | X | | |
| | | 1 | | X | | | | X | X | X | X | X | X | X | | |
| | | 1 | | X | | | | X | X | X | X | X | X | X | | |
| | | 1 | | X | | | | X | X | X | X | X | X | X | | |
| | | 1 | | X | | | | X | X | X | X | X | X | X | | |

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | | | PRESERVATIVE METHOD | | | | | SAMPLING | | DATE | TIME |
|--------------------------------------------------|------------|--------------|---------------|--------|------|-----|--------|-----|------------------|--------------------------------|------|-----|------|--|----------|--|------|------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | | | | | |
| MTEB 8021B/602 | | | | | | | | | | | | | | | | | | |
| BTEX 8021B/602 | | | | | | | | | | | | | | | | | | |
| TPH 418.1 / TX1005 | | | | | | | | | | | | | | | | | | |
| TX 1005 Extended (C35) | | | | | | | | | | | | | | | | | | |
| PAH 8270C | | | | | | | | | | | | | | | | | | |
| PAH 8270 (Low Level Analysis) | | | | | | | | | | | | | | | | | | |
| Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 | | | | | | | | | | | | | | | | | | |
| Nitrate as Nitrogen EPA 300.0 | | | | | | | | | | | | | | | | | | |
| Chloride EPA Method 300.0 | | | | | | | | | | | | | | | | | | |
| Sulfate EPA Method 300.0 | | | | | | | | | | | | | | | | | | |
| Total Dissolved Solids SM 2540 C MOD | | | | | | | | | | | | | | | | | | |
| Total Kjeldahl Nitrogen SM 4500 NORGC | | | | | | | | | | | | | | | | | | |
| Phosphorus SM 4500 | | | | | | | | | | | | | | | | | | |
| Turn Around Time | | | | | | | | | | | | | | | | | | |

ANALYSIS REQUEST

Remarks: ICE
TOS, NB, C I U E P

Lab Use Only
 Intact N
 Headspace N
 Temp 15.24 / 15.25
 Log-in Review 9/15/13

Relinquished By: JWA Date: 15:24 Time: 9
 Relinquished By: Dunya de H Date: 15:24 Time: 16:30
 Received at Laboratory By: Dunya de H Date: 9-4-13 Time: 15:25

Dry Weight Basis Required
 TRRP Report Required



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
 200 East Sunset Road, Suite E El Paso, Texas 79922 915-585-3443 FAX 915-585-4944
 5002 Basin Street, Suite A1 Midland, Texas 79703 432-689-6301 FAX 432-689-6313
 (BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972-242-7750
 E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Bruce Bonestroo
 River Valley Dairy, LLC
 1400 La Chuga Rd., Mesquite
 P.O. Box 1929
 Anthony, NM, 88021

Report Date: September 18, 2013

Work Order: 13082730



DP: 167
 Project Location: 1400 La Chuga Rd., Mesquite, NM
 Project Name: River Valley Dairy, LLC

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 340227 | 167-09 | water | 2013-08-27 | 12:57 | 2013-08-27 |
| 340228 | 167-Lagoon | water | 2013-08-27 | 10:30 | 2013-08-27 |
| 340229 | 167-01 | water | 2013-08-27 | 11:45 | 2013-08-27 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 16 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Dr. Blair Leftwich, Director
 Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project River Valley Dairy, LLC were received by TraceAnalysis, Inc. on 2013-08-27 and assigned to work order 13082730. Samples for work order 13082730 were received intact at a temperature of 3.0 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|------------|---------------------|----------|---------------------|
| Chloride (IC) | E 300.0 | 88561 | 2013-08-28 at 12:34 | 104520 | 2013-08-28 at 12:34 |
| NO3 (IC) | E 300.0 | 88561 | 2013-08-28 at 12:34 | 104520 | 2013-08-28 at 12:34 |
| TDS | SM 2540C | 88669 | 2013-09-02 at 08:00 | 104656 | 2013-09-02 at 08:00 |
| TKN | SM 4500-NH3 B,C | 88854 | 2013-09-09 at 12:00 | 104866 | 2013-09-09 at 18:00 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13082730 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 340227 - 167-09

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104520 Date Analyzed: 2013-08-28 Analyzed By: JR
 Prep Batch: 88561 Sample Preparation: 2013-08-28 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 772 | 772 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340227 - 167-09

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104520 Date Analyzed: 2013-08-28 Analyzed By: JR
 Prep Batch: 88561 Sample Preparation: 2013-08-28 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 6.24 | 6.24 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 340227 - 167-09

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104656 Date Analyzed: 2013-09-02 Analyzed By: MC
 Prep Batch: 88669 Sample Preparation: Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 3320 | 3320 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340227 - 167-09

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104866 Date Analyzed: 2013-09-09 Analyzed By: SAS
 Prep Batch: 88854 Sample Preparation: 2013-09-09 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 5.60 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 340228 - 167-Lagoon

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104520 Date Analyzed: 2013-08-28 Analyzed By: JR
 Prep Batch: 88561 Sample Preparation: 2013-08-28 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 516 | 516 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340228 - 167-Lagoon

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104520 Date Analyzed: 2013-08-28 Analyzed By: JR
 Prep Batch: 88561 Sample Preparation: 2013-08-28 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | J | 1 | 1.60 | <2.50 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 340228 - 167-Lagoon

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104656 Date Analyzed: 2013-09-02 Analyzed By: MC
 Prep Batch: 88669 Sample Preparation: Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2360 | 2360 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340228 - 167-Lagoon

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104866 Date Analyzed: 2013-09-09 Analyzed By: SAS
 Prep Batch: 88854 Sample Preparation: 2013-09-09 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|-------|-------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | | 2 | 116 | 116 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 340229 - 167-01

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104520 Date Analyzed: 2013-08-28 Analyzed By: JR
 Prep Batch: 88561 Sample Preparation: 2013-08-28 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|-------|-------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 290 | 290 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340229 - 167-01

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104520 Date Analyzed: 2013-08-28 Analyzed By: JR
 Prep Batch: 88561 Sample Preparation: 2013-08-28 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|--------|-------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | u | 1 | <0.164 | <2.50 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 340229 - 167-01

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104656 Date Analyzed: 2013-09-02 Analyzed By: MC
 Prep Batch: 88669 Sample Preparation: Prepared By: MC

continued . . .

sample 340229 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 1260 | 1260 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340229 - 167-01

Laboratory: Lubbock
Analysis: TKN
QC Batch: 104866
Prep Batch: 88854

Analytical Method: SM 4500-NH3 B,C
Date Analyzed: 2013-09-09
Sample Preparation: 2013-09-09

Prep Method: N/A
Analyzed By: SAS
Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | | 2 | 10.5 | 10.5 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 104520
Prep Batch: 88561Date Analyzed: 2013-08-28
QC Preparation: 2013-08-28Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 104520
Prep Batch: 88561Date Analyzed: 2013-08-28
QC Preparation: 2013-08-28Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)

QC Batch: 104656
Prep Batch: 88669Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02Analyzed By: MC
Prepared By: MC

| Parameter | F | C | Result | Units | Reporting Limits |
|------------------------|---|---|--------|-------|------------------|
| Total Dissolved Solids | | 1 | <2.50 | mg/L | 2.5 |

Method Blank (1)

QC Batch: 104866
Prep Batch: 88854Date Analyzed: 2013-09-09
QC Preparation: 2013-09-09Analyzed By: SAS
Prepared By: SAS

Report Date: September 18, 2013

Work Order: 13082730
River Valley Dairy, LLC

Page Number: 9 of 16
1400 La Chuga Rd., Mesquite, NM

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Duplicate (1) Duplicated Sample: 340370

QC Batch: 104656
Prep Batch: 88669

Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02

Analyzed By: MC
Prepared By: MC

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|------------------|---------------|-------|----------|-----|-----------|
| Total Dissolved Solids | | 1 | 2860 | 3160 | mg/L | 1 | 10 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104520 Date Analyzed: 2013-08-28 Analyzed By: JR
Prep Batch: 88561 QC Preparation: 2013-08-28 Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 24.8 | mg/L | 1 | 25.0 | <0.0195 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 24.9 | mg/L | 1 | 25.0 | <0.0195 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104520 Date Analyzed: 2013-08-28 Analyzed By: JR
Prep Batch: 88561 QC Preparation: 2013-08-28 Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 1 | 5.01 | mg/L | 1 | 5.00 | <0.0327 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 5.02 | mg/L | 1 | 5.00 | <0.0327 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104656 Date Analyzed: 2013-09-02 Analyzed By: MC
Prep Batch: 88669 QC Preparation: 2013-09-02 Prepared By: MC

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Dissolved Solids | | 1 | 994 | mg/L | 1 | 1000 | <2.50 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Total Dissolved Solids | | 1 | 982 | mg/L | 1 | 1000 | <2.50 | 98 | 90 - 110 | 1 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104866
Prep Batch: 88854

Date Analyzed: 2013-09-09
QC Preparation: 2013-09-09

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | <1.66 | 99 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 49.0 | mg/L | 1 | 50.0 | <1.66 | 98 | 79.2 - 115 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340229

QC Batch: 104520
Prep Batch: 88561

Date Analyzed: 2013-08-28
QC Preparation: 2013-08-28

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 1690 | mg/L | 55.6 | 1390 | 290 | 101 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 1690 | mg/L | 55.6 | 1390 | 290 | 101 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340229

QC Batch: 104520
Prep Batch: 88561

Date Analyzed: 2013-08-28
QC Preparation: 2013-08-28

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 279 | mg/L | 55.6 | 278 | <1.82 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|-----------|---|---|---------------|-------|------|-----------------|------------------|---------------|----------|--------------|----|
| Nitrate-N | | 1 | 279 | mg/L | 55.6 | 278 | <1.82 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340370

QC Batch: 104866
Prep Batch: 88854

Date Analyzed: 2013-09-09
QC Preparation: 2013-09-09

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 38.5 | mg/L | 1 | 50.0 | 5.6 | 66 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit | |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|---------------|------------|--------------|----|
| Total Kjeldahl Nitrogen - N | | 2 | 39.2 | mg/L | 1 | 50.0 | 5.6 | 67 | 58.1 - 115 | 2 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 104520

Date Analyzed: 2013-08-28

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.6 | 98 | 90 - 110 | 2013-08-28 |

Standard (CCV-1)

QC Batch: 104520

Date Analyzed: 2013-08-28

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.97 | 99 | 90 - 110 | 2013-08-28 |

Standard (CCV-2)

QC Batch: 104520

Date Analyzed: 2013-08-28

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.8 | 99 | 90 - 110 | 2013-08-28 |

Standard (CCV-2)

QC Batch: 104520

Date Analyzed: 2013-08-28

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.00 | 100 | 90 - 110 | 2013-08-28 |

Standard (ICV-1)

QC Batch: 104866

Date Analyzed: 2013-09-09

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.62 | 92 | 85 - 115 | 2013-09-09 |

Standard (CCV-1)

QC Batch: 104866

Date Analyzed: 2013-09-09

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.76 | 95 | 85 - 115 | 2013-09-09 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike | |
|---------------|-----------------|--------|------------|-----------------------------|--------|------|
| | | | | | Amount | Pass |
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.0500 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0833 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

13082730

6701 Aberdeen, Ste. 9
Lubbock, TX 79424
Tel (806) 794-1296
Fax (806) 794-1298

TraceAnalysis, Inc.

Company Name: D&H Petroleum & Environmental Services
Address: (Street, City, Zip)
1221 Tower Trail Ln, El Paso TX 79907
Contact Person: Victor Ayala
E-mail: vajala@dhpump.com

Phone #: 915-859-8150
Cell #: _____
Fax #: _____
E-mail: _____

Invoice to (if different from above):
River Valley Dairy, PO Box 1929, Anthony, NM 88021
Project #: 422547
Project Name: Bruce Bonestroo 575-233-2061
River Valley Dairy, LLC
Sampler Signature: _____

Project Location (including state):
River Valley Dairy, 1400 La Chuga Rd., Mesquite, NM

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | | SAMPLING | | | | |
|-----------------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|-----|----------|------|---------|-------|--|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME | | |
| 167-06 | | 1 | 250ml | X | | | | X | | | | X | | | | | |
| 167-08 | | 1 | | X | | | | X | | | | X | | | | | |
| 340227-167-09 | | 1 | | X | | | | X | | | | X | | | 8-27-13 | 12:57 | |
| 167-09 | | 1 | | X | | | | X | | | | X | | | 8-27-13 | 12:57 | |
| 28-1 167 Lagoon | | 1 | | X | | | | X | | | | X | | | 8-27-13 | 10:30 | |
| 1-2 167 Lagoon | | 1 | | X | | | | X | | | | X | | | 8-27-13 | 10:30 | |
| 29-1 167-01 | | 1 | | X | | | | X | | | | X | | | 8-27-13 | 11:45 | |
| 1-2 167-01 | | 1 | | X | | | | X | | | | X | | | 8-27-13 | 11:45 | |

| Relinquished By: | Date: | Time: | Received By: | Date: | Time: |
|--------------------|---------|--------|--------------------|---------|-------|
| <i>[Signature]</i> | 8/27/13 | 3:59pm | <i>[Signature]</i> | 8-27-13 | 15:59 |
| <i>[Signature]</i> | 8-28-13 | 16:30 | <i>[Signature]</i> | 8-27-13 | 9:00 |

Page 1 of 1
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
LAB Order ID # 13082730

| ANALYSIS REQUEST | MTBE 8021B/602 | BTEX 8021B/602 | TPH 418.1 / TX1005 | TX 1005 Extended (C35) | PAH 8270C | PAH 8270 (Low Level Analysis) | Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | Nitrates EPA 300 | TKN SM 4500 NORG C | Chloride EPA 300 | Total Dissolved Solids SM 2540 C MOD | Turn Around Time |
|------------------|----------------|----------------|--------------------|------------------------|-----------|-------------------------------|--------------------------------------------------|------------------|--------------------|------------------|--------------------------------------|------------------|
| | | | | | | | | X | X | X | X | |
| | | | | | | | | X | X | X | X | |
| | | | | | | | | X | X | X | X | |
| | | | | | | | | X | X | X | X | |
| | | | | | | | | X | X | X | X | |

Remarks: ICE 183 2.7/2.0
TKN @ Lubbock
AS. ASL 33714
Dry Weight Basis Required
TRRP Report Required



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
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 E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Bruce Bonestroo
 River Valley Dairy, LLC
 1400 La Chuga Rd., Mesquite
 P.O. Box 1929
 Anthony, NM, 88021

Report Date: September 18, 2013

Work Order: 13082635



DP: 167
 Project Location: 1400 La Chuga Rd., Mesquite, NM
 Project Name: River Valley Dairy, LLC

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 340111 | 167-01A | water | 2013-08-26 | 14:20 | 2013-08-26 |
| 340112 | 167-03 | water | 2013-08-26 | 12:46 | 2013-08-26 |
| 340113 | 167-04 | water | 2013-08-26 | 11:28 | 2013-08-26 |
| 340114 | 167-05 | water | 2013-08-26 | 15:01 | 2013-08-26 |
| 340115 | 167-06 | water | 2013-08-26 | 10:07 | 2013-08-26 |
| 340116 | 167-07 | water | 2013-08-26 | 13:47 | 2013-08-26 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 25 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project River Valley Dairy, LLC were received by TraceAnalysis, Inc. on 2013-08-26 and assigned to work order 13082635. Samples for work order 13082635 were received intact at a temperature of 3.0 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|------------|---------------------|----------|---------------------|
| Chloride (IC) | E 300.0 | 88559 | 2013-08-27 at 16:23 | 104518 | 2013-08-27 at 16:23 |
| Chloride (IC) | E 300.0 | 88560 | 2013-08-27 at 20:29 | 104519 | 2013-08-27 at 20:29 |
| NO3 (IC) | E 300.0 | 88559 | 2013-08-27 at 16:23 | 104518 | 2013-08-27 at 16:23 |
| NO3 (IC) | E 300.0 | 88560 | 2013-08-27 at 20:29 | 104519 | 2013-08-27 at 20:29 |
| TDS | SM 2540C | 88554 | 2013-08-27 at 14:30 | 104511 | 2013-08-27 at 14:30 |
| TKN | SM 4500-NH3 B,C | 88776 | 2013-09-05 at 16:00 | 104775 | 2013-09-05 at 20:00 |
| TKN | SM 4500-NH3 B,C | 88854 | 2013-09-09 at 12:00 | 104866 | 2013-09-09 at 18:00 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13082635 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 340111 - 167-01A

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104518 Date Analyzed: 2013-08-27 Analyzed By: JR
 Prep Batch: 88559 Sample Preparation: 2013-08-27 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 907 | 907 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340111 - 167-01A

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104518 Date Analyzed: 2013-08-27 Analyzed By: JR
 Prep Batch: 88559 Sample Preparation: 2013-08-27 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 4.84 | 4.84 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 340111 - 167-01A

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104511 Date Analyzed: 2013-08-27 Analyzed By: MC
 Prep Batch: 88554 Sample Preparation: 2013-08-27 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 3610 | 3610 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340111 - 167-01A

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104775 Date Analyzed: 2013-09-05 Analyzed By: SAS
 Prep Batch: 88776 Sample Preparation: Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | | 2 | 10.5 | 10.5 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 340112 - 167-03

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104518 Date Analyzed: 2013-08-27 Analyzed By: JR
 Prep Batch: 88559 Sample Preparation: 2013-08-27 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 587 | 587 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340112 - 167-03

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104518 Date Analyzed: 2013-08-27 Analyzed By: JR
 Prep Batch: 88559 Sample Preparation: 2013-08-27 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 19.0 | 19.0 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 340112 - 167-03

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104511 Date Analyzed: 2013-08-27 Analyzed By: MC
 Prep Batch: 88554 Sample Preparation: 2013-08-27 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2440 | 2440 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340112 - 167-03

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104866 Date Analyzed: 2013-09-09 Analyzed By: SAS
 Prep Batch: 88854 Sample Preparation: 2013-09-09 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|-------------|-------|--------|-------|----------|--------------|--------------|------|
| | | | Based | Based | Blank | | | (Unadjusted) | (Unadjusted) | |
| Total Kjeldahl Nitrogen - N | J | 2 | 2.80 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 340113 - 167-04

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104518 Date Analyzed: 2013-08-27 Analyzed By: JR
 Prep Batch: 88559 Sample Preparation: 2013-08-27 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-------------|-------------|--------|-------|----------|--------------|--------------|--------|
| | | | Based | Based | Blank | | | (Unadjusted) | (Unadjusted) | |
| Chloride | | 1 | 1090 | 1090 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340113 - 167-04

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104518 Date Analyzed: 2013-08-27 Analyzed By: JR
 Prep Batch: 88559 Sample Preparation: 2013-08-27 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-------------|-------------|--------|-------|----------|--------------|--------------|--------|
| | | | Based | Based | Blank | | | (Unadjusted) | (Unadjusted) | |
| Nitrate-N | | 1 | 25.5 | 25.5 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 340113 - 167-04

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104511 Date Analyzed: 2013-08-27 Analyzed By: MC
 Prep Batch: 88554 Sample Preparation: 2013-08-27 Prepared By: MC

continued . . .

sample 340113 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 3900 | 3900 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340113 - 167-04

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104866 Date Analyzed: 2013-09-09 Analyzed By: SAS
 Prep Batch: 88854 Sample Preparation: 2013-09-09 Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 6.30 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 340114 - 167-05

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104519 Date Analyzed: 2013-08-27 Analyzed By: JR
 Prep Batch: 88560 Sample Preparation: 2013-08-27 Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 767 | 767 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340114 - 167-05

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104519 Date Analyzed: 2013-08-27 Analyzed By: JR
 Prep Batch: 88560 Sample Preparation: 2013-08-27 Prepared By: JR

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Nitrate-N | | 1 | 4.54 | 4.54 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 340114 - 167-05

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104511 Date Analyzed: 2013-08-27 Analyzed By: MC
 Prep Batch: 88554 Sample Preparation: 2013-08-27 Prepared By: MC

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 3400 | 3400 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340114 - 167-05

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104866 Date Analyzed: 2013-09-09 Analyzed By: SAS
 Prep Batch: 88854 Sample Preparation: 2013-09-09 Prepared By: SAS

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 3.50 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 340115 - 167-06

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104519 Date Analyzed: 2013-08-27 Analyzed By: JR
 Prep Batch: 88560 Sample Preparation: 2013-08-27 Prepared By: JR

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 757 | 757 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340115 - 167-06

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104519 Date Analyzed: 2013-08-27 Analyzed By: JR
 Prep Batch: 88560 Sample Preparation: 2013-08-27 Prepared By: JR

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 29.0 | 29.0 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 340115 - 167-06

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104511 Date Analyzed: 2013-08-27 Analyzed By: MC
 Prep Batch: 88554 Sample Preparation: 2013-08-27 Prepared By: MC

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2740 | 2740 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340115 - 167-06

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104866 Date Analyzed: 2013-09-09 Analyzed By: SAS
 Prep Batch: 88854 Sample Preparation: 2013-09-09 Prepared By: SAS

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 2.10 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 340116 - 167-07

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104519 Date Analyzed: 2013-08-27 Analyzed By: JR
 Prep Batch: 88560 Sample Preparation: 2013-08-27 Prepared By: JR

continued ...

sample 340116 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 681 | 681 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340116 - 167-07

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104519 Date Analyzed: 2013-08-27 Analyzed By: JR
 Prep Batch: 88560 Sample Preparation: 2013-08-27 Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Nitrate-N | J | 1 | 2.00 | <5.00 | <0.327 | mg/L | 10 | 0.327 | 0.5 | 0.0327 |

Sample: 340116 - 167-07

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104511 Date Analyzed: 2013-08-27 Analyzed By: MC
 Prep Batch: 88554 Sample Preparation: 2013-08-27 Prepared By: MC

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 4770 | 4770 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340116 - 167-07

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104866 Date Analyzed: 2013-09-09 Analyzed By: SAS
 Prep Batch: 88854 Sample Preparation: 2013-09-09 Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 4.20 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 104511
Prep Batch: 88554Date Analyzed: 2013-08-27
QC Preparation: 2013-08-27Analyzed By: MC
Prepared By: MC

| Parameter | F | C | Result | Units | Reporting Limits |
|------------------------|---|---|--------|-------|------------------|
| Total Dissolved Solids | | 1 | <2.50 | mg/L | 2.5 |

Method Blank (1)

QC Batch: 104518
Prep Batch: 88559Date Analyzed: 2013-08-27
QC Preparation: 2013-08-27Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Chloride | | 1 | 1.33 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 104518
Prep Batch: 88559Date Analyzed: 2013-08-27
QC Preparation: 2013-08-27Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Nitrate-N | | 1 | 0.142 | mg/L | 0.0327 |

Method Blank (1)

QC Batch: 104519
Prep Batch: 88560Date Analyzed: 2013-08-27
QC Preparation: 2013-08-27Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Chloride | | 1 | 1.33 | mg/L | 0.0195 |

Method Blank (1)QC Batch: 104519
Prep Batch: 88560Date Analyzed: 2013-08-27
QC Preparation: 2013-08-27Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)QC Batch: 104775
Prep Batch: 88776Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05Analyzed By: SAS
Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Method Blank (1)QC Batch: 104866
Prep Batch: 88854Date Analyzed: 2013-09-09
QC Preparation: 2013-09-09Analyzed By: SAS
Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Duplicate (1) Duplicated Sample: 339563QC Batch: 104511
Prep Batch: 88554Date Analyzed: 2013-08-27
QC Preparation: 2013-08-27Analyzed By: MC
Prepared By: MC

Report Date: September 18, 2013

Work Order: 13082635
River Valley Dairy, LLC

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1400 La Chuga Rd., Mesquite, NM

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|---------------------|------------------|-------|----------|-----|--------------|
| Total Dissolved Solids | | 1 | 2760 | 2800 | mg/L | 1 | 1 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104511
Prep Batch: 88554Date Analyzed: 2013-08-27
QC Preparation: 2013-08-27Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Dissolved Solids | | 1 | 937 | mg/L | 1 | 1000 | <2.50 | 94 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Total Dissolved Solids | | 1 | 939 | mg/L | 1 | 1000 | <2.50 | 94 | 90 - 110 | 0 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104518
Prep Batch: 88559Date Analyzed: 2013-08-27
QC Preparation: 2013-08-27Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 23.9 | mg/L | 1 | 25.0 | <0.0195 | 96 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | | 1 | 23.9 | mg/L | 1 | 25.0 | <0.0195 | 96 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104518
Prep Batch: 88559Date Analyzed: 2013-08-27
QC Preparation: 2013-08-27Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 4.83 | mg/L | 1 | 5.00 | <0.0327 | 97 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 4.84 | mg/L | 1 | 5.00 | <0.0327 | 97 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104519
Prep Batch: 88560

Date Analyzed: 2013-08-27
QC Preparation: 2013-08-27

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 24.1 | mg/L | 1 | 25.0 | <0.0195 | 96 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 24.2 | mg/L | 1 | 25.0 | <0.0195 | 97 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104519
Prep Batch: 88560

Date Analyzed: 2013-08-27
QC Preparation: 2013-08-27

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 1 | 4.87 | mg/L | 1 | 5.00 | <0.0327 | 97 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 4.88 | mg/L | 1 | 5.00 | <0.0327 | 98 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104775
Prep Batch: 88776

Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | <1.66 | 99 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 48.3 | mg/L | 1 | 50.0 | <1.66 | 97 | 79.2 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104866
Prep Batch: 88854

Date Analyzed: 2013-09-09
QC Preparation: 2013-09-09

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | <1.66 | 99 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 49.0 | mg/L | 1 | 50.0 | <1.66 | 98 | 79.2 - 115 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340112

QC Batch: 104518
Prep Batch: 88559

Date Analyzed: 2013-08-27
QC Preparation: 2013-08-27

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 2030 | mg/L | 55.6 | 1390 | 587 | 104 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 2020 | mg/L | 55.6 | 1390 | 587 | 103 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340112

QC Batch: 104518 Date Analyzed: 2013-08-27 Analyzed By: JR
Prep Batch: 88559 QC Preparation: 2013-08-27 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|-----------|-------|------|--------------|---------------|------|------------|
| Nitrate-N | | 1 | 292 | mg/L | 55.6 | 278 | 19 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|------------|-------|------|--------------|---------------|------|------------|-----|-----------|
| Nitrate-N | | 1 | 291 | mg/L | 55.6 | 278 | 19 | 98 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340115

QC Batch: 104519 Date Analyzed: 2013-08-27 Analyzed By: JR
Prep Batch: 88560 QC Preparation: 2013-08-27 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|-----------|-------|------|--------------|---------------|------|------------|
| Chloride | | 1 | 2230 | mg/L | 55.6 | 1390 | 757 | 106 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|------------|-------|------|--------------|---------------|------|------------|-----|-----------|
| Chloride | | 1 | 2220 | mg/L | 55.6 | 1390 | 757 | 105 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340115

QC Batch: 104519 Date Analyzed: 2013-08-27 Analyzed By: JR
Prep Batch: 88560 QC Preparation: 2013-08-27 Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|-----------|-------|------|--------------|---------------|------|------------|
| Nitrate-N | | 1 | 303 | mg/L | 55.6 | 278 | 29 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|------------|-------|------|--------------|---------------|------|------------|-----|-----------|
| Nitrate-N | | 1 | 303 | mg/L | 55.6 | 278 | 29 | 98 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 339154

QC Batch: 104775
Prep Batch: 88776

Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | 2.8 | 94 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 51.1 | mg/L | 1 | 50.0 | 2.8 | 97 | 58.1 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340370

QC Batch: 104866
Prep Batch: 88854

Date Analyzed: 2013-09-09
QC Preparation: 2013-09-09

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 38.5 | mg/L | 1 | 50.0 | 5.6 | 66 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 39.2 | mg/L | 1 | 50.0 | 5.6 | 67 | 58.1 - 115 | 2 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 104518

Date Analyzed: 2013-08-27

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.1 | 96 | 90 - 110 | 2013-08-27 |

Standard (CCV-1)

QC Batch: 104518

Date Analyzed: 2013-08-27

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.86 | 97 | 90 - 110 | 2013-08-27 |

Standard (CCV-2)

QC Batch: 104518

Date Analyzed: 2013-08-27

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.4 | 98 | 90 - 110 | 2013-08-27 |

Standard (CCV-2)

QC Batch: 104518

Date Analyzed: 2013-08-27

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.93 | 99 | 90 - 110 | 2013-08-27 |

Standard (CCV-1)

QC Batch: 104519

Date Analyzed: 2013-08-27

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.4 | 98 | 90 - 110 | 2013-08-27 |

Standard (CCV-1)

QC Batch: 104519

Date Analyzed: 2013-08-27

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.93 | 99 | 90 - 110 | 2013-08-27 |

Standard (CCV-2)

QC Batch: 104519

Date Analyzed: 2013-08-27

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.6 | 98 | 90 - 110 | 2013-08-27 |

Standard (CCV-2)

QC Batch: 104519

Date Analyzed: 2013-08-27

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.97 | 99 | 90 - 110 | 2013-08-27 |

Standard (ICV-1)

QC Batch: 104775

Date Analyzed: 2013-09-05

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-05 |

Standard (CCV-1)

QC Batch: 104775

Date Analyzed: 2013-09-05

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-05 |

Standard (ICV-1)

QC Batch: 104866

Date Analyzed: 2013-09-09

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.62 | 92 | 85 - 115 | 2013-09-09 |

Standard (CCV-1)

QC Batch: 104866

Date Analyzed: 2013-09-09

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.76 | 95 | 85 - 115 | 2013-09-09 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike | |
|---------------|-----------------|--------|------------|-----------------------------|--------|------|
| | | | | | Amount | Pass |
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.0500 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0833 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

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 6701 Aberdeen, Ste. 9
 Lubbock, TX 79424
 Tel (806) 794-1296
 Fax (806) 794-1298

TraceAnalysis, Inc.

Company Name:

D&H Petroleum & Environmental Services

Address: (Street, City, Zip)

1221 Tower Trail Ln, El Paso TX 79907

Contact Person:

Victor Ayala

Invoice to (if different from above):

River Valley Dairy, PO Box 1929, Anthony, NM 88021

Project #:

422547


Project Location (including state):

River Valley Dairy, 1400 La Chuga Rd., Mesquite, NM

Project Name:

River Valley Dairy, LLC

Sampler Signature:



155 McCutcheon, Ste. H
 Paso, TX 79932
 Tel (915) 585-3443
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Phone #: 915-859-8150

Cell #:

Fax #:

E-mail: vajala@dhpump.com

Page 1 of 1
 CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
 LAB Order ID # 13082635

| ANALYSIS REQUEST | |
|--------------------------------------------------|------|
| MTBE 8021B/602 | |
| BTEX 8021B/602 | |
| TPH 418.1 / TX1005 | |
| TX 1005 Extended (C35) | |
| PAH 8270C | |
| PAH 8270 (Low Level Analysis) | |
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | |
| Nitrates EPA 300 | |
| TKN SM 4500 NORG C | |
| Chloride EPA 300 | |
| Total Dissolved Solids SM 2540 C MOD | |
| Turn Around Time | Hold |

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | | PRESERVATIVE METHOD | | | | | DATE | SAMPLING TIME | |
|--------|------------|--------------|---------------|--------|------|-----|--------|-----|---------------------|-------|------|-----|------|------|---------------|------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO3 | H2SO4 | NaOH | ICE | NONE | | | |
| 467-01 | | 1 | | X | | | | | X | | | | X | | | |
| 467-01 | | 1 | | X | | | | | X | | | | X | | | |
| 34011 | 167-01A | 1 | 250 | X | | | | | X | | | | X | | 8-26-13 | 1420 |
| | 167-01A | 1 | | X | | | | | X | | | | X | | 8-26-13 | 1420 |
| 467-02 | | 1 | | X | | | | | X | | | | X | | | |
| 467-02 | | 1 | | X | | | | | X | | | | X | | | |
| 112 | 167-03 | 1 | | X | | | | | X | | | | X | | 8-26-13 | 1246 |
| | 167-03 | 1 | | X | | | | | X | | | | X | | 8-26-13 | 1246 |
| 113 | 167-04 | 1 | | X | | | | | X | | | | X | | 8-26-13 | 1128 |
| | 167-04 | 1 | | X | | | | | X | | | | X | | 8-26-13 | 1128 |
| 114 | 167-05 | 1 | | X | | | | | X | | | | X | | 8-26-13 | 1501 |
| | 167-05 | 1 | | X | | | | | X | | | | X | | 8-26-13 | 1501 |
| 115 | 167-06 | 1 | | X | | | | | X | | | | X | | 8-26-13 | 1007 |
| | 167-06 | 1 | | X | | | | | X | | | | X | | 8-26-13 | 1007 |
| 116 | 167-07 | 1 | | X | | | | | X | | | | X | | 8-26-13 | 1347 |
| | 167-07 | 1 | | X | | | | | X | | | | X | | 8-26-13 | 1347 |

Relinquished By:  Date: 8/26/13 4:09

Received By:  Date: 8-26-13 16:05

Relinquished By:  Date: 8-27-13 1630

Received at Laboratory By:  Date: 8-26-13 16:05

Lab Use Only
 Intact Y / N
 Headspace Y / N
 Temp 3/3
 Log-in Review 

Remarks: on Ice
 TKN - analysis in Lubbock
 JS: 48033711
 Dry Weight Basis Required
 TRRP Report Required



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
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 E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Linda Armstrong
 Dona Ana Dairies

Report Date: September 24, 2013

P.O. Box 10
 Mesquite, NM, 88048

Work Order: 13091027



Project Location: Various Dairies, Dona Ana County, NM
 Project Name: Dona Ana Dairies Consortium
 Project #: DAD

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 341587 | DAD - 01 | water | 2013-09-10 | 10:28 | 2013-09-10 |
| 341588 | DAD - 12 | water | 2013-09-10 | 11:43 | 2013-09-10 |
| 341589 | DAD - 15 | water | 2013-09-10 | 12:08 | 2013-09-10 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 16 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Dr. Blair Leftwich, Director
 Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project Dona Ana Dairies Consortium were received by TraceAnalysis, Inc. on 2013-09-10 and assigned to work order 13091027. Samples for work order 13091027 were received intact at a temperature of 1 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|------------|---------------------|----------|---------------------|
| Chloride (IC) | E 300.0 | 88944 | 2013-09-11 at 14:00 | 104973 | 2013-09-11 at 15:04 |
| NO3 (IC) | E 300.0 | 88944 | 2013-09-11 at 14:00 | 104973 | 2013-09-11 at 15:04 |
| TDS | SM 2540C | 88982 | 2013-09-11 at 15:00 | 105026 | 2013-09-11 at 15:00 |
| TDS | SM 2540C | 89064 | 2013-09-16 at 09:40 | 105139 | 2013-09-16 at 09:40 |
| TKN | SM 4500-NH3 B,C | 89234 | 2013-09-23 at 14:00 | 105368 | 2013-09-23 at 18:00 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13091027 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 341587 - DAD - 01

Laboratory: Lubbock
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104973 Date Analyzed: 2013-09-11 Analyzed By: RL
 Prep Batch: 88944 Sample Preparation: 2013-09-11 Prepared By: RL

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 2 | 472 | 472 | <12.7 | mg/L | 50 | 12.7 | 2.5 | 0.254 |

Sample: 341587 - DAD - 01

Laboratory: Lubbock
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104973 Date Analyzed: 2013-09-11 Analyzed By: RL
 Prep Batch: 88944 Sample Preparation: 2013-09-11 Prepared By: RL

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|--------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 2 | 4.43 | 4.43 | <0.0483 | mg/L | 5 | 0.0483 | 0.04 | 0.00966 |

Sample: 341587 - DAD - 01

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 105139 Date Analyzed: 2013-09-16 Analyzed By: MC
 Prep Batch: 89064 Sample Preparation: 2013-09-16 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 1920 | 1920 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341587 - DAD - 01

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 105368 Date Analyzed: 2013-09-23 Analyzed By: SAS
 Prep Batch: 89234 Sample Preparation: 2013-09-23 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|-------------|-------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 2.80 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341588 - DAD - 12

Laboratory: Lubbock
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104973 Date Analyzed: 2013-09-11 Analyzed By: RL
 Prep Batch: 88944 Sample Preparation: 2013-09-11 Prepared By: RL

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|------------|------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 2 | 557 | 557 | <25.4 | mg/L | 100 | 25.4 | 2.5 | 0.254 |

Sample: 341588 - DAD - 12

Laboratory: Lubbock
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104973 Date Analyzed: 2013-09-11 Analyzed By: RL
 Prep Batch: 88944 Sample Preparation: 2013-09-11 Prepared By: RL

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-------------|-------------|---------|-------|----------|--------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 2 | 18.1 | 18.1 | <0.0483 | mg/L | 5 | 0.0483 | 0.04 | 0.00966 |

Sample: 341588 - DAD - 12

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 105139 Date Analyzed: 2013-09-16 Analyzed By: MC
 Prep Batch: 89064 Sample Preparation: 2013-09-16 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-------------|-------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2950 | 2950 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341588 - DAD - 12

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 105368 Date Analyzed: 2013-09-23 Analyzed By: SAS
 Prep Batch: 89234 Sample Preparation: 2013-09-23 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 2.80 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341589 - DAD - 15

Laboratory: Lubbock
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104973 Date Analyzed: 2013-09-11 Analyzed By: RL
 Prep Batch: 88944 Sample Preparation: 2013-09-11 Prepared By: RL

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 2 | 356 | 356 | <12.7 | mg/L | 50 | 12.7 | 2.5 | 0.254 |

Sample: 341589 - DAD - 15

Laboratory: Lubbock
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104973 Date Analyzed: 2013-09-11 Analyzed By: RL
 Prep Batch: 88944 Sample Preparation: 2013-09-11 Prepared By: RL

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|--------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 2 | 7.56 | 7.56 | <0.0483 | mg/L | 5 | 0.0483 | 0.04 | 0.00966 |

Sample: 341589 - DAD - 15

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 105026 Date Analyzed: 2013-09-11 Analyzed By: MC
 Prep Batch: 88982 Sample Preparation: 2013-09-11 Prepared By: MC

continued . . .

sample 341589 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 1740 | 1740 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341589 - DAD - 15

Laboratory: Lubbock
 Analysis: TKN
 QC Batch: 105368
 Prep Batch: 89234

Analytical Method: SM 4500-NH3 B,C
 Date Analyzed: 2013-09-23
 Sample Preparation: 2013-09-23

Prep Method: N/A
 Analyzed By: SAS
 Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 3.50 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 104973
Prep Batch: 88944Date Analyzed: 2013-09-11
QC Preparation: 2013-09-11Analyzed By: RL
Prepared By: RL

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Chloride | | 2 | <0.254 | mg/L | 0.254 |

Method Blank (1)

QC Batch: 104973
Prep Batch: 88944Date Analyzed: 2013-09-11
QC Preparation: 2013-09-11Analyzed By: RL
Prepared By: RL

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|----------|-------|------------------|
| Nitrate-N | | 2 | <0.00966 | mg/L | 0.00966 |

Method Blank (1)

QC Batch: 105026
Prep Batch: 88982Date Analyzed: 2013-09-11
QC Preparation: 2013-09-11Analyzed By: MC
Prepared By: MC

| Parameter | F | C | Result | Units | Reporting Limits |
|------------------------|---|---|--------|-------|------------------|
| Total Dissolved Solids | | 1 | <2.50 | mg/L | 2.5 |

Method Blank (1)

QC Batch: 105139
Prep Batch: 89064Date Analyzed: 2013-09-16
QC Preparation: 2013-09-16Analyzed By: MC
Prepared By: MC

| Parameter | F | C | Result | Units | Reporting Limits |
|------------------------|---|---|--------|-------|------------------|
| Total Dissolved Solids | | 1 | <2.50 | mg/L | 2.5 |

Method Blank (1)

QC Batch: 105368 Date Analyzed: 2013-09-23 Analyzed By: SAS
 Prep Batch: 89234 QC Preparation: 2013-09-23 Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Duplicate (2) Duplicated Sample: 341580

QC Batch: 105026 Date Analyzed: 2013-09-11 Analyzed By: MC
 Prep Batch: 88982 QC Preparation: 2013-09-11 Prepared By: MC

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|------------------|---------------|-------|----------|-----|-----------|
| Total Dissolved Solids | | 1 | 1580 | 1570 | mg/L | 1 | 1 | 10 |

Duplicate (1) Duplicated Sample: 341666

QC Batch: 105139 Date Analyzed: 2013-09-16 Analyzed By: MC
 Prep Batch: 89064 QC Preparation: 2013-09-16 Prepared By: MC

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|------------------|---------------|-------|----------|-----|-----------|
| Total Dissolved Solids | | 1 | 1620 | 1570 | mg/L | 1 | 3 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104973
Prep Batch: 88944

Date Analyzed: 2013-09-11
QC Preparation: 2013-09-11

Analyzed By: RL
Prepared By: RL

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 2 | 24.5 | mg/L | 1 | 25.0 | <0.254 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | | 2 | 24.9 | mg/L | 1 | 25.0 | <0.254 | 100 | 90 - 110 | 2 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104973
Prep Batch: 88944

Date Analyzed: 2013-09-11
QC Preparation: 2013-09-11

Analyzed By: RL
Prepared By: RL

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 2 | 4.99 | mg/L | 1 | 5.00 | <0.00966 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Nitrate-N | | 2 | 4.99 | mg/L | 1 | 5.00 | <0.00966 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105026
Prep Batch: 88982

Date Analyzed: 2013-09-11
QC Preparation: 2013-09-11

Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Dissolved Solids | | 1 | 990 | mg/L | 1 | 1000 | <2.50 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|----------------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| Total Dissolved Solids | | 1 | 998 | mg/L | 1 | 1000 | <2.50 | 100 | 90 - 110 | 1 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105139
 Prep Batch: 89064

Date Analyzed: 2013-09-16
 QC Preparation: 2013-09-16

Analyzed By: MC
 Prepared By: MC

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Dissolved Solids | | 1 | 996 | mg/L | 1 | 1000 | <2.50 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|----------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Total Dissolved Solids | | 1 | 1000 | mg/L | 1 | 1000 | <2.50 | 100 | 90 - 110 | 0 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105368
 Prep Batch: 89234

Date Analyzed: 2013-09-23
 QC Preparation: 2013-09-23

Analyzed By: SAS
 Prepared By: SAS

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 51.1 | mg/L | 1 | 50.0 | <1.66 | 102 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | Rec. | RPD | RPD Limit |
|-----------------------------|---|---|----------------|-------|------|-----------------|------------------|---------------|------------|-----|--------------|
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | <1.66 | 99 | 79.2 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341589

QC Batch: 104973
 Prep Batch: 88944

Date Analyzed: 2013-09-11
 QC Preparation: 2013-09-11

Analyzed By: RL
 Prepared By: RL

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Chloride | | 2 | 1660 | mg/L | 50 | 1250 | 356 | 104 | 80 - 120 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 2 | 1670 | mg/L | 50 | 1250 | 356 | 105 | 80 - 120 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341589

QC Batch: 104973 Date Analyzed: 2013-09-11 Analyzed By: RL
 Prep Batch: 88944 QC Preparation: 2013-09-11 Prepared By: RL

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 2 | 248 | mg/L | 50 | 250 | 6.24 | 97 | 80 - 120 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 2 | 247 | mg/L | 50 | 250 | 6.24 | 96 | 80 - 120 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 342319

QC Batch: 105368 Date Analyzed: 2013-09-23 Analyzed By: SAS
 Prep Batch: 89234 QC Preparation: 2013-09-23 Prepared By: SAS

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 53.9 | mg/L | 1 | 50.0 | 2.1 | 104 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 53.2 | mg/L | 1 | 50.0 | 2.1 | 102 | 58.1 - 115 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 104973

Date Analyzed: 2013-09-11

Analyzed By: RL

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 2 | mg/L | 25.0 | 23.9 | 96 | 90 - 110 | 2013-09-11 |

Standard (CCV-1)

QC Batch: 104973

Date Analyzed: 2013-09-11

Analyzed By: RL

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 2 | mg/L | 5.00 | 4.80 | 96 | 90 - 110 | 2013-09-11 |

Standard (CCV-2)

QC Batch: 104973

Date Analyzed: 2013-09-11

Analyzed By: RL

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 2 | mg/L | 25.0 | 24.1 | 96 | 90 - 110 | 2013-09-11 |

Standard (CCV-2)

QC Batch: 104973

Date Analyzed: 2013-09-11

Analyzed By: RL

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 2 | mg/L | 5.00 | 4.81 | 96 | 90 - 110 | 2013-09-11 |

Standard (ICV-1)

QC Batch: 105368

Date Analyzed: 2013-09-23

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-23 |

Standard (CCV-1)

QC Batch: 105368

Date Analyzed: 2013-09-23

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.76 | 95 | 85 - 115 | 2013-09-23 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike Amount | Pass |
|---------------|-----------------|--------|------------|-----------------------------|-----------------|------|
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.400 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0400 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

13091027

6701 Aberdeen, Ste. 9
Lubbock, TX 79424
Tel (806) 794-1296
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TraceAnalysis, Inc.

155 McCutcheon, Ste. H El
Paso, TX 79932
Tel (915) 585-3443
Fax (915) 585-4944

Page 1 of 1
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
LAB Order ID # 13091027

Company Name: D&H Petroleum & Environmental Services
Phone #: 915-859-8150
Cell #:
Address: (Street, City, Zip) 1221 Tower Trail Ln., El Paso, Texas 79907
Fax #:
E-mail: vayala@dhpump.com

Project #: 422543
Project Name: Various Dairies
Sampler Signature: JNV

Project Location (including state): Various Dairies, Dona Ana County, NM
Invoice to (if different from above): Dona Ana Dairies, PO Box 10, Mesquite, NM, 88048
Linda Armstrong 575-233-3620

| LAB # (LAB USE ONLY) | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | SAMPLING | | | |
|-------------------------|----------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|------|---------|-------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME |
| 34587-1 | DAD-01 | 1 | 250 | X | | | | X | X | X | X | | | 9-10-13 | 10:28 |
| 34587-2 | DAD-01 | 1 | | X | | | | X | X | X | X | | | | 10:28 |
| 588-1 | DAD-12 | 1 | | X | | | | X | X | X | X | | | | 11:43 |
| 588-2 | DAD-12 | 1 | | X | | | | X | X | X | X | | | | 11:43 |
| 589-1 | DAD-15 | 1 | | X | | | | X | X | X | X | | | | 12:08 |
| 589-2 | DAD-15 | 1 | | X | | | | X | X | X | X | | | | 12:08 |
| 34587-3 | EC-TDS-El Paso | 1 | 125 | X | | | | X | X | X | X | | | | |
| 588-3 | mcc 9-10-13 | 1 | | X | | | | X | X | X | X | | | | |
| 589-3 | | 1 | | X | | | | X | X | X | X | | | | |

| Relinquished By: | Date: | Time: | Received By: | Date: | Time: | Lab Use Only |
|------------------|----------|-------|--------------|---------|-------|---------------|
| JNV | 09/10/13 | 3:25 | JNV | 9-10-13 | 15:25 | Lab Use Only |
| JNV | 09/10/13 | 3:25 | JNV | 9-10-13 | 3:25 | Headspace Y/N |
| JNV | 09/10/13 | 3:25 | JNV | 9-10-13 | 3:25 | Temp 12-2 111 |
| JNV | 09/10/13 | 3:25 | JNV | 9-10-13 | 3:25 | Log-in Review |

| ANALYSIS REQUEST | TPH 418.1 / TX1005 | BTEX 8021B/602 | MTBE 8021B/602 | PAH 8270C | PAH 8270 (Low Level Analysis) | Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | Nitrates/Nitrite EPA 353.5 modified | Total Kjeldahl Nitrogen SM 4500 NORG C | Chloride EPA 300.0 | Total Dissolved Solids SM 2540 C MOD | Turn Around Time | Hold |
|------------------|--------------------|----------------|----------------|-----------|-------------------------------|--------------------------------------------------|-------------------------------------|----------------------------------------|--------------------|--------------------------------------|------------------|------|
| | | | | | | | X | X | X | X | | |
| | | | | | | | X | X | X | X | | |
| | | | | | | | X | X | X | X | | |
| | | | | | | | X | X | X | X | | |

Remarks: 1CE
85:48u
33728
Dry Weight Basis Required
TRRP Report Required



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
 200 East Sunset Road, Suite E El Paso, Texas 79922 915-585-3443 FAX 915-585-4944
 5002 Basin Street, Suite A1 Midland, Texas 79703 432-689-6301 FAX 432-689-6313
 (BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972-242-7750
 E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Linda Armstrong
 Dona Ana Dairies

Report Date: October 2, 2013

P.O. Box 10
 Mesquite, NM, 88048

Work Order: 13090545



Project Location: Various Dairies, Dona Ana County, NM
 Project Name: Dona Ana Dairies Consortium
 Project #: DAD

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 341261 | DAD-04 | water | 2013-09-05 | 13:44 | 2013-09-05 |
| 341262 | DAD-05 | water | 2013-09-05 | 11:50 | 2013-09-05 |
| 341263 | DAD-07 | water | 2013-09-05 | 10:52 | 2013-09-05 |
| 341264 | DAD-08 | water | 2013-09-05 | 11:30 | 2013-09-05 |
| 341265 | DAD-10 | water | 2013-09-05 | 08:38 | 2013-09-05 |
| 341266 | DAD-20 | water | 2013-09-05 | 09:55 | 2013-09-05 |
| 341267 | DAD-21 | water | 2013-09-05 | 09:12 | 2013-09-05 |

Notes

- **Work Order 13090545:** TKN to be analyzed at Lubbock. NO3, TDS, Cl to be analyzed at E.P.

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 29 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project Dona Ana Dairies Consortium were received by TraceAnalysis, Inc. on 2013-09-05 and assigned to work order 13090545. Samples for work order 13090545 were received intact at a temperature of 2.0 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|------------|---------------------|----------|---------------------|
| Chloride (IC) | E 300.0 | 89063 | 2013-09-05 at 19:21 | 105140 | 2013-09-05 at 19:21 |
| Chloride (IC) | E 300.0 | 89075 | 2013-09-05 at 23:33 | 105592 | 2013-09-05 at 23:33 |
| Chloride (IC) | E 300.0 | 89429 | 2013-09-06 at 03:45 | 105593 | 2013-09-06 at 03:45 |
| NO3 (IC) | E 300.0 | 89063 | 2013-09-05 at 19:21 | 105140 | 2013-09-05 at 19:21 |
| NO3 (IC) | E 300.0 | 89075 | 2013-09-05 at 23:33 | 105592 | 2013-09-05 at 23:33 |
| NO3 (IC) | E 300.0 | 89429 | 2013-09-06 at 03:45 | 105593 | 2013-09-06 at 03:45 |
| TDS | SM 2540C | 88878 | 2013-09-09 at 16:30 | 104887 | 2013-09-09 at 16:30 |
| TKN | SM 4500-NH3 B,C | 89076 | 2013-09-17 at 11:00 | 105159 | 2013-09-17 at 15:30 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13090545 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 341261 - DAD-04

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105140 Date Analyzed: 2013-09-05 Analyzed By: DDH
 Prep Batch: 89063 Sample Preparation: 2013-09-05 Prepared By: DDH

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|------------|------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 544 | 544 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 341261 - DAD-04

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105140 Date Analyzed: 2013-09-05 Analyzed By: DDH
 Prep Batch: 89063 Sample Preparation: 2013-09-05 Prepared By: DDH

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|------|---|--------------|-------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | J,Qs | 1 | 0.872 | <2.50 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 341261 - DAD-04

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104887 Date Analyzed: 2013-09-09 Analyzed By: MC
 Prep Batch: 88878 Sample Preparation: 2013-09-09 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-------------|-------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2710 | 2710 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341261 - DAD-04

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 105159 Date Analyzed: 2013-09-17 Analyzed By: SAS
 Prep Batch: 89076 Sample Preparation: 2013-09-17 Prepared By: SAS

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 9.10 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341262 - DAD-05

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105140 Date Analyzed: 2013-09-05 Analyzed By: DDH
 Prep Batch: 89063 Sample Preparation: 2013-09-05 Prepared By: DDH

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|--------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 120 | 120 | <0.0975 | mg/L | 5 | 0.0975 | 2.5 | 0.0195 |

Sample: 341262 - DAD-05

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105140 Date Analyzed: 2013-09-05 Analyzed By: DDH
 Prep Batch: 89063 Sample Preparation: 2013-09-05 Prepared By: DDH

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|-------|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | J, Qs | 1 | 2.16 | <2.50 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 341262 - DAD-05

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104887 Date Analyzed: 2013-09-09 Analyzed By: MC
 Prep Batch: 88878 Sample Preparation: 2013-09-09 Prepared By: MC

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 870 | 870 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341262 - DAD-05

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 105159 Date Analyzed: 2013-09-17 Analyzed By: SAS
 Prep Batch: 89076 Sample Preparation: 2013-09-17 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 4.90 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341263 - DAD-07

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105592 Date Analyzed: 2013-09-05 Analyzed By: JR
 Prep Batch: 89075 Sample Preparation: 2013-09-05 Prepared By: DDH

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|----|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | Qs | 1 | 650 | 650 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 341263 - DAD-07

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105592 Date Analyzed: 2013-09-05 Analyzed By: JR
 Prep Batch: 89075 Sample Preparation: 2013-09-05 Prepared By: DDH

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|----|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | Qs | 1 | 7.01 | 7.01 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 341263 - DAD-07

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104887 Date Analyzed: 2013-09-09 Analyzed By: MC
 Prep Batch: 88878 Sample Preparation: 2013-09-09 Prepared By: MC

continued . . .

sample 341263 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 2380 | 2380 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341263 - DAD-07

Laboratory: Lubbock

Analysis: TKN

QC Batch: 105159

Prep Batch: 89076

Analytical Method: SM 4500-NH3 B,C

Date Analyzed: 2013-09-17

Sample Preparation: 2013-09-17

Prep Method: N/A

Analyzed By: SAS

Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 3.50 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341264 - DAD-08

Laboratory: El Paso

Analysis: Chloride (IC)

QC Batch: 105592

Prep Batch: 89075

Analytical Method: E 300.0

Date Analyzed: 2013-09-05

Sample Preparation: 2013-09-05

Prep Method: N/A

Analyzed By: JR

Prepared By: DDH

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|----|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Chloride | Qs | 1 | 2440 | 2440 | <1.95 | mg/L | 100 | 1.95 | 2.5 | 0.0195 |

Sample: 341264 - DAD-08

Laboratory: El Paso

Analysis: NO3 (IC)

QC Batch: 105592

Prep Batch: 89075

Analytical Method: E 300.0

Date Analyzed: 2013-09-05

Sample Preparation: 2013-09-05

Prep Method: N/A

Analyzed By: JR

Prepared By: DDH

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|----|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Nitrate-N | Qs | 1 | 74.9 | 74.9 | <0.327 | mg/L | 10 | 0.327 | 0.5 | 0.0327 |

Sample: 341264 - DAD-08

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104887 Date Analyzed: 2013-09-09 Analyzed By: MC
 Prep Batch: 88878 Sample Preparation: 2013-09-09 Prepared By: MC

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 7440 | 7440 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341264 - DAD-08

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 105159 Date Analyzed: 2013-09-17 Analyzed By: SAS
 Prep Batch: 89076 Sample Preparation: 2013-09-17 Prepared By: SAS

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 2.80 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341265 - DAD-10

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105592 Date Analyzed: 2013-09-05 Analyzed By: JR
 Prep Batch: 89075 Sample Preparation: 2013-09-05 Prepared By: DDH

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|----|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | Qs | 1 | 451 | 451 | <0.195 | mg/L | 10 | 0.195 | 2.5 | 0.0195 |

Sample: 341265 - DAD-10

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105592 Date Analyzed: 2013-09-05 Analyzed By: JR
 Prep Batch: 89075 Sample Preparation: 2013-09-05 Prepared By: DDH

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|----|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | Qs | 1 | 6.01 | 6.01 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 341265 - DAD-10

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104887 Date Analyzed: 2013-09-09 Analyzed By: MC
 Prep Batch: 88878 Sample Preparation: 2013-09-09 Prepared By: MC

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 1480 | 1480 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341265 - DAD-10

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 105159 Date Analyzed: 2013-09-17 Analyzed By: SAS
 Prep Batch: 89076 Sample Preparation: 2013-09-17 Prepared By: SAS

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 3.50 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341266 - DAD-20

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105593 Date Analyzed: 2013-09-06 Analyzed By: JR
 Prep Batch: 89429 Sample Preparation: 2013-09-06 Prepared By: JR

continued ...

sample 341266 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 808 | 808 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 341266 - DAD-20

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105593 Date Analyzed: 2013-09-06 Analyzed By: JR
 Prep Batch: 89429 Sample Preparation: 2013-09-06 Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Nitrate-N | | 1 | 19.2 | 19.2 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 341266 - DAD-20

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104887 Date Analyzed: 2013-09-09 Analyzed By: MC
 Prep Batch: 88878 Sample Preparation: 2013-09-09 Prepared By: MC

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 2870 | 2870 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341266 - DAD-20

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 105159 Date Analyzed: 2013-09-17 Analyzed By: SAS
 Prep Batch: 89076 Sample Preparation: 2013-09-17 Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 5.60 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341267 - DAD-21

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105593 Date Analyzed: 2013-09-06 Analyzed By: JR
 Prep Batch: 89429 Sample Preparation: 2013-09-06 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 583 | 583 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 341267 - DAD-21

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105593 Date Analyzed: 2013-09-06 Analyzed By: JR
 Prep Batch: 89429 Sample Preparation: 2013-09-06 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 12.0 | 12.0 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 341267 - DAD-21

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104887 Date Analyzed: 2013-09-09 Analyzed By: MC
 Prep Batch: 88878 Sample Preparation: 2013-09-09 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 1990 | 1990 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341267 - DAD-21

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 105159 Date Analyzed: 2013-09-17 Analyzed By: SAS
 Prep Batch: 89076 Sample Preparation: 2013-09-17 Prepared By: SAS

continued ...

sample 341267 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-----|---------------------|---------------------|
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-----|---------------------|---------------------|

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 4.20 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 104887
Prep Batch: 88878Date Analyzed: 2013-09-09
QC Preparation: 2013-09-09Analyzed By: MC
Prepared By: MC

| Parameter | F | C | Result | Units | Reporting Limits |
|------------------------|---|---|--------|-------|------------------|
| Total Dissolved Solids | | 1 | <2.50 | mg/L | 2.5 |

Method Blank (1)

QC Batch: 105140
Prep Batch: 89063Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05Analyzed By: DDH
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Chloride | | 1 | 1.28 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 105140
Prep Batch: 89063Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05Analyzed By: DDH
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Nitrate-N | | 1 | 0.221 | mg/L | 0.0327 |

Method Blank (1)

QC Batch: 105159
Prep Batch: 89076Date Analyzed: 2013-09-17
QC Preparation: 2013-09-17Analyzed By: SAS
Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Method Blank (1)QC Batch: 105592
Prep Batch: 89075Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)QC Batch: 105592
Prep Batch: 89075Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)QC Batch: 105593
Prep Batch: 89429Date Analyzed: 2013-09-06
QC Preparation: 2013-09-06Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)QC Batch: 105593
Prep Batch: 89429Date Analyzed: 2013-09-06
QC Preparation: 2013-09-06Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Duplicate (1) Duplicated Sample: 341486

QC Batch: 104887
 Prep Batch: 88878

Date Analyzed: 2013-09-09
 QC Preparation: 2013-09-09

Analyzed By: MC
 Prepared By: MC

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|------------------|---------------|-------|----------|-----|-----------|
| Total Dissolved Solids | | 1 | 550 | 575 | mg/L | 1 | 4 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104887
Prep Batch: 88878Date Analyzed: 2013-09-09
QC Preparation: 2013-09-09Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Dissolved Solids | | 1 | 992 | mg/L | 1 | 1000 | <2.50 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Total Dissolved Solids | | 1 | 1000 | mg/L | 1 | 1000 | <2.50 | 100 | 90 - 110 | 1 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105140
Prep Batch: 89063Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05Analyzed By: DDH
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 24.1 | mg/L | 1 | 25.0 | <0.0195 | 96 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | | 1 | 24.1 | mg/L | 1 | 25.0 | <0.0195 | 96 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105140
Prep Batch: 89063Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05Analyzed By: DDH
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 4.66 | mg/L | 1 | 5.00 | <0.0327 | 93 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 4.66 | mg/L | 1 | 5.00 | <0.0327 | 93 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105159
Prep Batch: 89076

Date Analyzed: 2013-09-17
QC Preparation: 2013-09-17

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 49.0 | mg/L | 1 | 50.0 | <1.66 | 98 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 50.4 | mg/L | 1 | 50.0 | <1.66 | 101 | 79.2 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105592
Prep Batch: 89075

Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 24.1 | mg/L | 1 | 25.0 | <0.0195 | 96 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 24.7 | mg/L | 1 | 25.0 | <0.0195 | 99 | 90 - 110 | 2 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105592
Prep Batch: 89075

Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 4.65 | mg/L | 1 | 5.00 | <0.0327 | 93 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|----------------|-------|------|-----------------|------------------|---------------|----------|--------------|
| Nitrate-N | | 1 | 4.67 | mg/L | 1 | 5.00 | <0.0327 | 93 | 90 - 110 | 0 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105593
 Prep Batch: 89429

Date Analyzed: 2013-09-06
 QC Preparation: 2013-09-06

Analyzed By: JR
 Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 24.2 | mg/L | 1 | 25.0 | <0.0195 | 97 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit |
|----------|---|---|----------------|-------|------|-----------------|------------------|---------------|----------|--------------|
| Chloride | | 1 | 24.1 | mg/L | 1 | 25.0 | <0.0195 | 96 | 90 - 110 | 0 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105593
 Prep Batch: 89429

Date Analyzed: 2013-09-06
 QC Preparation: 2013-09-06

Analyzed By: JR
 Prepared By: JR

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 4.68 | mg/L | 1 | 5.00 | <0.0327 | 94 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|----------------|-------|------|-----------------|------------------|---------------|----------|--------------|
| Nitrate-N | | 1 | 4.66 | mg/L | 1 | 5.00 | <0.0327 | 93 | 90 - 110 | 0 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341262QC Batch: 105140
Prep Batch: 89063Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05Analyzed By: DDH
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 1590 | mg/L | 55.6 | 1390 | 156 | 103 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | | 1 | 1450 | mg/L | 55.6 | 1390 | 156 | 93 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341262QC Batch: 105140
Prep Batch: 89063Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05Analyzed By: DDH
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 283 | mg/L | 55.6 | 278 | 9.27 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|----|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Nitrate-N | qs | 1 | 257 | mg/L | 55.6 | 278 | 9.27 | 89 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341031QC Batch: 105159
Prep Batch: 89076Date Analyzed: 2013-09-17
QC Preparation: 2013-09-17Analyzed By: SAS
Prepared By: SAS

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 48.3 | mg/L | 1 | 50.0 | 3.5 | 90 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | 3.5 | 92 | 58.1 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341265

QC Batch: 105592
Prep Batch: 89075

Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|----|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | Qs | 1 | 2100 | mg/L | 55.6 | 1390 | 451 | 119 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|----|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | Qs | 1 | 2070 | mg/L | 55.6 | 1390 | 451 | 116 | 90 - 110 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341265

QC Batch: 105592
Prep Batch: 89075

Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|----|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | Qs | 1 | 319 | mg/L | 55.6 | 278 | 6.01 | 112 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|----|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Nitrate-N | Qs | 1 | 314 | mg/L | 55.6 | 278 | 6.01 | 111 | 90 - 110 | 2 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341267

QC Batch: 105593
Prep Batch: 89429

Date Analyzed: 2013-09-06
QC Preparation: 2013-09-06

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 2020 | mg/L | 55.6 | 1390 | 583 | 103 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 2020 | mg/L | 55.6 | 1390 | 583 | 103 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341267

QC Batch: 105593
 Prep Batch: 89429

Date Analyzed: 2013-09-06
 QC Preparation: 2013-09-06

Analyzed By: JR
 Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 1 | 271 | mg/L | 55.6 | 278 | 12 | 93 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 271 | mg/L | 55.6 | 278 | 12 | 93 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 105140

Date Analyzed: 2013-09-05

Analyzed By: DDH

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.0 | 96 | 90 - 110 | 2013-09-05 |

Standard (CCV-1)

QC Batch: 105140

Date Analyzed: 2013-09-05

Analyzed By: DDH

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.61 | 92 | 90 - 110 | 2013-09-05 |

Standard (CCV-2)

QC Batch: 105140

Date Analyzed: 2013-09-05

Analyzed By: DDH

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.0 | 96 | 90 - 110 | 2013-09-05 |

Standard (CCV-2)

QC Batch: 105140

Date Analyzed: 2013-09-05

Analyzed By: DDH

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.63 | 93 | 90 - 110 | 2013-09-05 |

Standard (ICV-1)

QC Batch: 105159

Date Analyzed: 2013-09-17

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-17 |

Standard (CCV-1)

QC Batch: 105159

Date Analyzed: 2013-09-17

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-17 |

Standard (CCV-1)

QC Batch: 105592

Date Analyzed: 2013-09-05

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.0 | 96 | 90 - 110 | 2013-09-05 |

Standard (CCV-1)

QC Batch: 105592

Date Analyzed: 2013-09-05

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.63 | 93 | 90 - 110 | 2013-09-05 |

Standard (CCV-2)

QC Batch: 105592

Date Analyzed: 2013-09-05

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.0 | 96 | 90 - 110 | 2013-09-05 |

Standard (CCV-2)

QC Batch: 105592

Date Analyzed: 2013-09-05

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.63 | 93 | 90 - 110 | 2013-09-05 |

Standard (CCV-1)

QC Batch: 105593

Date Analyzed: 2013-09-06

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.0 | 96 | 90 - 110 | 2013-09-06 |

Standard (CCV-1)

QC Batch: 105593

Date Analyzed: 2013-09-06

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.63 | 93 | 90 - 110 | 2013-09-06 |

Standard (CCV-2)

QC Batch: 105593

Date Analyzed: 2013-09-06

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.0 | 96 | 90 - 110 | 2013-09-06 |

Standard (CCV-2)

QC Batch: 105593

Date Analyzed: 2013-09-06

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.64 | 93 | 90 - 110 | 2013-09-06 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike | |
|---------------|-----------------|--------|------------|-----------------------------|--------|------|
| | | | | | Amount | Pass |
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.0500 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0833 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

Company Name: D&H Petroleum & Environmental Services
Address: (Street, City, Zip) 1221 Tower Trail Ln., El Paso, Texas 79907
Contact Person: Victor Ayala
Phone #: 915-859-8150
Cell #:
Fax #:
E-mail: vayala@dhpump.com

Project #: 422543
Project Name: Dona Ana Dairies Consortium
Sampler Signature: *JAY*
Project Location (including state): Various Dairies, Dona Anna County, NM

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | Sampling | | | | |
|---------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|------|------|--------|-------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME | |
| 34221-1 | DAP-04 | 1 | 250 | X | | | | X | | | | X | | | 9/5/13 | 8:44 |
| 42-1 | DA0-04 | 1 | | X | | | | X | | | | X | | | | 13:44 |
| 42-1 | DA0-05 | 1 | | X | | | | X | | | | X | | | | 11:50 |
| 43-1 | DA0-05 | 1 | | X | | | | X | | | | X | | | | 11:50 |
| 43-1 | DA0-07 | 1 | | X | | | | X | | | | X | | | | 10:52 |
| 44-1 | DA0-07 | 1 | | X | | | | X | | | | X | | | | 10:52 |
| 44-1 | DA0-08 | 1 | | X | | | | X | | | | X | | | | 11:30 |
| 45-1 | DA0-08 | 1 | | X | | | | X | | | | X | | | | 11:30 |
| 46-1 | DA0-10 | 1 | | X | | | | X | | | | X | | | | 8:38 |
| 47-1 | DA0-10 | 1 | | X | | | | X | | | | X | | | | 8:38 |
| 48-1 | DA0-20 | 1 | | X | | | | X | | | | X | | | | 9:55 |
| 49-1 | DA0-20 | 1 | | X | | | | X | | | | X | | | | 9:55 |
| 50-1 | DA0-21 | 1 | | X | | | | X | | | | X | | | | 9:12 |
| 51-1 | DA0-21 | 1 | | X | | | | X | | | | X | | | | 9:12 |

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | Sampling | | Turn Around Time | Hold | |
|--------------------------------------------------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|------|------------------|------|------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | | | DATE |
| MTBE 8021B/602 | | | | | | | | | | | | | | | | |
| BTEX 8021B/602 | | | | | | | | | | | | | | | | |
| TPH 418.1 / TX1005 | | | | | | | | | | | | | | | | |
| TX 1005 Extended (C35) | | | | | | | | | | | | | | | | |
| PAH 8270C | | | | | | | | | | | | | | | | |
| PAH 8270 (Low Level Analysis) | | | | | | | | | | | | | | | | |
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | | | | | | | | | | | | | | | | |
| Nitrates/Nitrite EPA 353.5 modified | | | | | | | | | | | | | | | | |
| Total Kjeldhal Nitrogen SM 4500 NORG C | | | | | | | | | | | | | | | | |
| Chloride EPA 300.0 | | | | | | | | | | | | | | | | |
| Total Dissolved Solids SM 2540 C MOD | | | | | | | | | | | | | | | | |

Relinquished By: *JAV* Date: 09/05/13 Time: 3:00
 Relinquished By: *Danny dH- T.A.* Date: 9-5-13 15:10
 Received at Laboratory By: *[Signature]* Date: 9/6/13 9:00
 Received By: *[Signature]* Date: 9-5-13 15:10
 Lab Use Only
 Intact / N
 Headspace / N
 Temp *18.2 28.2*
 Log-in Review *[Signature]*
 Remarks: *NO3, CI, TOS & E.P. ICE TRNG Lubbock*
 Dry Weight Basis Required
 TRRP Report Required *14*



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
 200 East Sunset Road, Suite E El Paso, Texas 79922 915-585-3443 FAX 915-585-4944
 5002 Basin Street, Suite A1 Midland, Texas 79703 432-689-6301 FAX 432-689-6313
 (BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972-242-7750
 E-Mail: lab@traceanalysis.com WEB: www.traceanalysis.com

Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Edward DeRuyter
 Sunset Dairy
 17900 Stern Drive
 P.O. Box 10
 Mesquite, NM, 88048

Report Date: October 2, 2013

Work Order: 13082840



DP: 257
 Project Location: 17900 S. Stern Dr., Mesquite, NM
 Project Name: Sunset Dairy

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 340370 | 257-01 | water | 2013-08-28 | 13:45 | 2013-08-28 |
| 340371 | 257-02 | water | 2013-08-28 | 13:09 | 2013-08-28 |
| 340372 | 257-03 | water | 2013-08-28 | 11:58 | 2013-08-28 |
| 340373 | 257/260-01 | water | 2013-08-28 | 11:23 | 2013-08-28 |
| 340374 | 257-Lagoon | water | 2013-08-28 | 14:09 | 2013-08-28 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 24 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project Sunset Dairy were received by TraceAnalysis, Inc. on 2013-08-28 and assigned to work order 13082840. Samples for work order 13082840 were received intact at a temperature of 4.0 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|------------|---------------------|----------|---------------------|
| Chloride (IC) | E 300.0 | 89427 | 2013-08-28 at 19:20 | 105590 | 2013-09-28 at 19:20 |
| Chloride (IC) | E 300.0 | 89428 | 2013-08-28 at 23:25 | 105591 | 2013-08-28 at 23:25 |
| NO3 (IC) | E 300.0 | 89427 | 2013-08-28 at 19:20 | 105590 | 2013-09-28 at 19:20 |
| NO3 (IC) | E 300.0 | 89428 | 2013-08-28 at 23:25 | 105591 | 2013-08-28 at 23:25 |
| TDS | SM 2540C | 88669 | 2013-09-02 at 08:00 | 104656 | 2013-09-02 at 08:00 |
| TKN | SM 4500-NH3 B,C | 88854 | 2013-09-09 at 12:00 | 104866 | 2013-09-09 at 18:00 |
| TKN | SM 4500-NH3 B,C | 88861 | 2013-09-09 at 12:00 | 104873 | 2013-09-09 at 18:00 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13082840 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 340370 - 257-01

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105590 Date Analyzed: 2013-09-28 Analyzed By: JR
 Prep Batch: 89427 Sample Preparation: 2013-08-28 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 719 | 719 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340370 - 257-01

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105590 Date Analyzed: 2013-09-28 Analyzed By: JR
 Prep Batch: 89427 Sample Preparation: 2013-08-28 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 44.4 | 44.4 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 340370 - 257-01

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104656 Date Analyzed: 2013-09-02 Analyzed By: MC
 Prep Batch: 88669 Sample Preparation: Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 3160 | 3160 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340370 - 257-01

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104866 Date Analyzed: 2013-09-09 Analyzed By: SAS
 Prep Batch: 88854 Sample Preparation: 2013-09-09 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 5.60 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 340371 - 257-02

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105590 Date Analyzed: 2013-09-28 Analyzed By: JR
 Prep Batch: 89427 Sample Preparation: 2013-08-28 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 511 | 511 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340371 - 257-02

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105590 Date Analyzed: 2013-09-28 Analyzed By: JR
 Prep Batch: 89427 Sample Preparation: 2013-08-28 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 7.59 | 7.59 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 340371 - 257-02

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104656 Date Analyzed: 2013-09-02 Analyzed By: MC
 Prep Batch: 88669 Sample Preparation: Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2200 | 2200 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340371 - 257-02

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104873 Date Analyzed: 2013-09-09 Analyzed By: SAS
 Prep Batch: 88861 Sample Preparation: 2013-09-09 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 8.40 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 340372 - 257-03

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105590 Date Analyzed: 2013-09-28 Analyzed By: JR
 Prep Batch: 89427 Sample Preparation: 2013-08-28 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 569 | 569 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340372 - 257-03

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105590 Date Analyzed: 2013-09-28 Analyzed By: JR
 Prep Batch: 89427 Sample Preparation: 2013-08-28 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 4.55 | 4.55 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 340372 - 257-03

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104656 Date Analyzed: 2013-09-02 Analyzed By: MC
 Prep Batch: 88669 Sample Preparation: Prepared By: MC

continued . . .

sample 340372 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 2360 | 2360 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340372 - 257-03

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104873 Date Analyzed: 2013-09-09 Analyzed By: SAS
 Prep Batch: 88861 Sample Preparation: 2013-09-09 Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 4.90 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 340373 - 257/260-01

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105591 Date Analyzed: 2013-08-28 Analyzed By: JR
 Prep Batch: 89428 Sample Preparation: 2013-08-28 Prepared By: JR

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 624 | 624 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340373 - 257/260-01

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105591 Date Analyzed: 2013-08-28 Analyzed By: JR
 Prep Batch: 89428 Sample Preparation: 2013-08-28 Prepared By: JR

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Nitrate-N | | 1 | 2.81 | 2.81 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 340373 - 257/260-01

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104656 Date Analyzed: 2013-09-02 Analyzed By: MC
 Prep Batch: 88669 Sample Preparation: Prepared By: MC

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 2460 | 2460 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340373 - 257/260-01

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104873 Date Analyzed: 2013-09-09 Analyzed By: SAS
 Prep Batch: 88861 Sample Preparation: 2013-09-09 Prepared By: SAS

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 7.70 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 340374 - 257-Lagoon

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105591 Date Analyzed: 2013-08-28 Analyzed By: JR
 Prep Batch: 89428 Sample Preparation: 2013-08-28 Prepared By: JR

| Parameter | F | C | SDL Based Result | MQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|-------|---------------------|---------------------|
| Chloride | | 1 | 1040 | 1040 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 340374 - 257-Lagoon

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 105591 Date Analyzed: 2013-08-28 Analyzed By: JR
 Prep Batch: 89428 Sample Preparation: 2013-08-28 Prepared By: JR

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 3.04 | 3.04 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 340374 - 257-Lagoon

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104656 Date Analyzed: 2013-09-02 Analyzed By: MC
 Prep Batch: 88669 Sample Preparation: Prepared By: MC

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 4900 | 4900 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 340374 - 257-Lagoon

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104873 Date Analyzed: 2013-09-09 Analyzed By: SAS
 Prep Batch: 88861 Sample Preparation: 2013-09-09 Prepared By: SAS

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | | 2 | 238 | 238 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 104656
Prep Batch: 88669Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02Analyzed By: MC
Prepared By: MC

| Parameter | F | C | Result | Units | Reporting Limits |
|------------------------|---|---|--------|-------|------------------|
| Total Dissolved Solids | | 1 | <2.50 | mg/L | 2.5 |

Method Blank (1)

QC Batch: 104866
Prep Batch: 88854Date Analyzed: 2013-09-09
QC Preparation: 2013-09-09Analyzed By: SAS
Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Method Blank (1)

QC Batch: 104873
Prep Batch: 88861Date Analyzed: 2013-09-09
QC Preparation: 2013-09-09Analyzed By: SAS
Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Method Blank (1)

QC Batch: 105590
Prep Batch: 89427Date Analyzed: 2013-09-28
QC Preparation: 2013-08-28Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Chloride | | 1 | 1.39 | mg/L | 0.0195 |

Method Blank (1)QC Batch: 105590
Prep Batch: 89427Date Analyzed: 2013-09-28
QC Preparation: 2013-08-28Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)QC Batch: 105591
Prep Batch: 89428Date Analyzed: 2013-08-28
QC Preparation: 2013-08-28Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Chloride | | 1 | 1.32 | mg/L | 0.0195 |

Method Blank (1)QC Batch: 105591
Prep Batch: 89428Date Analyzed: 2013-08-28
QC Preparation: 2013-08-28Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Duplicate (1) Duplicated Sample: 340370QC Batch: 104656
Prep Batch: 88669Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02Analyzed By: MC
Prepared By: MC

Report Date: October 2, 2013

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| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|---------------------|------------------|-------|----------|-----|--------------|
| Total Dissolved Solids | | 1 | 2860 | 3160 | mg/L | 1 | 10 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104656
Prep Batch: 88669Date Analyzed: 2013-09-02
QC Preparation: 2013-09-02Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Dissolved Solids | | 1 | 994 | mg/L | 1 | 1000 | <2.50 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Total Dissolved Solids | | 1 | 982 | mg/L | 1 | 1000 | <2.50 | 98 | 90 - 110 | 1 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104866
Prep Batch: 88854Date Analyzed: 2013-09-09
QC Preparation: 2013-09-09Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | <1.66 | 99 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Total Kjeldahl Nitrogen - N | | 2 | 49.0 | mg/L | 1 | 50.0 | <1.66 | 98 | 79.2 - 115 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104873
Prep Batch: 88861Date Analyzed: 2013-09-09
QC Preparation: 2013-09-09Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 51.1 | mg/L | 1 | 50.0 | <1.66 | 102 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 50.4 | mg/L | 1 | 50.0 | <1.66 | 101 | 79.2 - 115 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105590
Prep Batch: 89427

Date Analyzed: 2013-09-28
QC Preparation: 2013-08-28

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 24.9 | mg/L | 1 | 25.0 | <0.0195 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 24.8 | mg/L | 1 | 25.0 | <0.0195 | 99 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105590
Prep Batch: 89427

Date Analyzed: 2013-09-28
QC Preparation: 2013-08-28

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 1 | 5.05 | mg/L | 1 | 5.00 | <0.0327 | 101 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 5.05 | mg/L | 1 | 5.00 | <0.0327 | 101 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105591
Prep Batch: 89428

Date Analyzed: 2013-08-28
QC Preparation: 2013-08-28

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 25.0 | mg/L | 1 | 25.0 | <0.0195 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 24.9 | mg/L | 1 | 25.0 | <0.0195 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105591
Prep Batch: 89428

Date Analyzed: 2013-08-28
QC Preparation: 2013-08-28

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 1 | 5.08 | mg/L | 1 | 5.00 | <0.0327 | 102 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 5.06 | mg/L | 1 | 5.00 | <0.0327 | 101 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340370

QC Batch: 104866
Prep Batch: 88854

Date Analyzed: 2013-09-09
QC Preparation: 2013-09-09

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 38.5 | mg/L | 1 | 50.0 | 5.6 | 66 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 39.2 | mg/L | 1 | 50.0 | 5.6 | 67 | 58.1 - 115 | 2 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340502QC Batch: 104873
Prep Batch: 88861Date Analyzed: 2013-09-09
QC Preparation: 2013-09-09Analyzed By: SAS
Prepared By: SAS

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 51.8 | mg/L | 1 | 50.0 | 3.5 | 97 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 52.5 | mg/L | 1 | 50.0 | 3.5 | 98 | 58.1 - 115 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340371QC Batch: 105590
Prep Batch: 89427Date Analyzed: 2013-09-28
QC Preparation: 2013-08-28Analyzed By: JR
Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 1970 | mg/L | 55.6 | 1390 | 511 | 105 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 1960 | mg/L | 55.6 | 1390 | 511 | 104 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340371QC Batch: 105590
Prep Batch: 89427Date Analyzed: 2013-09-28
QC Preparation: 2013-08-28Analyzed By: JR
Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 1 | 291 | mg/L | 55.6 | 278 | 7.59 | 102 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 290 | mg/L | 55.6 | 278 | 7.59 | 102 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340373

QC Batch: 105591
Prep Batch: 89428

Date Analyzed: 2013-08-28
QC Preparation: 2013-08-28

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|-----------|-------|------|--------------|---------------|------|------------|
| Chloride | | 1 | 2110 | mg/L | 55.6 | 1390 | 624 | 107 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|------------|-------|------|--------------|---------------|------|------------|-----|-----------|
| Chloride | | 1 | 2110 | mg/L | 55.6 | 1390 | 624 | 107 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 340373

QC Batch: 105591
Prep Batch: 89428

Date Analyzed: 2013-08-28
QC Preparation: 2013-08-28

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|-----------|-------|------|--------------|---------------|------|------------|
| Nitrate-N | | 1 | 281 | mg/L | 55.6 | 278 | 2.81 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|------------|-------|------|--------------|---------------|------|------------|-----|-----------|
| Nitrate-N | | 1 | 282 | mg/L | 55.6 | 278 | 2.81 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (ICV-1)

QC Batch: 104866

Date Analyzed: 2013-09-09

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.62 | 92 | 85 - 115 | 2013-09-09 |

Standard (CCV-1)

QC Batch: 104866

Date Analyzed: 2013-09-09

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.76 | 95 | 85 - 115 | 2013-09-09 |

Standard (ICV-1)

QC Batch: 104873

Date Analyzed: 2013-09-09

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-09 |

Standard (CCV-1)

QC Batch: 104873

Date Analyzed: 2013-09-09

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.76 | 95 | 85 - 115 | 2013-09-09 |

Standard (CCV-1)

QC Batch: 105590

Date Analyzed: 2013-09-28

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.7 | 99 | 90 - 110 | 2013-09-28 |

Standard (CCV-1)

QC Batch: 105590

Date Analyzed: 2013-09-28

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.99 | 100 | 90 - 110 | 2013-09-28 |

Standard (CCV-2)

QC Batch: 105590

Date Analyzed: 2013-09-28

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.9 | 100 | 90 - 110 | 2013-09-28 |

Standard (CCV-2)

QC Batch: 105590

Date Analyzed: 2013-09-28

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.05 | 101 | 90 - 110 | 2013-09-28 |

Standard (CCV-1)

QC Batch: 105591

Date Analyzed: 2013-08-28

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.9 | 100 | 90 - 110 | 2013-08-28 |

Standard (CCV-1)

QC Batch: 105591

Date Analyzed: 2013-08-28

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.05 | 101 | 90 - 110 | 2013-08-28 |

Standard (CCV-2)

QC Batch: 105591

Date Analyzed: 2013-08-28

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 25.0 | 100 | 90 - 110 | 2013-08-28 |

Standard (CCV-2)

QC Batch: 105591

Date Analyzed: 2013-08-28

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.08 | 102 | 90 - 110 | 2013-08-28 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike | |
|---------------|-----------------|--------|------------|-----------------------------|--------|------|
| | | | | | Amount | Pass |
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.0500 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0833 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.


13082840

6707 Aberdeen, Ste. 9
Lubbock TX 79424
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TraceAnalysis, Inc.

Company Name: D&H Petroleum & Environmental Services
Address: (Street, City, Zip)
1221 Tower Trail Ln, El Paso TX 79907
Contact Person: Victor Ayala
Phone #: 915-859-8150
Cell #: 915-859-8150
Fax #: 915-859-8150
E-mail: vajala@dhpump.com

Project #: 422549
Project Name: Ed DeRuyter 575-233-2029
Sunset Dairy
Project Location (including state): Sunset Dairy, PO Box 10, Mesquite, NM 88048
Sunset Dairy, 1790

Sampler Signature: 

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | Sampling | |
|----------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|----------|------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE |
| 340370-1 | 257-01 | 1 | 250ml | X | | | | X | X | X | X | 8-28-13 | 1345 |
| 1-2 | 257-01 | 1 | | X | | | | X | X | X | X | 8-28-13 | 1345 |
| 71-1 | 257-02 | 1 | | X | | | | X | X | X | X | 8-28-13 | 1309 |
| 71-2 | 257-02 | 1 | | X | | | | X | X | X | X | 8-28-13 | 1309 |
| 72-1 | 257-03 | 1 | | X | | | | X | X | X | X | 8-28-13 | 1158 |
| 1-2 | 257-03 | 1 | | X | | | | X | X | X | X | 8-28-13 | 1158 |
| 73-1 | 257/260-01 | 1 | | X | | | | X | X | X | X | 8-28-13 | 1123 |
| 1-2 | 257/260-01 | 1 | | X | | | | X | X | X | X | 8-28-13 | 1123 |
| 74-1 | 257 Lagoon | 1 | | X | | | | X | X | X | X | 8-28-13 | 1409 |
| 1-2 | 257 Lagoon | 1 | | X | | | | X | X | X | X | 8-28-13 | 1409 |

| Relinquished By: | Date: | Time: | Received By: | Date: | Time: |
|---------------------------------------------------------------------------------------|---------|-------|----------------------------|---------|-------|
|  | 8/28/13 | 15:05 | Danny de Haan | 8-28-13 | 15:05 |
| Relinquished By: | Date: | Time: | Received at Laboratory By: | Date: | Time: |
| Danny de Haan | 8-28-13 | 16:30 | TA | 8/29/13 | 9:00 |

Page 1 of 1
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
LAB Order ID # 13082840

| ANALYSIS REQUEST | MTBE 8021B/602 | BTEX 8021B/602 | TPH 418.1 / TX1005 | TX 1005 Extended (C35) | PAH 8270C | PAH 8270 (Low Level Analysis) | Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 | Nitrates EPA 300 | TKN SM 4500 NORG C | Chloride EPA 300 | Total Dissolved Solids SM 2540 C MOD | Turn Around Time | Hold |
|------------------|----------------|----------------|--------------------|------------------------|-----------|-------------------------------|--------------------------------------------------|------------------|--------------------|------------------|--------------------------------------|------------------|------|
| | | | | | | | | X | X | X | X | | |
| | | | | | | | | X | X | X | X | | |
| | | | | | | | | X | X | X | X | | |
| | | | | | | | | X | X | X | X | | |
| | | | | | | | | X | X | X | X | | |
| | | | | | | | | X | X | X | X | | |
| | | | | | | | | X | X | X | X | | |
| | | | | | | | | X | X | X | X | | |
| | | | | | | | | X | X | X | X | | |

Remarks: ICE
TPD, CI, 003 in
CAREY IN 285-480337-EP
TKN E BLUback
Dry Weight Basis Required
TRRP Report Required

10



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
200 East Sunset Road, Suite E El Paso, Texas 79922 915-585-3443 FAX 915-585-4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432-689-6301 FAX 432-689-6313
(BioAquatic) 2501 Mayes Rd., Suite 100 Carrollton, Texas 75006 972-242-7750
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Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

(Corrected Report)

Linda Armstrong
Dona Ana Dairies

Report Date: October 7, 2013

P.O. Box 10
Mesquite, NM, 88048

Work Order: 13082242



Project Location: Various Dairies, Dona Ana County, NM
Project Name: Dona Ana Dairies Consortium
Project #: DAD

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 339601 | 74-04 | water | 2013-08-22 | 12:00 | 2013-08-22 |
| 339602 | 74-Lagoon | water | 2013-08-22 | 13:19 | 2013-08-22 |
| 339603 | 74-05 | water | 2013-08-22 | 15:01 | 2013-08-22 |

Report Corrections (Work Order 13082242)

- 10/7/13: Corrected data on Chloride, NO₃, TDS, and TKN on samples 339602 and 339603.

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 20 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Report Contents

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Case Narrative

Samples for project Dona Ana Dairies Consortium were received by TraceAnalysis, Inc. on 2013-08-22 and assigned to work order 13082242. Samples for work order 13082242 were received intact at a temperature of 4.0 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|-----------------|------------|---------------------|----------|---------------------|
| Chloride (IC) | E 300.0 | 88519 | 2013-08-22 at 23:42 | 104463 | 2013-08-22 at 23:42 |
| Chloride (IC) | E 300.0 | 88520 | 2013-08-23 at 16:43 | 104464 | 2013-08-23 at 16:43 |
| NO3 (IC) | E 300.0 | 88519 | 2013-08-22 at 23:42 | 104463 | 2013-08-22 at 23:42 |
| NO3 (IC) | E 300.0 | 88520 | 2013-08-23 at 16:43 | 104464 | 2013-08-23 at 16:43 |
| TDS | SM 2540C | 88554 | 2013-08-27 at 14:30 | 104511 | 2013-08-27 at 14:30 |
| TKN | SM 4500-NH3 B,C | 88776 | 2013-09-05 at 16:00 | 104775 | 2013-09-05 at 20:00 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13082242 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 339601 - 74-04

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104463 Date Analyzed: 2013-08-22 Analyzed By: JR
 Prep Batch: 88519 Sample Preparation: 2013-08-22 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 560 | 560 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 339601 - 74-04

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104463 Date Analyzed: 2013-08-22 Analyzed By: JR
 Prep Batch: 88519 Sample Preparation: 2013-08-22 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 16.4 | 16.4 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 339601 - 74-04

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104511 Date Analyzed: 2013-08-27 Analyzed By: MC
 Prep Batch: 88554 Sample Preparation: 2013-08-27 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2160 | 2160 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 339601 - 74-04

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104775 Date Analyzed: 2013-09-05 Analyzed By: SAS
 Prep Batch: 88776 Sample Preparation: Prepared By: SAS

Report Date: October 7, 2013

Work Order: 13082242
 Dona Ana Dairies Consortium

Page Number: 6 of 20
 Various Dairies, Dona Ana County, NM

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 3.50 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 339602 - 74-Lagoon

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104463 Date Analyzed: 2013-08-22 Analyzed By: JR
 Prep Batch: 88519 Sample Preparation: 2013-08-22 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 464 | 464 | <0.195 | mg/L | 10 | 0.195 | 2.5 | 0.0195 |

Sample: 339602 - 74-Lagoon

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104463 Date Analyzed: 2013-08-22 Analyzed By: JR
 Prep Batch: 88519 Sample Preparation: 2013-08-22 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|-------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | U | 1 | <0.164 | <2.50 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 339602 - 74-Lagoon

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104511 Date Analyzed: 2013-08-27 Analyzed By: MC
 Prep Batch: 88554 Sample Preparation: 2013-08-27 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 1900 | 1900 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 339602 - 74-Lagoon

Laboratory: Lubbock
 Analysis: TKN Analytical Method: SM 4500-NH3 B,C Prep Method: N/A
 QC Batch: 104775 Date Analyzed: 2013-09-05 Analyzed By: SAS
 Prep Batch: 88776 Sample Preparation: Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|-------------|-------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | | 2 | 76.3 | 76.3 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 339603 - 74-05

Laboratory: El Paso
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104464 Date Analyzed: 2013-08-23 Analyzed By: JR
 Prep Batch: 88520 Sample Preparation: 2013-08-23 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|------------|------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 1 | 497 | 497 | <0.975 | mg/L | 50 | 0.975 | 2.5 | 0.0195 |

Sample: 339603 - 74-05

Laboratory: El Paso
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104464 Date Analyzed: 2013-08-23 Analyzed By: JR
 Prep Batch: 88520 Sample Preparation: 2013-08-23 Prepared By: JR

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|-------------|-------------|--------|-------|----------|-------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 1 | 18.8 | 18.8 | <0.164 | mg/L | 5 | 0.164 | 0.5 | 0.0327 |

Sample: 339603 - 74-05

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 104511 Date Analyzed: 2013-08-27 Analyzed By: MC
 Prep Batch: 88554 Sample Preparation: 2013-08-27 Prepared By: MC

continued . . .

sample 339603 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 1980 | 1980 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 339603 - 74-05

Laboratory: Lubbock
 Analysis: TKN
 QC Batch: 104775
 Prep Batch: 88776

Analytical Method: SM 4500-NH3 B,C
 Date Analyzed: 2013-09-05
 Sample Preparation:

Prep Method: N/A
 Analyzed By: SAS
 Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 4.20 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 104463
Prep Batch: 88519Date Analyzed: 2013-08-22
QC Preparation: 2013-08-22Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 104463
Prep Batch: 88519Date Analyzed: 2013-08-22
QC Preparation: 2013-08-22Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)

QC Batch: 104464
Prep Batch: 88520Date Analyzed: 2013-08-23
QC Preparation: 2013-08-23Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Chloride | | 1 | <0.0195 | mg/L | 0.0195 |

Method Blank (1)

QC Batch: 104464
Prep Batch: 88520Date Analyzed: 2013-08-23
QC Preparation: 2013-08-23Analyzed By: JR
Prepared By: JR

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|---------|-------|------------------|
| Nitrate-N | | 1 | <0.0327 | mg/L | 0.0327 |

Method Blank (1)

QC Batch: 104511 Date Analyzed: 2013-08-27 Analyzed By: MC
 Prep Batch: 88554 QC Preparation: 2013-08-27 Prepared By: MC

| Parameter | F | C | Result | Units | Reporting Limits |
|------------------------|---|---|--------|-------|------------------|
| Total Dissolved Solids | | 1 | <2.50 | mg/L | 2.5 |

Method Blank (1)

QC Batch: 104775 Date Analyzed: 2013-09-05 Analyzed By: SAS
 Prep Batch: 88776 QC Preparation: 2013-09-05 Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Duplicate (1) Duplicated Sample: 339563

QC Batch: 104511 Date Analyzed: 2013-08-27 Analyzed By: MC
 Prep Batch: 88554 QC Preparation: 2013-08-27 Prepared By: MC

| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|------------------|---------------|-------|----------|-----|-----------|
| Total Dissolved Solids | | 1 | 2760 | 2800 | mg/L | 1 | 1 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104463
Prep Batch: 88519Date Analyzed: 2013-08-22
QC Preparation: 2013-08-22Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Chloride | | 1 | 24.8 | mg/L | 1 | 25.0 | <0.0195 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | Dil. | | | | | | |
| Chloride | | 1 | 24.8 | mg/L | 1 | 25.0 | <0.0195 | 99 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104463
Prep Batch: 88519Date Analyzed: 2013-08-22
QC Preparation: 2013-08-22Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Nitrate-N | | 1 | 5.03 | mg/L | 1 | 5.00 | <0.0327 | 101 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | Dil. | | | | | | |
| Nitrate-N | | 1 | 5.02 | mg/L | 1 | 5.00 | <0.0327 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104464
Prep Batch: 88520Date Analyzed: 2013-08-23
QC Preparation: 2013-08-23Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Chloride | | 1 | 24.4 | mg/L | 1 | 25.0 | <0.0195 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|--------------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 24.3 | mg/L | 1 | 25.0 | <0.0195 | 97 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104464
Prep Batch: 88520

Date Analyzed: 2013-08-23
QC Preparation: 2013-08-23

Analyzed By: JR
Prepared By: JR

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 1 | 4.93 | mg/L | 1 | 5.00 | <0.0327 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 4.92 | mg/L | 1 | 5.00 | <0.0327 | 98 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104511
Prep Batch: 88554

Date Analyzed: 2013-08-27
QC Preparation: 2013-08-27

Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | | | | | |
| Total Dissolved Solids | | 1 | 937 | mg/L | 1 | 1000 | <2.50 | 94 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | | | | | | | |
| Total Dissolved Solids | | 1 | 939 | mg/L | 1 | 1000 | <2.50 | 94 | 90 - 110 | 0 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104775
Prep Batch: 88776

Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | <1.66 | 99 | 79.2 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 48.3 | mg/L | 1 | 50.0 | <1.66 | 97 | 79.2 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 339601

QC Batch: 104463
Prep Batch: 88519

Date Analyzed: 2013-08-22
QC Preparation: 2013-08-22

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Chloride | | 1 | 2040 | mg/L | 55.6 | 1390 | 560 | 106 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 1 | 2040 | mg/L | 55.6 | 1390 | 560 | 106 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 339601

QC Batch: 104463
Prep Batch: 88519

Date Analyzed: 2013-08-22
QC Preparation: 2013-08-22

Analyzed By: JR
Prepared By: JR

| Param | F | C | MS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 1 | 298 | mg/L | 55.6 | 278 | 16.4 | 101 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 1 | 298 | mg/L | 55.6 | 278 | 16.4 | 101 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 339603QC Batch: 104464
Prep Batch: 88520Date Analyzed: 2013-08-23
QC Preparation: 2013-08-23Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 1 | 1880 | mg/L | 55.6 | 1390 | 464 | 102 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | | 1 | 1860 | mg/L | 55.6 | 1390 | 464 | 100 | 90 - 110 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 339603QC Batch: 104464
Prep Batch: 88520Date Analyzed: 2013-08-23
QC Preparation: 2013-08-23Analyzed By: JR
Prepared By: JR

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 1 | 277 | mg/L | 55.6 | 278 | <1.82 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Nitrate-N | | 1 | 273 | mg/L | 55.6 | 278 | <1.82 | 98 | 90 - 110 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 339154QC Batch: 104775
Prep Batch: 88776Date Analyzed: 2013-09-05
QC Preparation: 2013-09-05Analyzed By: SAS
Prepared By: SAS

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | 2.8 | 94 | 58.1 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Total Kjeldahl Nitrogen - N | | 2 | 51.1 | mg/L | 1 | 50.0 | 2.8 | 97 | 58.1 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 104463

Date Analyzed: 2013-08-22

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.8 | 99 | 90 - 110 | 2013-08-22 |

Standard (CCV-1)

QC Batch: 104463

Date Analyzed: 2013-08-22

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.00 | 100 | 90 - 110 | 2013-08-22 |

Standard (CCV-2)

QC Batch: 104463

Date Analyzed: 2013-08-22

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.9 | 100 | 90 - 110 | 2013-08-22 |

Standard (CCV-2)

QC Batch: 104463

Date Analyzed: 2013-08-22

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.03 | 101 | 90 - 110 | 2013-08-22 |

Standard (CCV-1)

QC Batch: 104464

Date Analyzed: 2013-08-23

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.7 | 99 | 90 - 110 | 2013-08-23 |

Standard (CCV-1)

QC Batch: 104464

Date Analyzed: 2013-08-23

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 4.99 | 100 | 90 - 110 | 2013-08-23 |

Standard (CCV-2)

QC Batch: 104464

Date Analyzed: 2013-08-23

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 1 | mg/L | 25.0 | 24.8 | 99 | 90 - 110 | 2013-08-23 |

Standard (CCV-2)

QC Batch: 104464

Date Analyzed: 2013-08-23

Analyzed By: JR

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 1 | mg/L | 5.00 | 5.02 | 100 | 90 - 110 | 2013-08-23 |

Standard (ICV-1)

QC Batch: 104775

Date Analyzed: 2013-09-05

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-05 |

Standard (CCV-1)

QC Batch: 104775

Date Analyzed: 2013-09-05

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-05 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike Amount | Pass |
|---------------|-----------------|--------|------------|-----------------------------|-----------------|------|
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.0500 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0833 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | SM 4500-NH3 B,C | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.


TraceAnalysis, Inc.

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Tel (806) 794-1296
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BioAqualic Testing
2501 Mayes Rd., Ste 100
Carrollton, Texas 75006
Tel (972) 242-7750

Company Name: D & H Petroleum & Environmental Serv.
Address: 1221 Tower Trails Dr El Paso, Tx 79907
Contact Person: Victor Ayala
E-mail: vajala@dhpump.com
Invoice to: Dona Ana Dairies, P.O. Box 10, Mesquite, NM 88048
Project #: 422534
Project Name: Dona Ana Dairies Consortium
Project Location: Various Dairies, Dona Ana County, NM
Sampler Signature: 

| LAB # (LAB USE ONLY) | FIELD CODE | # CONTAINERS | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | SAMPLING | | | |
|-------------------------|------------|--------------|---------------|--------|-----|------|--------|---------------------|------------------|--------------------------------|------|----------|------|---------|-------|
| | | | | WATER | AIR | SOIL | SLUDGE | HCL | HNO ₃ | H ₂ SO ₄ | NAOH | ICE | NONE | DATE | TIME |
| 339601-174-04 | | 1 | 250ml | X | | | | X | | | X | | | 8-22-13 | 12:00 |
| 1-2 74-04 | | 1 | ↓ | X | | | | X | | | X | | | 8-22-13 | 12:00 |
| 339602-174 Lagon | | 1 | ↓ | X | | | | X | | | X | | | 8-22-13 | 13:19 |
| 1-2 74 Lagon | | 1 | ↓ | X | | | | X | | | X | | | 8-22-13 | 13:19 |
| 339603-174-05 | | 1 | ↓ | X | | | | X | | | X | | | 8-22-13 | 15:01 |
| 1-2 74-05 | | 1 | ↓ | X | | | | X | | | X | | | 8-22-13 | 15:01 |

Relinquished by: D & H Company: D & H Date: 8/22/13 Time: 15:42
 Received by: Domingo de Haro Company: D & H Date: 8-22-13 Time: 15:42
 INST: 12-2 OBS: 7 COR: 7
 Relinquished by: D & H Company: D & H Date: 8-22-13 Time: 16:30
 Received by: Abel TA Company: D & H Date: 8/22/13 Time: 9:10
 INST: 13 OBS: 52 COR: 0

ANALYSIS REQUEST
(Circle or Specify Method No.)

| Method No. | Method Name | 339601-174-04 | 1-2 74-04 | 339602-174 Lagon | 1-2 74 Lagon | 339603-174-05 | 1-2 74-05 |
|-------------------------------------------------------------------------------------------------|-------------------------------------|---------------|-----------|------------------|--------------|---------------|-----------|
| 8021B / 602 / 8260B / 624 | MTEB | | | | | | |
| 8021B / 602 / 8260B / 624 | BTEX | | | | | | |
| 418.1 / TX1005 / DRO / TVHC | TPH | | | | | | |
| 8270C / 625 | PAH | | | | | | |
| Ag As Ba Cd Cr Pb Se Hg | Total Metals | | | | | | |
| Ag As Ba Cd Cr Pb Se Hg | TCLP Metals | | | | | | |
| Ag As Ba Cd Cr Pb Se Hg | TCLP Semi Volatiles | | | | | | |
| Ag As Ba Cd Cr Pb Se Hg | TCLP Volatiles | | | | | | |
| Chloride EPA 300 | Chloride | X | X | X | X | X | X |
| TKN SM 4500 NORG C | TKN | X | X | X | X | X | X |
| 8260B / 624 | GC/MS Vol. | | | | | | |
| 8270C/625 | GC/MS Semi. Vol. | | | | | | |
| 8082 / 608 | PCB's | | | | | | |
| 8081A / 608 | Pesticides | | | | | | |
| BOD, TSS, pH | Moisture Content | | | | | | |
| Cl, F, SO ₄ , NO ₃ -N, NO ₂ -N, PO ₄ -P, Alkalinity | Na, Ca, Mg, K, TDS, EC | | | | | | |
| | Total Dissolved Solids SM 2540C Mod | | | | | | |

REMARKS: ICE

Dry Weight Basis Required
 No₃, Cl, TDS @ E.P.
 TRRP Report Required
 TKN @ Labwork
 Check If Special Reporting Limits Are Needed

Log-in Review: 8-22-13
 Carrier #: 13082242



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1298
 200 East Sunset Road, Suite E El Paso, Texas 79922 915-585-3443 FAX 915-585-4944
 5002 Basin Street, Suite A1 Midland, Texas 79703 432-689-6301 FAX 432-689-6313
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Certifications

WBE HUB NCTRCA DBE NELAP DoD LELAP Kansas Oklahoma ISO 17025

Analytical and Quality Control Report

Victor Ayala
 D & H Petroleum & Envir. Serv.-EP
 1221 Tower Trail
 P.O. Box 17969
 El Paso, TX, 79907

Report Date: September 24, 2013

Work Order: 13091007



Project Location: Various, Dairies, Dona Ana County, NM
 Project Name: Dona Ana Dairies Consortium
 Project Number: 422543

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 341533 | DAD 02 | water | 2013-09-09 | 12:38 | 2013-09-09 |
| 341534 | DAD 11 | water | 2013-09-09 | 14:29 | 2013-09-09 |
| 341535 | DAD 13 | water | 2013-09-09 | 14:50 | 2013-09-09 |
| 341536 | DAD 14 | water | 2013-09-09 | 14:08 | 2013-09-09 |
| 341537 | DAD 16 | water | 2013-09-09 | 11:56 | 2013-09-09 |
| 341538 | DAD 17 | water | 2013-09-09 | 10:35 | 2013-09-09 |
| 341539 | DAD 18 | water | 2013-09-09 | 11:24 | 2013-09-09 |
| 341540 | DAD 19 | water | 2013-09-09 | 09:53 | 2013-09-09 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 28 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Notes:

For inorganic analyses, the term MQL should actually read PQL.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

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Case Narrative

Samples for project Dona Ana Dairies Consortium were received by TraceAnalysis, Inc. on 2013-09-09 and assigned to work order 13091007. Samples for work order 13091007 were received intact at a temperature of 4.0 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|---------------|----------|------------|---------------------|----------|---------------------|
| Chloride (IC) | E 300.0 | 88904 | 2013-09-10 at 14:00 | 104928 | 2013-09-10 at 16:33 |
| Chloride (IC) | E 300.0 | 88906 | 2013-09-10 at 14:00 | 104929 | 2013-09-10 at 16:33 |
| NO3 (IC) | E 300.0 | 88904 | 2013-09-10 at 14:00 | 104928 | 2013-09-10 at 16:33 |
| NO3 (IC) | E 300.0 | 88906 | 2013-09-10 at 14:00 | 104929 | 2013-09-10 at 16:33 |
| TDS | SM 2540C | 88982 | 2013-09-11 at 15:00 | 105026 | 2013-09-11 at 15:00 |
| TKN | E 351.3 | 89036 | 2013-09-16 at 10:30 | 105088 | 2013-09-16 at 13:00 |
| TKN | E 351.3 | 89233 | 2013-09-23 at 14:00 | 105367 | 2013-09-23 at 18:00 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 13091007 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 341533 - DAD 02

Laboratory: Lubbock
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104928 Date Analyzed: 2013-09-10 Analyzed By: RL
 Prep Batch: 88904 Sample Preparation: 2013-09-10 Prepared By: RL

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|------------|------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 2 | 337 | 337 | <12.7 | mg/L | 50 | 12.7 | 2.5 | 0.254 |

Sample: 341533 - DAD 02

Laboratory: Lubbock
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104928 Date Analyzed: 2013-09-10 Analyzed By: RL
 Prep Batch: 88904 Sample Preparation: 2013-09-10 Prepared By: RL

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|-----------|---|---|-------------|-------------|---------|-------|----------|--------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 2 | 7.14 | 7.14 | <0.0483 | mg/L | 5 | 0.0483 | 0.04 | 0.00966 |

Sample: 341533 - DAD 02

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 105026 Date Analyzed: 2013-09-11 Analyzed By: MC
 Prep Batch: 88982 Sample Preparation: 2013-09-11 Prepared By: MC

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | SQL | MDL |
|------------------------|---|---|-------------|-------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 1900 | 1900 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341533 - DAD 02

Laboratory: Lubbock
 Analysis: TKN Analytical Method: E 351.3 Prep Method: N/A
 QC Batch: 105088 Date Analyzed: 2013-09-16 Analyzed By: SAS
 Prep Batch: 89036 Sample Preparation: 2013-09-16 Prepared By: SAS

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| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | u | 2 | <1.66 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341534 - DAD 11

Laboratory: Lubbock
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104928 Date Analyzed: 2013-09-10 Analyzed By: RL
 Prep Batch: 88904 Sample Preparation: 2013-09-10 Prepared By: RL

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 2 | 1080 | 1080 | <25.4 | mg/L | 100 | 25.4 | 2.5 | 0.254 |

Sample: 341534 - DAD 11

Laboratory: Lubbock
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104928 Date Analyzed: 2013-09-10 Analyzed By: RL
 Prep Batch: 88904 Sample Preparation: 2013-09-10 Prepared By: RL

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|--------------|--------------|--------------|-------|----------|--------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 2 | 13.6 | 13.6 | <0.0483 | mg/L | 5 | 0.0483 | 0.04 | 0.00966 |

Sample: 341534 - DAD 11

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 105026 Date Analyzed: 2013-09-11 Analyzed By: MC
 Prep Batch: 88982 Sample Preparation: 2013-09-11 Prepared By: MC

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|------------------------|---|---|--------------|--------------|--------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 3560 | 3560 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341534 - DAD 11

Laboratory: Lubbock
 Analysis: TKN Analytical Method: E 351.3 Prep Method: N/A
 QC Batch: 105088 Date Analyzed: 2013-09-16 Analyzed By: SAS
 Prep Batch: 89036 Sample Preparation: 2013-09-16 Prepared By: SAS

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|-------------|-------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 2.80 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341535 - DAD 13

Laboratory: Lubbock
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104928 Date Analyzed: 2013-09-10 Analyzed By: RL
 Prep Batch: 88904 Sample Preparation: 2013-09-10 Prepared By: RL

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|------------|------------|--------|-------|----------|------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Chloride | | 2 | 524 | 524 | <25.4 | mg/L | 100 | 25.4 | 2.5 | 0.254 |

Sample: 341535 - DAD 13

Laboratory: Lubbock
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104928 Date Analyzed: 2013-09-10 Analyzed By: RL
 Prep Batch: 88904 Sample Preparation: 2013-09-10 Prepared By: RL

| Parameter | F | C | SDL | SQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|-------------|-------------|---------|-------|----------|--------|--------------|--------------|
| | | | Based | Based | Blank | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 2 | 3.42 | 3.42 | <0.0483 | mg/L | 5 | 0.0483 | 0.04 | 0.00966 |

Sample: 341535 - DAD 13

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 105026 Date Analyzed: 2013-09-11 Analyzed By: MC
 Prep Batch: 88982 Sample Preparation: 2013-09-11 Prepared By: MC

continued . . .

sample 341535 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 1800 | 1800 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341535 - DAD 13

Laboratory: Lubbock
 Analysis: TKN Analytical Method: E 351.3 Prep Method: N/A
 QC Batch: 105088 Date Analyzed: 2013-09-16 Analyzed By: SAS
 Prep Batch: 89036 Sample Preparation: 2013-09-16 Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 2.80 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341536 - DAD 14

Laboratory: Lubbock
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104928 Date Analyzed: 2013-09-10 Analyzed By: RL
 Prep Batch: 88904 Sample Preparation: 2013-09-10 Prepared By: RL

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Chloride | | 2 | 1010 | 1010 | <25.4 | mg/L | 100 | 25.4 | 2.5 | 0.254 |

Sample: 341536 - DAD 14

Laboratory: Lubbock
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104928 Date Analyzed: 2013-09-10 Analyzed By: RL
 Prep Batch: 88904 Sample Preparation: 2013-09-10 Prepared By: RL

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|--------|---------------------|---------------------|
| Nitrate-N | | 2 | 29.2 | 29.2 | <0.0483 | mg/L | 5 | 0.0483 | 0.04 | 0.00966 |

Sample: 341536 - DAD 14

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 105026 Date Analyzed: 2013-09-11 Analyzed By: MC
 Prep Batch: 88982 Sample Preparation: 2013-09-11 Prepared By: MC

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 3590 | 3590 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341536 - DAD 14

Laboratory: Lubbock
 Analysis: TKN Analytical Method: E 351.3 Prep Method: N/A
 QC Batch: 105088 Date Analyzed: 2013-09-16 Analyzed By: SAS
 Prep Batch: 89036 Sample Preparation: 2013-09-16 Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 3.50 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341537 - DAD 16

Laboratory: Lubbock
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104929 Date Analyzed: 2013-09-10 Analyzed By: RL
 Prep Batch: 88906 Sample Preparation: 2013-09-10 Prepared By: RL

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | MQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Chloride | | 2 | 538 | 538 | <25.4 | mg/L | 100 | 25.4 | 2.5 | 0.254 |

Sample: 341537 - DAD 16

Laboratory: Lubbock
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104929 Date Analyzed: 2013-09-10 Analyzed By: RL
 Prep Batch: 88906 Sample Preparation: 2013-09-10 Prepared By: RL

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------|---|---|-----------------|-----------------|-----------------|-------|----------|--------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Nitrate-N | | 2 | 0.832 | 0.832 | <0.0483 | mg/L | 5 | 0.0483 | 0.04 | 0.00966 |

Sample: 341537 - DAD 16

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 105026 Date Analyzed: 2013-09-11 Analyzed By: MC
 Prep Batch: 88982 Sample Preparation: 2013-09-11 Prepared By: MC

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Dissolved Solids | | 1 | 2260 | 2260 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341537 - DAD 16

Laboratory: Lubbock
 Analysis: TKN Analytical Method: E 351.3 Prep Method: N/A
 QC Batch: 105088 Date Analyzed: 2013-09-16 Analyzed By: SAS
 Prep Batch: 89036 Sample Preparation: 2013-09-16 Prepared By: SAS

| Parameter | F | C | SDL | MQL | Method | Units | Dilution | SDL | MQL | MDL |
|-----------------------------|---|---|-----------------|-----------------|-----------------|-------|----------|------|--------------|--------------|
| | | | Based Result | Based Result | Blank Result | | | | (Unadjusted) | (Unadjusted) |
| Total Kjeldahl Nitrogen - N | J | 2 | 4.20 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341538 - DAD 17

Laboratory: Lubbock
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104929 Date Analyzed: 2013-09-10 Analyzed By: RL
 Prep Batch: 88906 Sample Preparation: 2013-09-10 Prepared By: RL

continued ...

sample 341538 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Chloride | | 2 | 451 | 451 | <25.4 | mg/L | 100 | 25.4 | 2.5 | 0.254 |

Sample: 341538 - DAD 17

Laboratory: Lubbock
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104929 Date Analyzed: 2013-09-10 Analyzed By: RL
 Prep Batch: 88906 Sample Preparation: 2013-09-10 Prepared By: RL

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|--------|---------------------|---------------------|
| Nitrate-N | | 2 | 0.370 | 0.370 | <0.0483 | mg/L | 5 | 0.0483 | 0.04 | 0.00966 |

Sample: 341538 - DAD 17

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 105026 Date Analyzed: 2013-09-11 Analyzed By: MC
 Prep Batch: 88982 Sample Preparation: 2013-09-11 Prepared By: MC

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 2340 | 2340 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341538 - DAD 17

Laboratory: Lubbock
 Analysis: TKN Analytical Method: E 351.3 Prep Method: N/A
 QC Batch: 105088 Date Analyzed: 2013-09-16 Analyzed By: SAS
 Prep Batch: 89036 Sample Preparation: 2013-09-16 Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 2.10 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341539 - DAD 18

Laboratory: Lubbock
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104929 Date Analyzed: 2013-09-10 Analyzed By: RL
 Prep Batch: 88906 Sample Preparation: 2013-09-10 Prepared By: RL

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Chloride | | 2 | 697 | 697 | <25.4 | mg/L | 100 | 25.4 | 2.5 | 0.254 |

Sample: 341539 - DAD 18

Laboratory: Lubbock
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104929 Date Analyzed: 2013-09-10 Analyzed By: RL
 Prep Batch: 88906 Sample Preparation: 2013-09-10 Prepared By: RL

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|--------|---------------------|---------------------|
| Nitrate-N | | 2 | 10.9 | 10.9 | <0.0483 | mg/L | 5 | 0.0483 | 0.04 | 0.00966 |

Sample: 341539 - DAD 18

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 105026 Date Analyzed: 2013-09-11 Analyzed By: MC
 Prep Batch: 88982 Sample Preparation: 2013-09-11 Prepared By: MC

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 3040 | 3040 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341539 - DAD 18

Laboratory: Lubbock
 Analysis: TKN Analytical Method: E 351.3 Prep Method: N/A
 QC Batch: 105088 Date Analyzed: 2013-09-16 Analyzed By: SAS
 Prep Batch: 89036 Sample Preparation: 2013-09-16 Prepared By: SAS

continued ...

sample 341539 continued ...

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | J | 2 | 2.80 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Sample: 341540 - DAD 19

Laboratory: Lubbock
 Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104929 Date Analyzed: 2013-09-10 Analyzed By: RL
 Prep Batch: 88906 Sample Preparation: 2013-09-10 Prepared By: RL

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Chloride | | 2 | 1260 | 1260 | <25.4 | mg/L | 100 | 25.4 | 2.5 | 0.254 |

Sample: 341540 - DAD 19

Laboratory: Lubbock
 Analysis: NO3 (IC) Analytical Method: E 300.0 Prep Method: N/A
 QC Batch: 104929 Date Analyzed: 2013-09-10 Analyzed By: RL
 Prep Batch: 88906 Sample Preparation: 2013-09-10 Prepared By: RL

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------|---|---|------------------------|------------------------|---------------------------|-------|----------|--------|---------------------|---------------------|
| Nitrate-N | | 2 | 54.6 | 54.6 | <0.0483 | mg/L | 5 | 0.0483 | 0.04 | 0.00966 |

Sample: 341540 - DAD 19

Laboratory: El Paso
 Analysis: TDS Analytical Method: SM 2540C Prep Method: N/A
 QC Batch: 105026 Date Analyzed: 2013-09-11 Analyzed By: MC
 Prep Batch: 88982 Sample Preparation: 2013-09-11 Prepared By: MC

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Dissolved Solids | | 1 | 3270 | 3270 | <2.50 | mg/L | 1 | 2.50 | 2.5 | 2.5 |

Sample: 341540 - DAD 19

Laboratory: Lubbock

Analysis: TKN

QC Batch: 105367

Prep Batch: 89233

Analytical Method: E 351.3

Date Analyzed: 2013-09-23

Sample Preparation: 2013-09-23

Prep Method: N/A

Analyzed By: SAS

Prepared By: SAS

| Parameter | F | C | SDL Based Result | SQL Based Result | Method Blank Result | Units | Dilution | SDL | SQL (Unadjusted) | MDL (Unadjusted) |
|-----------------------------|---|---|------------------------|------------------------|---------------------------|-------|----------|------|---------------------|---------------------|
| Total Kjeldahl Nitrogen - N | u | 2 | <1.66 | <10.0 | <1.66 | mg/L | 1 | 1.66 | 10 | 1.66 |

Method Blanks

Method Blank (1)

QC Batch: 104928
Prep Batch: 88904

Date Analyzed: 2013-09-10
QC Preparation: 2013-09-10

Analyzed By: RL
Prepared By: RL

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Chloride | | 2 | <0.254 | mg/L | 0.254 |

Method Blank (1)

QC Batch: 104928
Prep Batch: 88904

Date Analyzed: 2013-09-10
QC Preparation: 2013-09-10

Analyzed By: RL
Prepared By: RL

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|----------|-------|------------------|
| Nitrate-N | | 2 | <0.00966 | mg/L | 0.00966 |

Method Blank (1)

QC Batch: 104929
Prep Batch: 88906

Date Analyzed: 2013-09-10
QC Preparation: 2013-09-10

Analyzed By: RL
Prepared By: RL

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|--------|-------|------------------|
| Chloride | | 2 | <0.254 | mg/L | 0.254 |

Method Blank (1)

QC Batch: 104929
Prep Batch: 88906

Date Analyzed: 2013-09-10
QC Preparation: 2013-09-10

Analyzed By: RL
Prepared By: RL

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------|---|---|----------|-------|------------------|
| Nitrate-N | | 2 | <0.00966 | mg/L | 0.00966 |

Method Blank (1)

QC Batch: 105026 Date Analyzed: 2013-09-11 Analyzed By: MC
Prep Batch: 88982 QC Preparation: 2013-09-11 Prepared By: MC

| Parameter | F | C | Result | Units | Reporting Limits |
|------------------------|---|---|--------|-------|------------------|
| Total Dissolved Solids | | 1 | <2.50 | mg/L | 2.5 |

Method Blank (1)

QC Batch: 105088 Date Analyzed: 2013-09-16 Analyzed By: SAS
Prep Batch: 89036 QC Preparation: 2013-09-16 Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Method Blank (1)

QC Batch: 105367 Date Analyzed: 2013-09-23 Analyzed By: SAS
Prep Batch: 89233 QC Preparation: 2013-09-23 Prepared By: SAS

| Parameter | F | C | Result | Units | Reporting Limits |
|-----------------------------|---|---|--------|-------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | <1.66 | mg/L | 1.66 |

Duplicate (2) Duplicated Sample: 341580

QC Batch: 105026 Date Analyzed: 2013-09-11 Analyzed By: MC
Prep Batch: 88982 QC Preparation: 2013-09-11 Prepared By: MC

Report Date: September 24, 2013
422543

Work Order: 13091007
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| Param | F | C | Duplicate Result | Sample Result | Units | Dilution | RPD | RPD Limit |
|------------------------|---|---|---------------------|------------------|-------|----------|-----|--------------|
| Total Dissolved Solids | | 1 | 1580 | 1570 | mg/L | 1 | 1 | 10 |

Laboratory Control Spikes

Laboratory Control Spike (LCS-1)

QC Batch: 104928
Prep Batch: 88904

Date Analyzed: 2013-09-10
QC Preparation: 2013-09-10

Analyzed By: RL
Prepared By: RL

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | Dil. | | | | |
| Chloride | | 2 | 24.4 | mg/L | 1 | 25.0 | <0.254 | 98 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | Dil. | | | | | | |
| Chloride | | 2 | 24.5 | mg/L | 1 | 25.0 | <0.254 | 98 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104928
Prep Batch: 88904

Date Analyzed: 2013-09-10
QC Preparation: 2013-09-10

Analyzed By: RL
Prepared By: RL

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | Dil. | | | | |
| Nitrate-N | | 2 | 4.83 | mg/L | 1 | 5.00 | <0.00966 | 97 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | Dil. | | | | | | |
| Nitrate-N | | 2 | 4.79 | mg/L | 1 | 5.00 | <0.00966 | 96 | 90 - 110 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104929
Prep Batch: 88906

Date Analyzed: 2013-09-10
QC Preparation: 2013-09-10

Analyzed By: RL
Prepared By: RL

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | Dil. | | | | |
| Chloride | | 2 | 24.9 | mg/L | 1 | 25.0 | <0.254 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Chloride | | 2 | 24.8 | mg/L | 1 | 25.0 | <0.254 | 99 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 104929
Prep Batch: 88906

Date Analyzed: 2013-09-10
QC Preparation: 2013-09-10

Analyzed By: RL
Prepared By: RL

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Nitrate-N | | 2 | 5.00 | mg/L | 1 | 5.00 | <0.00966 | 100 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Nitrate-N | | 2 | 4.99 | mg/L | 1 | 5.00 | <0.00966 | 100 | 90 - 110 | 0 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105026
Prep Batch: 88982

Date Analyzed: 2013-09-11
QC Preparation: 2013-09-11

Analyzed By: MC
Prepared By: MC

| Param | F | C | LCS | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | | | | | |
| Total Dissolved Solids | | 1 | 990 | mg/L | 1 | 1000 | <2.50 | 99 | 90 - 110 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | | | | | | | |
| Total Dissolved Solids | | 1 | 998 | mg/L | 1 | 1000 | <2.50 | 100 | 90 - 110 | 1 | 10 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105088
Prep Batch: 89036

Date Analyzed: 2013-09-16
QC Preparation: 2013-09-16

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 50.4 | mg/L | 1 | 50.0 | <1.66 | 101 | 75.5 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | Dil. | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 51.1 | mg/L | 1 | 50.0 | <1.66 | 102 | 75.5 - 115 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch: 105367
Prep Batch: 89233

Date Analyzed: 2013-09-23
QC Preparation: 2013-09-23

Analyzed By: SAS
Prepared By: SAS

| Param | F | C | LCS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 49.7 | mg/L | 1 | 50.0 | <1.66 | 99 | 75.5 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | LCSD | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | Dil. | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 48.3 | mg/L | 1 | 50.0 | <1.66 | 97 | 75.5 - 115 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341536

QC Batch: 104928
Prep Batch: 88904

Date Analyzed: 2013-09-10
QC Preparation: 2013-09-10

Analyzed By: RL
Prepared By: RL

| Param | F | C | MS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|
| | | | Result | Units | Dil. | | | | |
| Chloride | | 2 | 3820 | mg/L | 100 | 2500 | 1010 | 112 | 80 - 120 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|--------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| | | | Result | Units | Dil. | | | | | | |
| Chloride | | 2 | 3790 | mg/L | 100 | 2500 | 1010 | 111 | 80 - 120 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341536

QC Batch: 104928 Date Analyzed: 2013-09-10 Analyzed By: RL
Prep Batch: 88904 QC Preparation: 2013-09-10 Prepared By: RL

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 2 | 544 | mg/L | 100 | 500 | 29.3 | 103 | 80 - 120 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Nitrate-N | | 2 | 537 | mg/L | 100 | 500 | 29.3 | 102 | 80 - 120 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341446

QC Batch: 104929 Date Analyzed: 2013-09-10 Analyzed By: RL
Prep Batch: 88906 QC Preparation: 2013-09-10 Prepared By: RL

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | | 2 | 17800 | mg/L | 500 | 12500 | 4180 | 109 | 80 - 120 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | | 2 | 18000 | mg/L | 500 | 12500 | 4180 | 110 | 80 - 120 | 1 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341446

QC Batch: 104929 Date Analyzed: 2013-09-10 Analyzed By: RL
Prep Batch: 88906 QC Preparation: 2013-09-10 Prepared By: RL

| Param | F | C | MS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------|---|---|--------------|-------|------|-----------------|------------------|------|---------------|
| Nitrate-N | | 2 | 2500 | mg/L | 500 | 2500 | <4.83 | 100 | 80 - 120 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------|---|---|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Nitrate-N | | 2 | 2540 | mg/L | 500 | 2500 | <4.83 | 102 | 80 - 120 | 2 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341539

QC Batch: 105088 Date Analyzed: 2013-09-16 Analyzed By: SAS
Prep Batch: 89036 QC Preparation: 2013-09-16 Prepared By: SAS

| Param | F | C | MS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | Dil. | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 52.5 | mg/L | 1 | 50.0 | 2.8 | 99 | 41.1 - 118 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | Dil. | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 51.1 | mg/L | 1 | 50.0 | 2.8 | 97 | 41.1 - 118 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 341540

QC Batch: 105367 Date Analyzed: 2013-09-23 Analyzed By: SAS
Prep Batch: 89233 QC Preparation: 2013-09-23 Prepared By: SAS

| Param | F | C | MS | | | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|
| | | | Result | Units | Dil. | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 50.4 | mg/L | 1 | 50.0 | <1.66 | 101 | 41.1 - 118 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | F | C | MSD | | | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-----------------------------|---|---|--------|-------|------|--------------|---------------|------|------------|-----|-----------|
| | | | Result | Units | Dil. | | | | | | |
| Total Kjeldahl Nitrogen - N | | 2 | 51.8 | mg/L | 1 | 50.0 | <1.66 | 104 | 41.1 - 118 | 3 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Calibration Standards

Standard (CCV-1)

QC Batch: 104928

Date Analyzed: 2013-09-10

Analyzed By: RL

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 2 | mg/L | 25.0 | 25.4 | 102 | 90 - 110 | 2013-09-10 |

Standard (CCV-1)

QC Batch: 104928

Date Analyzed: 2013-09-10

Analyzed By: RL

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 2 | mg/L | 5.00 | 5.05 | 101 | 90 - 110 | 2013-09-10 |

Standard (CCV-2)

QC Batch: 104928

Date Analyzed: 2013-09-10

Analyzed By: RL

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 2 | mg/L | 25.0 | 23.9 | 96 | 90 - 110 | 2013-09-10 |

Standard (CCV-2)

QC Batch: 104928

Date Analyzed: 2013-09-10

Analyzed By: RL

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 2 | mg/L | 5.00 | 4.80 | 96 | 90 - 110 | 2013-09-10 |

Standard (CCV-1)

QC Batch: 104929 Date Analyzed: 2013-09-10 Analyzed By: RL

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 2 | mg/L | 25.0 | 23.9 | 96 | 90 - 110 | 2013-09-10 |

Standard (CCV-1)

QC Batch: 104929 Date Analyzed: 2013-09-10 Analyzed By: RL

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 2 | mg/L | 5.00 | 4.80 | 96 | 90 - 110 | 2013-09-10 |

Standard (CCV-2)

QC Batch: 104929 Date Analyzed: 2013-09-10 Analyzed By: RL

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride | | 2 | mg/L | 25.0 | 24.8 | 99 | 90 - 110 | 2013-09-10 |

Standard (CCV-2)

QC Batch: 104929 Date Analyzed: 2013-09-10 Analyzed By: RL

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Nitrate-N | | 2 | mg/L | 5.00 | 4.98 | 100 | 90 - 110 | 2013-09-10 |

Standard (ICV-1)

QC Batch: 105088 Date Analyzed: 2013-09-16 Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.90 | 98 | 85 - 115 | 2013-09-16 |

Standard (CCV-1)

QC Batch: 105088

Date Analyzed: 2013-09-16

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.76 | 95 | 85 - 115 | 2013-09-16 |

Standard (ICV-1)

QC Batch: 105367

Date Analyzed: 2013-09-23

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.76 | 95 | 85 - 115 | 2013-09-23 |

Standard (CCV-1)

QC Batch: 105367

Date Analyzed: 2013-09-23

Analyzed By: SAS

| Param | F | C | Units | CCVs True Conc. | CCVs Found Conc. | CCVs Percent Recovery | Percent Recovery Limits | Date Analyzed |
|-----------------------------|---|---|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Total Kjeldahl Nitrogen - N | | 2 | mg/L | 5.00 | 4.62 | 92 | 85 - 115 | 2013-09-23 |

Limits of Detection (LOD)

| Test | Method | Matrix | Instrument | Analyte | Spike Amount | Pass |
|---------------|----------|--------|------------|-----------------------------|--------------|------|
| Chloride (IC) | E 300.0 | water | Dionex IC | Chloride | 0.400 | Pass |
| NO3 (IC) | E 300.0 | water | Dionex IC | Nitrate-N | 0.0400 | Pass |
| TDS | SM 2540C | water | N/A | Total Dissolved Solids | 0.00 | - |
| TKN | E 351.3 | water | N/A | Total Kjeldahl Nitrogen - N | 5.00 | Pass |

Appendix

Report Definitions

| Name | Definition |
|------|----------------------------|
| MDL | Method Detection Limit |
| MQL | Minimum Quantitation Limit |
| SDL | Sample Detection Limit |

Laboratory Certifications

| C | Certifying Authority | Certification Number | Laboratory Location |
|---|----------------------|----------------------|---------------------|
| - | NCTRCA | WFWB384444Y0909 | TraceAnalysis |
| - | DBE | VN 20657 | TraceAnalysis |
| - | HUB | 1752439743100-86536 | TraceAnalysis |
| - | WBE | 237019 | TraceAnalysis |
| 1 | NELAP | T104704221-12-3 | El Paso |
| 2 | NELAP | T104704219-13-9 | Lubbock |

Standard Flags

| F | Description |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B | Analyte detected in the corresponding method blank above the method detection limit |
| H | Analyzed out of hold time |
| J | Estimated concentration |
| Jb | The analyte is positively identified and the value is approximated between the SDL and MQL. Sample contains less than ten times the concentration found in the method blank. The result should be considered non-detect to the SDL. |
| Je | Estimated concentration exceeding calibration range. |
| MI1 | Split peak or shoulder peak |
| MI2 | Instrument software did not integrate |
| MI3 | Instrument software misidentified the peak |
| MI4 | Instrument software integrated improperly |
| MI5 | Baseline correction |
| Qc | Calibration check outside of laboratory limits. |
| Qr | RPD outside of laboratory limits |
| Qs | Spike recovery outside of laboratory limits. |
| Qsr | Surrogate recovery outside of laboratory limits. |
| U | The analyte is not detected above the SDL |

Attachments

The scanned attachments will follow this page.
Please note, each attachment may consist of more than one page.

13091007

TraceAnalysis, Inc.

155 McCutcheon, Ste. H El Paso, TX 79932
Tel (915) 585-3443
Fax (915) 585-4944

Company Name: Phone #: 915-859-8150
Cell #:
D&H Petroleum & Environmental Services
Address: (Street, City, Zip) Fax #:
1221 Tower Trail Ln, El Paso TX 79907 E-mail: vajala@dhpump.com
Contact Person:
Victor Ayala

LAB Order ID # 13091007
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Name: Linda Armstrong 575-233-3620
Project Location (including state): Dona Ana Dairies Consortium
Various Dairies, Dona Ana County, NM
Project #: 422543
Sampler Signature: *JWS*

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | | PRESERVATIVE METHOD | | | | | SAMPLING | | TIME | | |
|--------|------------|--------------|---------------|--------|------|-----|--------|---------------------|------------------|--------------------------------|------|-----|----------|------|------|--------|-------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | | TIME | |
| DAD-01 | | 1 | | X | | | | X | | | | | X | | | | |
| DAD-01 | | 1 | | X | | | | X | | | | | X | | | | |
| DAD-02 | | 1 | 250 | X | | | | X | | | | | X | | | 9-9-13 | 12:30 |
| DAD-02 | | 1 | 250 | X | | | | X | | | | | X | | | 9-9-13 | 12:30 |
| DAD-03 | | 1 | | X | | | | X | | | | | X | | | | |
| DAD-03 | | 1 | | X | | | | X | | | | | X | | | | |
| DAD-04 | | 1 | | X | | | | X | | | | | X | | | | |
| DAD-04 | | 1 | | X | | | | X | | | | | X | | | | |
| DAD-05 | | 1 | | X | | | | X | | | | | X | | | | |
| DAD-05 | | 1 | | X | | | | X | | | | | X | | | | |
| DAD-06 | | 1 | | X | | | | X | | | | | X | | | | |
| DAD-06 | | 1 | | X | | | | X | | | | | X | | | | |
| DAD-07 | | 1 | | X | | | | X | | | | | X | | | | |
| DAD-07 | | 1 | | X | | | | X | | | | | X | | | | |
| DAD-08 | | 1 | | X | | | | X | | | | | X | | | | |
| DAD-08 | | 1 | | X | | | | X | | | | | X | | | | |

Relinquished By: *JWS* Date: 9-9-13
 Received at Laboratory By: *WLC TREP* Date: 9-9-13
 Received By: *WLC TREP* Date: 9-9-13
 Time: 11:30
 Time: 15:20
 Time: 9:15
 Intact Y N
 Headspace Y N
 Temp *4*
 Log-in Review

| ANALYSIS REQUEST | Lab Use Only | Remarks: |
|--------------------------------------------------|--------------|---------------|
| MTBE 8021B/602 | | <i>on ice</i> |
| BTEX 8021B/602 | | |
| TPH 418.1 / TX1005 | | |
| TX 1005 Extended (C35) | | |
| PAH 8270C | | |
| PAH 8270 (Low Level Analysis) | | |
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | | |
| Nitrates EPA 300 | X | |
| TKN SM 4500 NORG C | X | |
| Chloride EPA 300 | X | |
| Total Dissolved Solids SM 2540 C MOD | X | |
| Turn Around Time | | |
| Hold | | |

Remarks: *on ice*
25 HPLC 33721
4/4/13
 Dry Weight Basis Required
 TRRP Report Required
Carry In

155 McCutcheon, Ste. H
 El Paso, TX 79932
 Tel (915) 585-3443
 Fax (915) 585-4944
 915-859-8150

TraceAnalysis, Inc.
 Company Name: _____
 D&H Petroleum & Environmental Services
 Address: (Street, City, Zip)
 1221 Tower Trail Ln, El Paso TX 79907
 Contact Person: _____
 Victor Ayala
 Invoice to (if different from above):
 Dona Ana Dairies, PO Box 10, Mesquite, NM 88048
 Project #: 422543
 Project Location (including state):
 Various Dairies, Dona Ana County, NM

Phone #: _____
 Cell #: _____
 Fax #: _____
 E-mail: vajala@dhpump.com
 Project Name:
 Dona Ana Dairies Consortium
 Sampler Signature: [Signature]

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | PRESERVATIVE METHOD | | | | | SAMPLING | | | | |
|-------|------------|--------------|---------------|--------|-----|--------|---------------------|------------------|--------------------------------|------|-----|----------|------|--------|-------|--|
| | | | | WATER | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | TIME | | |
| | DAD-09 | 1 | | X | | | X | | | | X | | | | | |
| | DAD-09 | 1 | | X | | | X | | | | X | | | | | |
| | DAD-10 | 1 | | X | | | X | | | | X | | | | | |
| | DAD-10 | 1 | | X | | | X | | | | X | | | | | |
| | DAD-11 | 1 | 250 | X | | | X | | | | X | | | 9-9-13 | 14:29 | |
| | DAD-11 | 1 | 250 | X | | | X | | | | X | | | 9-9-13 | 14:29 | |
| | DAD-12 | 1 | | X | | | X | | | | X | | | | | |
| | DAD-12 | 1 | | X | | | X | | | | X | | | | | |
| | DAD-13 | 1 | 250 | X | | | X | | | | X | | | 9-9-13 | 14:50 | |
| | DAD-13 | 1 | 250 | X | | | X | | | | X | | | 9-9-13 | 14:50 | |
| | DAD-14 | 1 | 250 | X | | | X | | | | X | | | 9-9-13 | 14:01 | |
| | DAD-14 | 1 | 250 | X | | | X | | | | X | | | 9-9-13 | 14:01 | |
| | DAD-15 | 1 | | X | | | X | | | | X | | | | | |
| | DAD-15 | 1 | | X | | | X | | | | X | | | | | |
| | DAD-16 | 1 | 250 | X | | | X | | | | X | | | 9-9-13 | 11:56 | |
| | DAD-16 | 1 | 250 | X | | | X | | | | X | | | 9-9-13 | 11:56 | |

| LAB # | Field Code | # Containers | Volume/Amount | MATRIX | | | PRESERVATIVE METHOD | | | | | SAMPLING | | Turn Around Time | | |
|-------|------------|--------------|---------------|--------|-----|--------|---------------------|------------------|--------------------------------|------|-----|----------|------|------------------|-------|--|
| | | | | WATER | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE | | TIME | |
| | DAD-09 | 1 | | X | | | X | | | | X | | | | | |
| | DAD-09 | 1 | | X | | | X | | | | X | | | | | |
| | DAD-10 | 1 | | X | | | X | | | | X | | | | | |
| | DAD-10 | 1 | | X | | | X | | | | X | | | | | |
| | DAD-11 | 1 | 250 | X | | | X | | | | X | | | 9-9-13 | 14:29 | |
| | DAD-11 | 1 | 250 | X | | | X | | | | X | | | 9-9-13 | 14:29 | |
| | DAD-12 | 1 | | X | | | X | | | | X | | | | | |
| | DAD-12 | 1 | | X | | | X | | | | X | | | | | |
| | DAD-13 | 1 | 250 | X | | | X | | | | X | | | 9-9-13 | 14:50 | |
| | DAD-13 | 1 | 250 | X | | | X | | | | X | | | 9-9-13 | 14:50 | |
| | DAD-14 | 1 | 250 | X | | | X | | | | X | | | 9-9-13 | 14:01 | |
| | DAD-14 | 1 | 250 | X | | | X | | | | X | | | 9-9-13 | 14:01 | |
| | DAD-15 | 1 | | X | | | X | | | | X | | | | | |
| | DAD-15 | 1 | | X | | | X | | | | X | | | | | |
| | DAD-16 | 1 | 250 | X | | | X | | | | X | | | 9-9-13 | 11:56 | |
| | DAD-16 | 1 | 250 | X | | | X | | | | X | | | 9-9-13 | 11:56 | |

ANALYSIS REQUEST

MTBE 8021B/602
 BTEX 8021B/602
 TPH 418.1 / TX1005
 TX 1005 Extended (C35)
 PAH 8270C
 PAH 8270 (Low Level Analysis)
 Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7
 Nitrates EPA 300
 TKN SM 4500 NORGC
 Chloride EPA 300
 Total Dissolved Solids SM 2540 C MOD

Lab Use Only
 Intact Y / N
 Headspace Y / N
 Temp 45
 Log-in Review

Relinquished By: [Signature] Date: 9-9-13 Time: _____
 Relinquished By: [Signature] Date: 9-9-13 Time: 16:30

Received By: [Signature] Date: 9-9-13 Time: 15:20
 Received at Laboratory By: [Signature] Date: 9/9/13 Time: 9:15

Remarks: on ice
LS 48633721 4.4
4.3
 Dry Weight Basis Required
 TRRP Report Required

Carry In

6701 Aberdeen, Ste. 9
Lubbock, TX 79424
Tel (806) 794-1296
Fax (806) 794-1298

TraceAnalysis, Inc.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 19091007

Company Name: D&H Petroleum & Environmental Services
 Address: (Street, City, Zip) 1221 Tower Trail Ln, El Paso TX 79907
 Contact Person: Victor Ayala
 Phone #: 915-859-8150
 Cell #: vajala@dhpump.com
 Fax #: vajala@dhpump.com
 E-mail: vajala@dhpump.com

Project Name: Linda Armstrong 575-233-3620
 Project #: 922543
 Project Location (including state): Dona Ana Dairies, PO Box 10, Mesquite, NM 88048
 Sampler Signature: [Signature]

| LAB # (LAB USE ONLY) | Field Code | # Containers | Volume/Amount | MATRIX | | | PRESERVATIVE METHOD | | | | | SAMPLING | | |
|-------------------------|------------|--------------|---------------|--------|------|-----|---------------------|-----|------------------|--------------------------------|------|----------|--------|-------|
| | | | | WATER | SOIL | AIR | SLUDGE | HCl | HNO ₃ | H ₂ SO ₄ | NaOH | ICE | NONE | DATE |
| <u>341538</u> | DAD-17 | 1 | 250 | X | | | | X | X | X | X | X | 9-9-13 | 10:35 |
| <u>341539</u> | DAD-17 | 1 | ↓ | X | | | | X | X | X | X | X | 9-9-13 | 10:35 |
| <u>341540</u> | DAD-18 | 1 | ↓ | X | | | | X | X | X | X | X | 9-9-13 | 11:24 |
| <u>341541</u> | DAD-18 | 1 | ↓ | X | | | | X | X | X | X | X | 9-9-13 | 11:24 |
| <u>341542</u> | DAD-19 | 1 | ↓ | X | | | | X | X | X | X | X | 9-9-13 | 9:53 |
| <u>341543</u> | DAD-19 | 1 | ↓ | X | | | | X | X | X | X | X | 9-9-13 | 9:53 |
| <u>341544</u> | DAD-20 | 1 | ↓ | X | | | | X | X | X | X | X | | |
| <u>341545</u> | DAD-20 | 1 | ↓ | X | | | | X | X | X | X | X | | |
| <u>341546</u> | DAD-21 | 1 | ↓ | X | | | | X | X | X | X | X | | |
| <u>341547</u> | DAD-21 | 1 | ↓ | X | | | | X | X | X | X | X | | |
| <u>341548</u> | DAD-22 | 1 | ↓ | X | | | | X | X | X | X | X | | |
| <u>341549</u> | DAD-22 | 1 | ↓ | X | | | | X | X | X | X | X | | |

Relinquished By: [Signature] Date: 9-9-13 Time: 14:30
 Relinquished By: Thorsten Meitus Date: 9-9-13 Time: 14:30
 Received By: MM TREP Date: 9-9-13 Time: 15:20
 Received at Laboratory By: Brendy TA Date: 9/10/13 Time: 9:15
Wendy
 Lab Use Only
 Intact Y / N
 Headspace Y / N
 Temp 4
 Log-in Review A

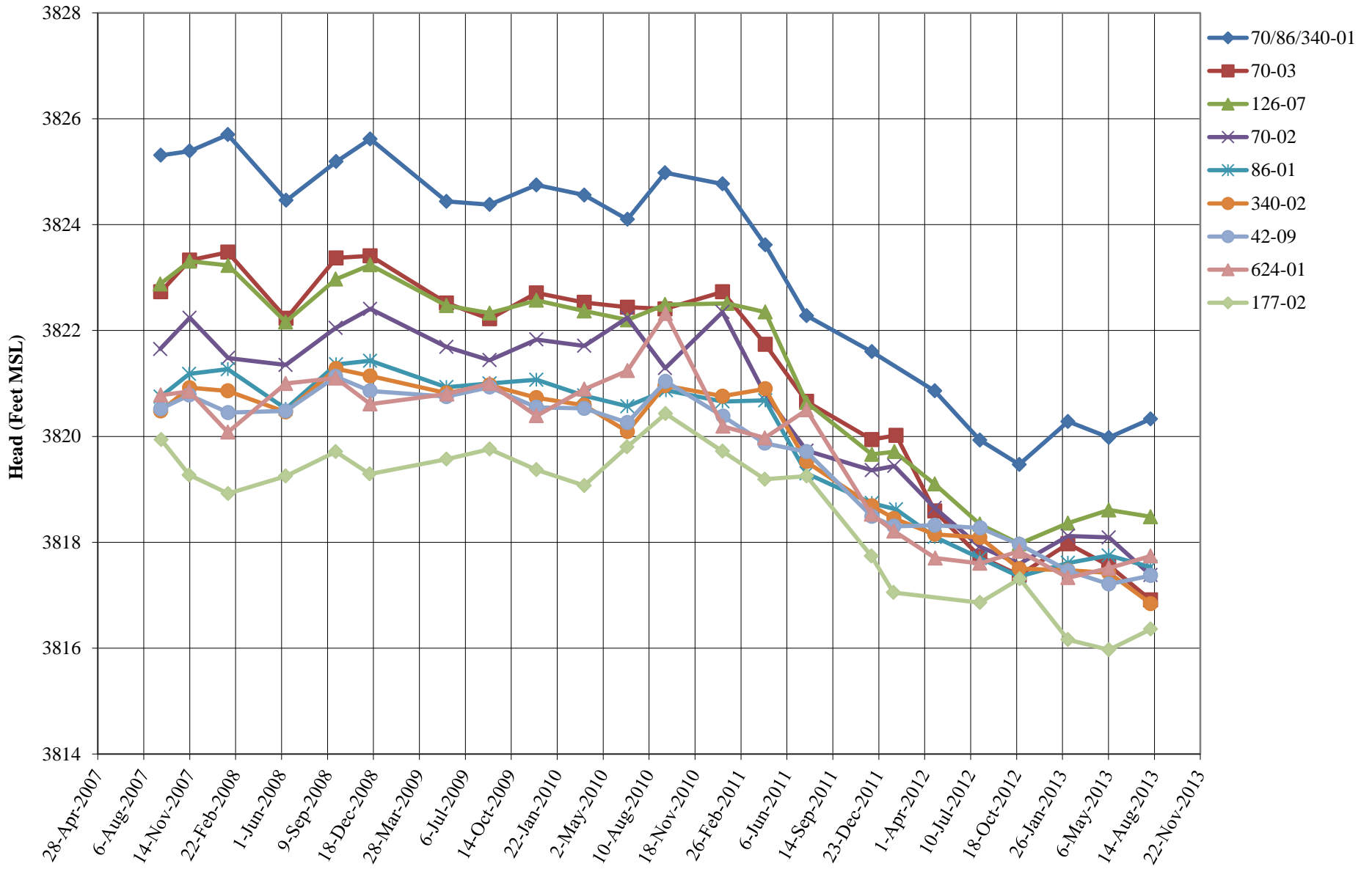
ANALYSIS REQUEST

| Method | PAH 8270 (Low Level Analysis) | PAH 8270C | TX 1005 Extended (C35) | TPH 418.1 / TX1005 | BTEX 8021B/602 | MTBE 8021B/602 |
|--------------------------------------------------|-------------------------------|-----------|------------------------|--------------------|----------------|----------------|
| Total Metals Ag As BA Cd Cr Pb Se Hg 6010B/200.7 | X | | | | | |
| Nitrates EPA 300 | X | | | | | |
| TKN SM 4500 NORG C | X | | | | | |
| Chloride EPA 300 | X | | | | | |
| Total Dissolved Solids SM 2540 C MOD | X | | | | | |
| Turn Around Time | | | | | | |
| Hold | | | | | | |

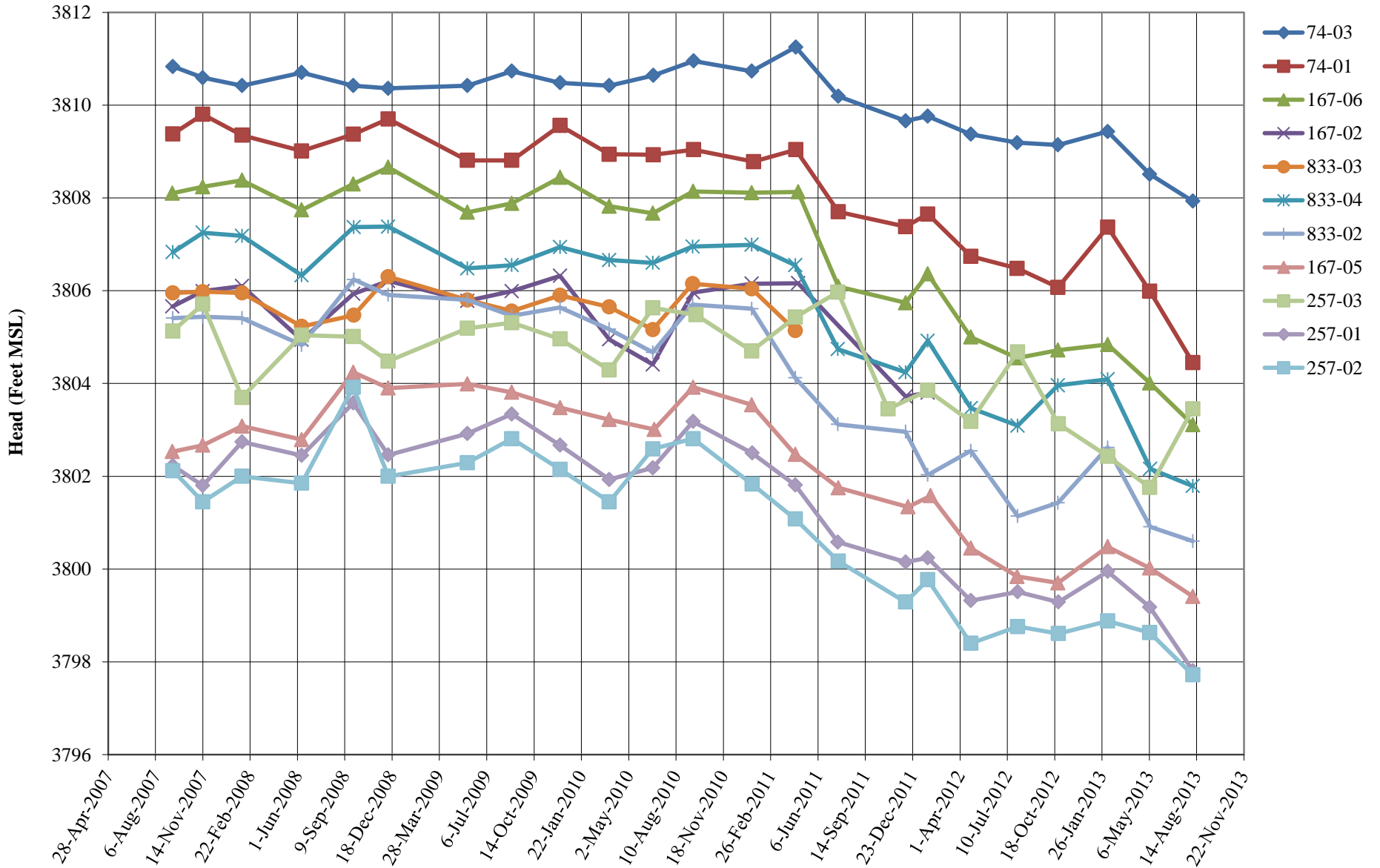
Remarks: on Ice
LS 48633721
4.4/4.3
 Dry Weight Basis Required
 TRRP Report Required
Carry In

**APPENDIX C
HYDROGRAPHS**

HYDROGRAPHS FOR DP MONITORING WELLS NORTHERN PORTION

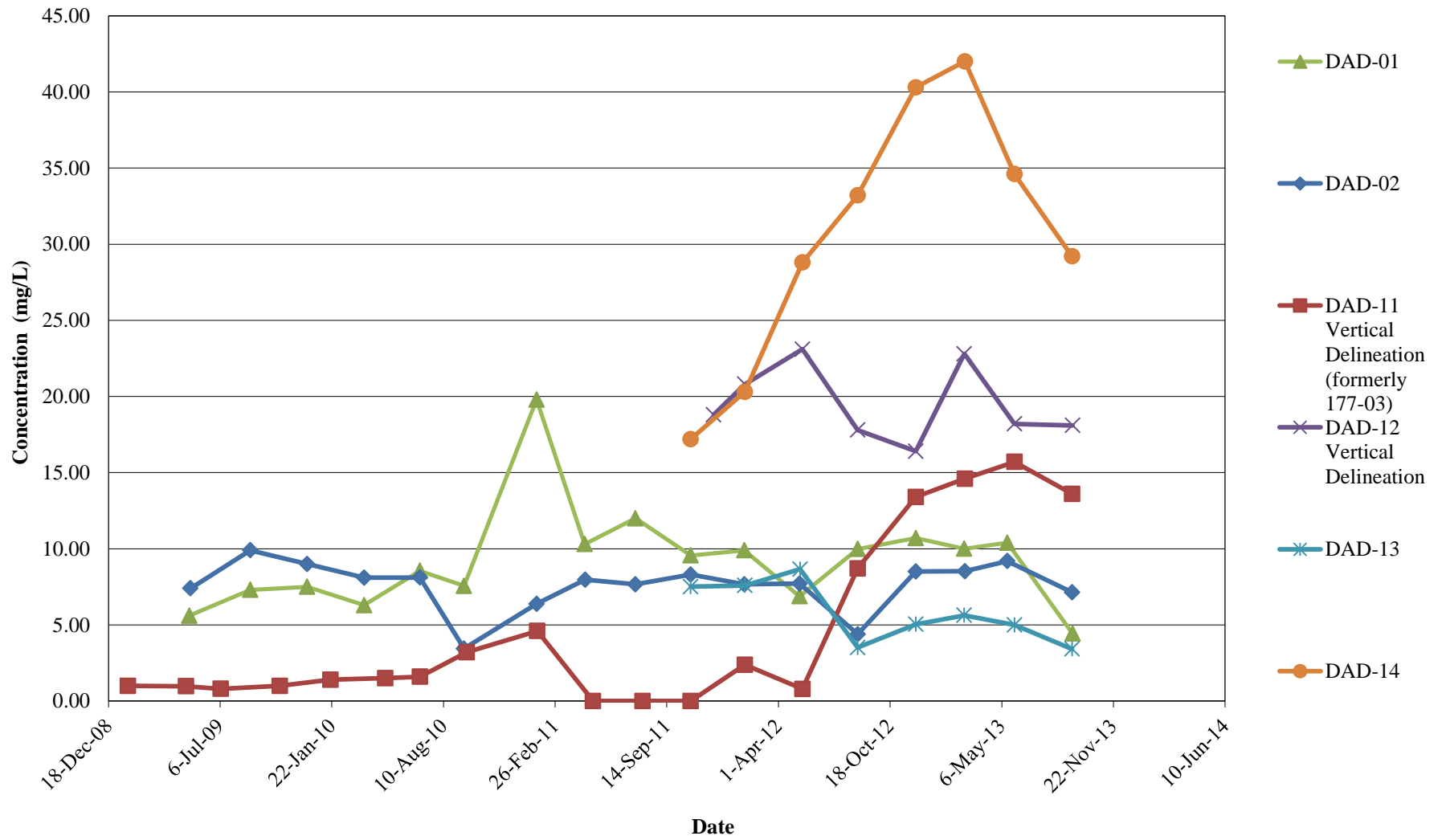


HYDROGRAPHS FOR DP MONITORING WELLS CENTRAL PORTION

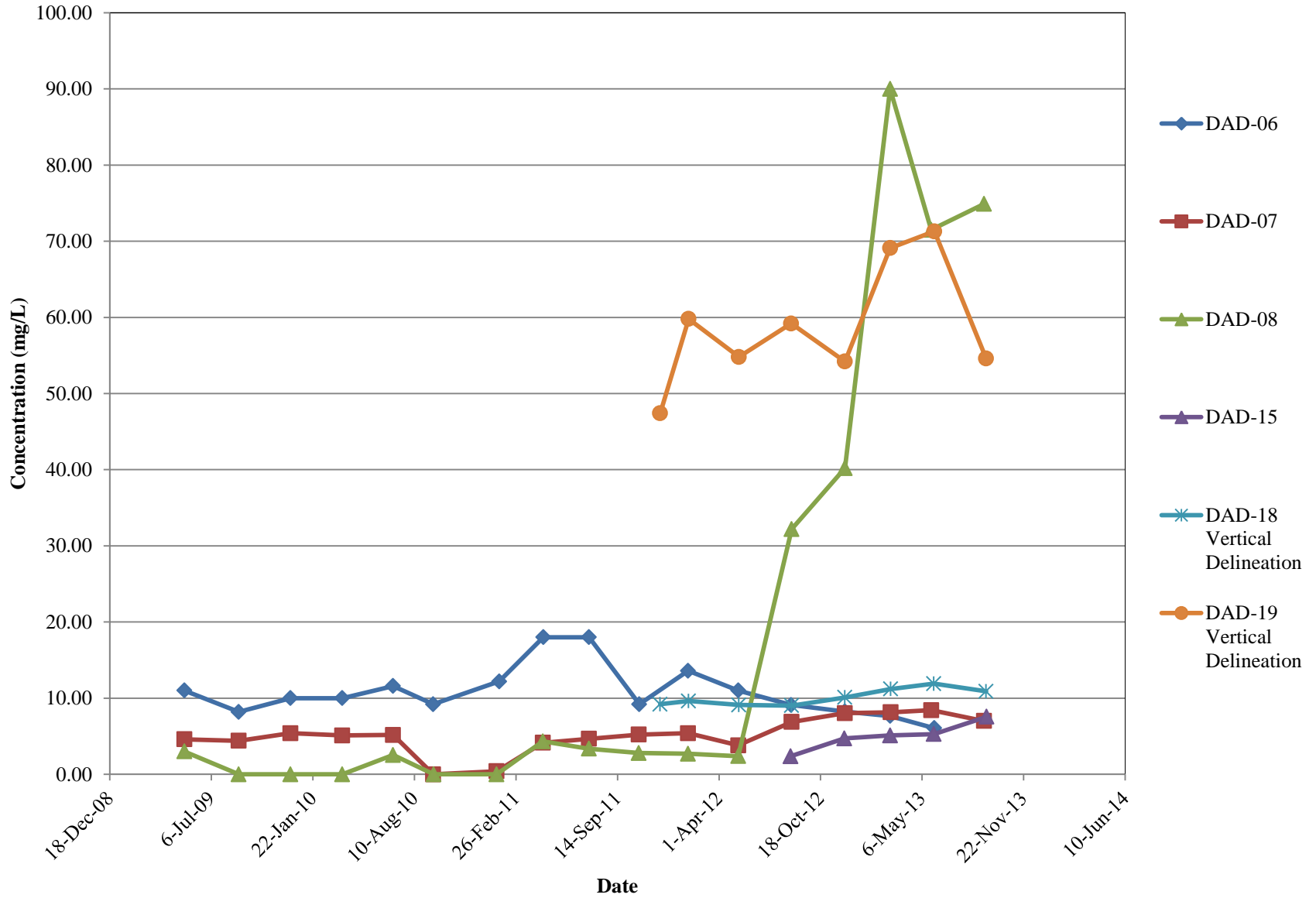


APPENDIX D
CONCENTRATION TRENDS

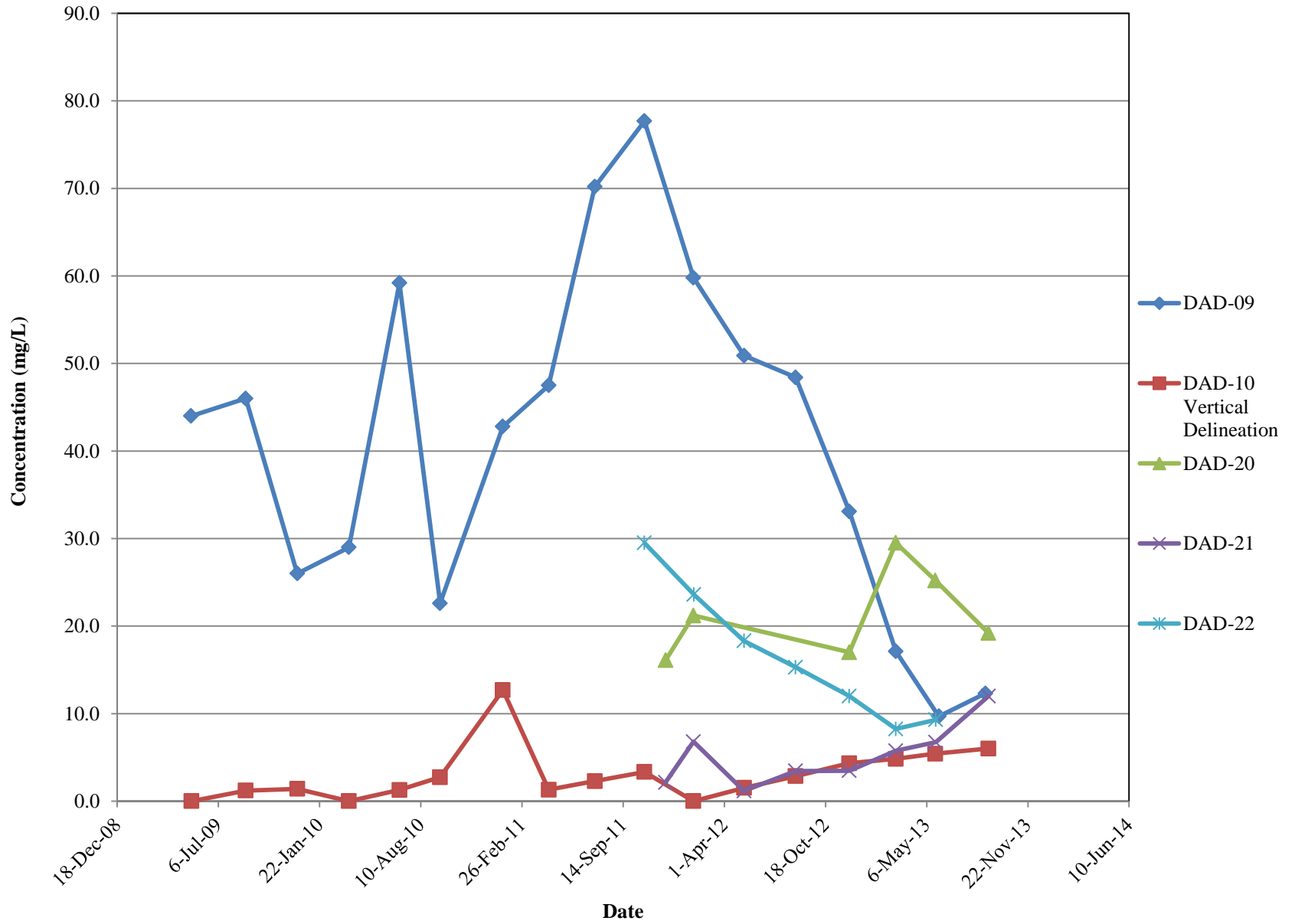
NITRATE CONCENTRATION TRENDS IN SELECT NORTHERN DAD MONITORING WELLS



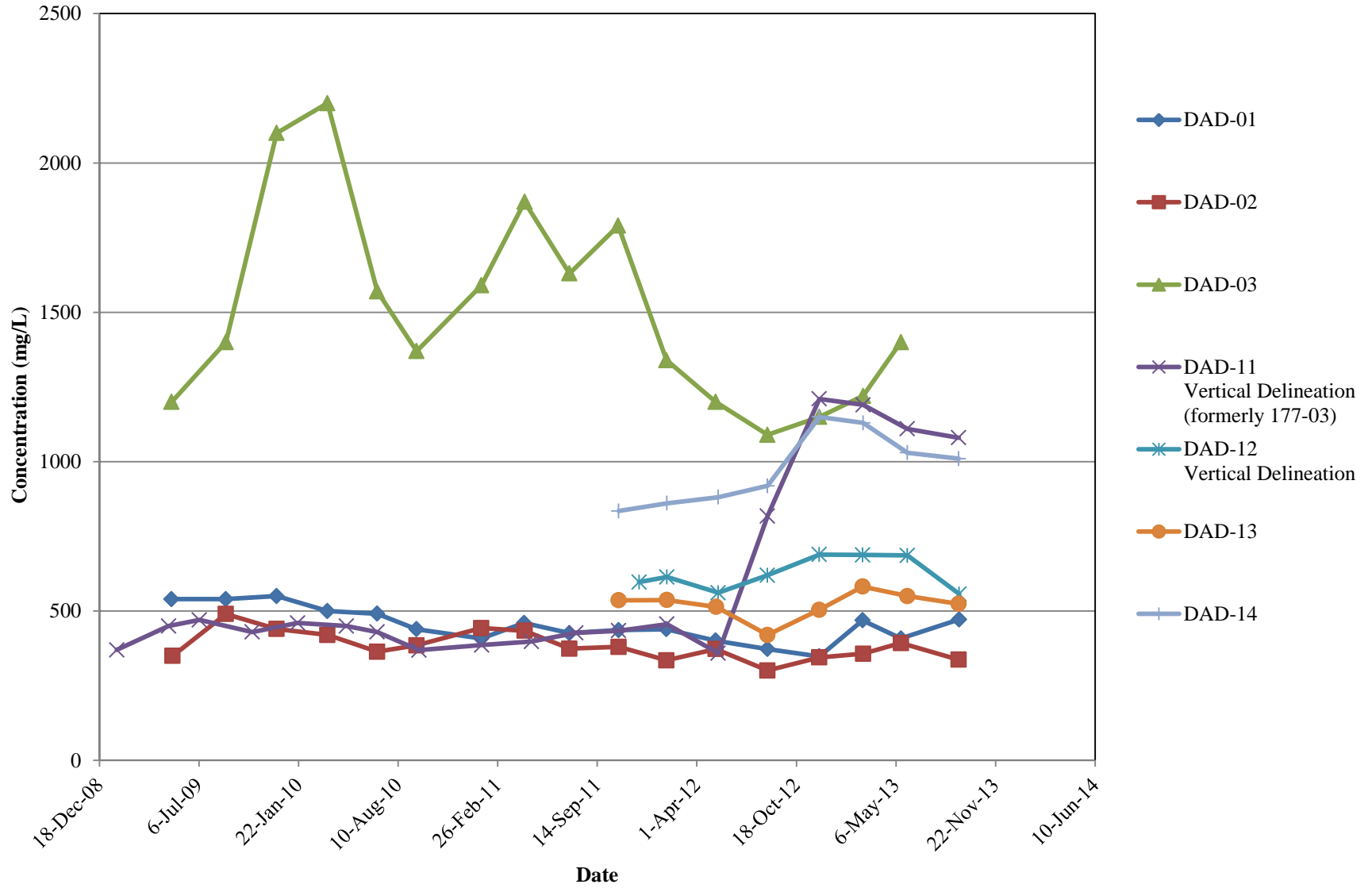
NITRATE CONCENTRATION TRENDS IN SELECT CENTRAL DAD WELLS



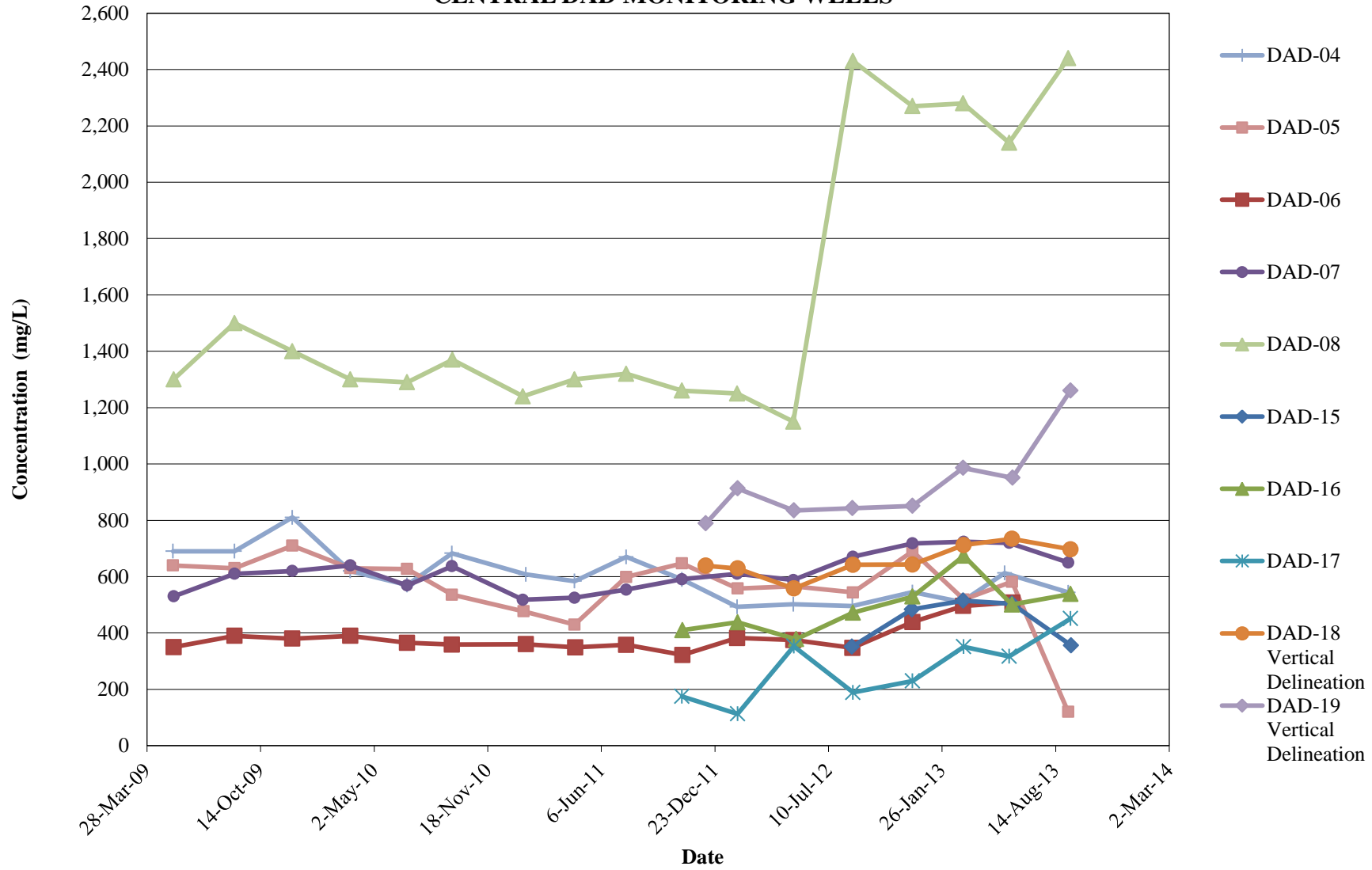
NITRATE CONCENTRATION TRENDS IN SELECT SOUTHERN DAD WELLS



CHLORIDE CONCENTRATION TRENDS NORTHERN DAD WELLS



CHLORIDE CONCENTRATION TRENDS CENTRAL DAD MONITORING WELLS



CHLORIDE CONCENTRATION TRENDS SOUTHERN DAD WELLS

