

BW - _____035_____

**ENVIRONMENTAL
ANALYTICAL
DATA**

BW – 35

Quarterly Analysis

April 27, 2018

DARR ANGELL

LLANO BRINE

P. O. BOX 250

LOVINGTON, NM 88260

RE: WATER SAMPLES

Enclosed are the results of analyses for samples received by the laboratory on 04/26/18 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 LLANO BRINE
 DARR ANGELL
 P. O. BOX 250
 LOVINGTON NM, 88260
 Fax To:

 Received: 04/26/2018
 Reported: 04/27/2018
 Project Name: WATER SAMPLES
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 04/26/2018
 Sampling Type: Water
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: FRESH WATER (H801168-01)

| Chloride, SM4500Cl-B | | mg/L | Analyzed By: CK | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride* | 128 | 4.00 | 04/27/2018 | ND | 100 | 100 | 100 | 0.00 | |

Sample ID: BRINE WATER (H801168-02)

| Chloride, SM4500Cl-B | | mg/L | Analyzed By: CK | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride* | 188000 | 4.00 | 04/27/2018 | ND | 100 | 100 | 100 | 0.00 | |

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

| | |
|-------|--|
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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