RICE Operating Company

112 West Taylor • Hobbs, New Mexico 88240 Phone: (575) 393-9174 • Fax: (575) 397-1471

April 1, 2023

REVIEWED

By Mike Buchanan at 3:21 pm, Jun 30, 2023

Nelson Velez

New Mexico Energy, Minerals, & Natural Resources Oil Conservation Division, Environmental Bureau 1220 S. St. Francis Drive Santa Fe, New Mexico 87505 Review of the 2022 Annual Groundwater Report for ROC BD Jct. B-4-2: **Content Satisfactory** 1 Continue to conduct groundwater sampling per plan. 2. Submit 2023 Annual GW Report by April 1, 2024

RE: 2022 Annual Groundwater Report Rice Operating Company – BD SWD System BD Jct. B-4-2 (1R426-204): UL/B, Sec. 4, T22S, R37E

Mr. Velez:

RICE Operating Company (ROC) is the service provider (agent) for the BD SWD System and has no ownership of any portion of the pipeline, well, or facility. The system is owned by a consortium of oil producers, System Parties, who provide all operating capital on a percentage ownership/usage basis.

Background and Previous Work

The site is located approximately 1 mile south of Eunice, New Mexico at UL/B, Sec. 4, T22S, R37E as shown on the Geographic Location Map. Monitoring wells installed at the site confirmed groundwater is located at a depth of 92 feet below ground surface (bgs).

In 2008, ROC initiated work on the former B-4-2 junction box. The site was delineated using a backhoe to form a 30x25x12-ft deep excavation and soil samples were screened at regular intervals for both hydrocarbon and chloride. The excavated soil was blended on site, and representative samples were collected from the excavation walls (4-wall comp), excavation bottom (bottom comp), and the blended excavated soil (backfill comp). Each sample was sent to a commercial laboratory for analysis of chloride and TPH, resulting in elevated concentrations. The excavation was backfilled with the blended excavated soil up to 5 ft bgs, and a 5 ft shelf was excavated to the east and west. At 5–4 ft bgs, a 40x25x1-ft thick compacted clay barrier was installed. The clay layer will provide a barrier that will inhibit the downward migration of chloride to groundwater. The remaining blended excavated soil was returned to the excavation and the site was contoured to the surrounding area.

An ICP was submitted to NMOCD on May 4th, 2015 and approved on May 7th, 2015. A total of eleven soil bores were drilled at the site on September 28th and 29th, 2015 and June 13th, 14th, 17th, 2016 and October 19th, 2016. As the bores were advanced, soil samples were collected at regular intervals and field tested for chloride and hydrocarbon. Representative samples from each bore were sent to a commercial laboratory for confirmatory analysis. Each bore hole was plugged with bentonite to ground surface.

A Corrective Action Plan (CAP) was submitted to the NMOCD and approved on June 30th, 2017. According to the NMOCD approved CAP, a 20-mil reinforced liner with the modified dimensions of 113x70-ft was installed and properly seated at a depth of 4.5 ft bgs. The site was backfilled and seeded with a blend of native vegetation. A CAP Report and Soil Closure Request detailing this work was submitted to NMOCD on November 9th, 2017. NMOCD approved and 'Soil Closure' on December 11th, 2017.

Between November 13th-15th, 2018, three monitoring wells (MW-1, MW-2, and MW-3) were installed at the site. Lithology soil samples were collected at regular intervals. The wells were developed and have been sampled quarterly since installation. Groundwater chloride concentrations have remained low in each well. The most recent sampling event resulted in a chloride concentration of 280 mg/L in MW-1, 132 mg/L in MW-2, and 220 mg/L in MW-3. BTEX concentrations have remained below detectable limit in each well since installation. In 2020, ROC received NMOCD approval to cease BTEX sampling. On February 4th, 2022, NMOCD granted approval to cease sampling of both MW-2 and MW-3. ROC will continue quarterly sampling in 2023 and will continue to grab samples from MW-2 and MW-3, as necessary.

Attached is the Appendix, which contains:

- 1. A Geographic Location Map.
- 2. A map showing well locations.
- 3. A table presenting all laboratory results and depth to groundwater for each well at the site, and a graph showing recent laboratory results.
- 4. The laboratory analytical results for 2022.

Rice Operating Company appreciates the opportunity to work with you on this project. Please contact me at (575) 393-9174 if you have any questions or wish to further discuss this site. Thank you for your time and consideration.

Sincerely,

Katil Davis

Katie Davis Environmental Manager RICE Operating Company

appendix

Received by OCD: 3/30/2023 9:41:53 Geographic Location Map

Page 3 of 29



Released to Imaging: 6/30/2023 3:28:10 PM



Released to Imaging: 6/30/2023 3:28:10 PM

ROC - BD Jct. B-4-2 (1R426-204) Unit Letter B, Section 4, T22S, R37E

| MW | Depth to | Total | Well | Volume | Sample Date | Cl | TDS | Benzene | Toluene | Ethyl | Total | Sulfate | Comments |
|----|----------|-------|--------|--------|-------------|-----|-------|---------|---------|---------|---------|---------|---------------|
| | Water | Depth | Volume | Purged | | | | | | Benzene | Xylenes | | |
| 1 | 92.83 | 137.9 | 30 | 100 | 12/24/2018 | 180 | 759 | <0.001 | <0.001 | <0.001 | <0.003 | 272 | Clear No odor |
| 1 | 92.5 | 137.9 | 29.5 | 100 | 2/7/2019 | 188 | 841 | <0.001 | <0.001 | <0.001 | <0.003 | 349 | Clear No odor |
| 1 | 92.63 | 137.9 | 29.4 | 100 | 4/24/2019 | 232 | 866 | <0.001 | <0.001 | <0.001 | <0.003 | 151 | Clear No odor |
| 1 | 92.56 | 137.9 | 29.5 | 100 | 7/24/2019 | 200 | 1,030 | <0.001 | <0.001 | <0.001 | <0.003 | 291 | Clear No odor |
| 1 | 92.41 | 137.9 | 29.6 | 100 | 10/29/2019 | 176 | 963 | <0.001 | <0.001 | <0.001 | <0.003 | 253 | Clear No odor |
| 1 | 92.4 | 137.9 | 29.6 | 100 | 2/19/2020 | 260 | 983 | <0.0005 | <0.0005 | <0.0005 | <0.002 | 117 | Clear No odor |
| 1 | 92.43 | 137.9 | 29.6 | 100 | 5/28/2020 | 248 | 751 | XXX | XXX | XXX | XXX | 189 | Clear No odor |
| 1 | 92.34 | 137.9 | 29.6 | 100 | 8/25/2020 | 252 | 1,010 | XXX | XXX | XXX | XXX | 196 | Clear No odor |
| 1 | 92.35 | 137.9 | 29.6 | 100 | 10/29/2020 | 248 | 871 | XXX | XXX | XXX | XXX | 137 | Clear No odor |
| 1 | 92.29 | 137.9 | 30 | 100 | 2/10/2021 | 252 | 965 | XXX | XXX | XXX | XXX | 191 | Clear No odor |
| 1 | 92.3 | 137.9 | 30 | 100 | 5/12/2021 | 256 | 1,020 | XXX | XXX | XXX | XXX | 227 | Clear No odor |
| 1 | 92.28 | 137.9 | 30 | 100 | 8/13/2021 | 256 | 1,000 | XXX | XXX | XXX | XXX | 182 | Clear No odor |
| 1 | 92.15 | 137.9 | 30 | 100 | 10/19/2021 | 268 | 986 | XXX | XXX | XXX | XXX | 146 | Clear No odor |
| 1 | 92.19 | 137.9 | 30 | 100 | 2/1/2022 | 264 | 968 | XXX | XXX | XXX | XXX | 204 | Clear No odor |
| 1 | 92.23 | 137.9 | 30 | 100 | 5/6/2022 | 280 | 977 | XXX | XXX | XXX | XXX | 147 | Clear No odor |
| 1 | 92.35 | 137.9 | 30 | 100 | 8/18/2022 | 292 | 1,010 | XXX | XXX | XXX | XXX | 160 | Clear No odor |
| 1 | 92.39 | 137.9 | 30 | 100 | 11/1/2022 | 280 | 1,070 | XXX | XXX | XXX | XXX | 175 | Clear No odor |

| N // N // | Depth to | Total | Well | Volume | Sample Date | Cl TDS Benz | | Donzono | Taluana | Ethyl | Total | Sulfato | Comments |
|-----------|----------|--------|--------|--------|-------------|-------------|-----|---------|---------|---------|---------|---------|---------------|
| MW | Water | Depth | Volume | Purged | Sample Date | CI | 103 | Benzene | Toluene | Benzene | Xylenes | Suilate | Comments |
| 2 | 93.92 | 100.85 | 1.1 | 5 | 12/24/2018 | 120 | 574 | <0.001 | <0.001 | <0.001 | <0.003 | 179 | Clear No odor |
| 2 | 93.52 | 100.85 | 1.2 | 5 | 2/7/2019 | 92 | 650 | <0.001 | <0.001 | <0.001 | <0.003 | 155 | Clear No odor |
| 2 | 93.65 | 100.85 | 1.2 | 5 | 4/24/2019 | 88 | 646 | <0.001 | <0.001 | <0.001 | <0.003 | 124 | Clear No odor |
| 2 | 93.6 | 100.85 | 1.2 | 5 | 7/24/2019 | 80 | 577 | <0.001 | <0.001 | <0.001 | <0.003 | 180 | Clear No odor |
| 2 | 93.38 | 100.85 | 1.2 | 5 | 10/29/2019 | 80 | 569 | <0.001 | <0.001 | <0.001 | <0.003 | 101 | Clear No odor |

ROC - BD Jct. B-4-2 (1R426-204) Unit Letter B, Section 4, T22S, R37E

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments |
|----|-------------------|----------------|----------------|------------------|-------------|-----|-----|---------|---------|------------------|------------------|---------|---------------|
| 2 | 93.38 | 100.85 | 1.2 | 5 | 2/19/2020 | 92 | 598 | <0.0005 | <0.0005 | <0.0005 | <0.002 | 80.2 | Clear No odor |
| 2 | 93.41 | 100.85 | 1.2 | 5 | 5/28/2020 | 100 | 704 | XXX | XXX | XXX | XXX | 179 | Clear No odor |
| 2 | 93.32 | 100.85 | 1.2 | 5 | 8/25/2020 | 88 | 647 | XXX | XXX | XXX | XXX | 134 | Clear No odor |
| 2 | 93.38 | 100.85 | 1.2 | 5 | 10/29/2020 | 84 | 500 | XXX | XXX | XXX | XXX | 117 | Clear No odor |
| 2 | 92.29 | 100.85 | 1.2 | 5 | 2/10/2021 | 92 | 593 | XXX | XXX | XXX | XXX | 130 | Clear No odor |
| 2 | 93.34 | 100.85 | 1.2 | 5 | 5/12/2021 | 124 | 522 | XXX | XXX | XXX | XXX | 113 | Clear No odor |
| 2 | 93.33 | 100.85 | 1.2 | 5 | 8/13/2021 | 132 | 645 | XXX | XXX | XXX | XXX | 87.8 | Clear No odor |
| 2 | 93.21 | 100.85 | 1.2 | 5 | 10/19/2021 | 140 | 635 | XXX | XXX | XXX | XXX | 78.2 | Clear No odor |
| 2 | 93.18 | 100.85 | 1.5 | 5 | 2/1/2022 | 128 | 596 | XXX | XXX | XXX | XXX | 115 | Clear No odor |
| 2 | 93.25 | 100.85 | 1.5 | 5 | 5/6/2022 | 80 | 606 | XXX | XXX | XXX | XXX | 113 | Clear No odor |
| 2 | 93.36 | 100.85 | 1.2 | 5 | 8/18/2022 | 100 | 666 | XXX | XXX | XXX | XXX | 137 | Clear No odor |
| 2 | 93.4 | 100.85 | 1.2 | 5 | 11/1/2022 | 132 | 666 | XXX | XXX | XXX | XXX | 111 | Clear No odor |

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Sample Date Cl | | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments |
|----|-------------------|----------------|----------------|------------------|-------------|----------------|-------|---------|---------|------------------|------------------|---------|---------------|
| 3 | 89.58 | 101.35 | 1.9 | 6 | 12/24/2018 | 220 | 807 | <0.001 | <0.001 | <0.001 | <0.003 | 187 | Clear No odor |
| 3 | 89.28 | 101.35 | 1.9 | 6 | 2/7/2019 | 216 | 916 | <0.001 | <0.001 | <0.001 | <0.003 | 177 | Clear No odor |
| 3 | 89.38 | 101.35 | 1.9 | 6 | 4/24/2019 | 228 | 906 | <0.001 | <0.001 | <0.001 | <0.003 | 144 | Clear No odor |
| 3 | 89.34 | 101.35 | 1.9 | 6 | 7/24/2019 | 236 | 915 | <0.001 | <0.001 | <0.001 | <0.003 | 158 | Clear No odor |
| 3 | 89.19 | 101.35 | 1.9 | 6 | 10/29/2019 | 236 | 900 | <0.001 | <0.001 | <0.001 | <0.003 | 191 | Clear No odor |
| 3 | 89.15 | 101.35 | 2 | 6 | 2/19/2020 | 248 | 892 | <0.0005 | <0.0005 | <0.0005 | <0.002 | 91.2 | Clear No odor |
| 3 | 89.17 | 101.35 | 1.9 | 6 | 5/28/2020 | 236 | 944 | XXX | XXX | XXX | XXX | 188 | Clear No odor |
| 3 | 89.07 | 101.35 | 2 | 6 | 8/25/2020 | 228 | 936 | XXX | XXX | XXX | XXX | 140 | Clear No odor |
| 3 | 89.13 | 101.35 | 2 | 6 | 10/29/2020 | 248 | 824 | XXX | XXX | XXX | XXX | 141 | Clear No odor |
| 3 | 89.05 | 101.35 | 2 | 6 | 2/10/2021 | 180 | 890 | XXX | XXX | XXX | XXX | 259 | Clear No odor |
| 3 | 89.05 | 101.35 | 2 | 6 | 5/12/2021 | 264 | 965 | XXX | XXX | XXX | XXX | 206 | Clear No odor |
| 3 | 89.02 | 101.35 | 2 | 6 | 8/13/2021 | 264 | 1,310 | XXX | XXX | XXX | XXX | 152 | Clear No odor |

ROC - BD Jct. B-4-2 (1R426-204) Unit Letter B, Section 4, T22S, R37E

| MW | Depth to | Total | Well | Volume | Sample Date | CL | TDS | Benzene | Toluene | Ethyl | Total | Sulfate | Comments |
|----|----------|--------|--------|--------|-------------|-----|-------|----------|----------|---------|---------|---------|---------------|
| | Water | Depth | Volume | Purged | Sample Date | C | 103 | Delizene | Toluelle | Benzene | Xylenes | Sunate | comments |
| 3 | 88.88 | 101.35 | 2 | 6 | 10/19/2021 | 212 | 825 | XXX | XXX | XXX | XXX | 117 | Clear No odor |
| 3 | 88.97 | 101.35 | 2 | 6 | 2/1/2022 | 248 | 977 | XXX | XXX | XXX | XXX | 194 | Clear No odor |
| 3 | 89.02 | 101.35 | 2 | 6 | 5/6/2022 | 260 | 963 | XXX | XXX | XXX | XXX | 164 | Clear No odor |
| 3 | 89.11 | 101.35 | 2 | 6 | 8/18/2022 | 268 | 1,020 | XXX | XXX | XXX | XXX | 169 | Clear No odor |
| 3 | 89.15 | 101.35 | 2 | 6 | 11/1/2022 | 220 | 959 | XXX | XXX | XXX | XXX | 161 | Clear No odor |





November 10, 2022

KATIE JONES Rice Operating Company 112 W. Taylor Hobbs, NM 88240

RE: BD JUNCTION B-4-2

Enclosed are the results of analyses for samples received by the laboratory on 11/04/22 9:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



Rice Operating Company KATIE JONES 112 W. Taylor Hobbs NM, 88240 Fax To: (575) 397-1471

| Received: | 11/04/2022 | Sampling Date: | 11/01/2022 |
|-------------------|-------------------------------|---------------------|----------------|
| Reported: | 11/10/2022 | Sampling Type: | Water |
| Project Name: | BD JUNCTION B-4-2 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | T22S-R37E-SEC2 B-LEA CTY., NM | | |

Sample ID: MONITOR WELL #1 (H225215-01)

| Chloride, SM4500Cl-B | mg, | /L | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride* | 280 | 4.00 | 11/08/2022 | ND | 104 | 104 | 100 | 0.00 | |
| Sulfate 375.4 | mg, | /L | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Sulfate* | 175 | 50.0 | 11/07/2022 | ND | 19.6 | 98.0 | 20.0 | 4.22 | |
| TDS 160.1 | mg, | /L | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| TDS* | 1070 | 5.00 | 11/10/2022 | ND | 537 | 107 | 500 | 4.93 | |

Sample ID: MONITOR WELL #2 (H225215-02)

| Chloride, SM4500CI-B | mg, | /L | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride* | 132 | 4.00 | 11/08/2022 | ND | 104 | 104 | 100 | 0.00 | |
| Sulfate 375.4 | mg, | /L | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Sulfate* | 111 | 25.0 | 11/07/2022 | ND | 19.6 | 98.0 | 20.0 | 4.22 | |
| TDS 160.1 | mg, | /L | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| TDS* | 666 | 5.00 | 11/10/2022 | ND | 537 | 107 | 500 | 4.93 | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Rice Operating Company KATIE JONES 112 W. Taylor Hobbs NM, 88240 Fax To: (575) 397-1471

| Received: | 11/04/2022 | Sampling Date: | 11/01/2022 |
|-------------------|-------------------------------|---------------------|----------------|
| Reported: | 11/10/2022 | Sampling Type: | Water |
| Project Name: | BD JUNCTION B-4-2 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | T22S-R37E-SEC2 B-LEA CTY., NM | | |

Sample ID: MONITOR WELL #3 (H225215-03)

| Chloride, SM4500Cl-B | mg | /L | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride* | 220 | 4.00 | 11/08/2022 | ND | 104 | 104 | 100 | 0.00 | |
| Sulfate 375.4 | mg | /L | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Sulfate* | 161 | 50.0 | 11/07/2022 | ND | 19.6 | 98.0 | 20.0 | 4.22 | |
| TDS 160.1 | mg | /L | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| TDS* | 959 | 5.00 | 11/10/2022 | ND | 537 | 107 | 500 | 4.93 | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| 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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Paç | je_ | 1 | | of | 1 | _ |
|--|------------------|--------------|---------------------------|------|---|--------|-----------|------------------|------------------|----------|--|---|----|-------------|-------|-----------|----------------|--|-----------|--|----------------|---------------------|-----------------|--------------|---------------------|----------|----------------------------|----------------|----------------------|--------------|------------------|-------------------------|----------|------------------------|-----|-----------------------------|
| | | | | | | | | - | - | | - | _ | - | | Т | | | СН | AIN | 1-0 | F-(| CU | ST | OD | Y | AN | DA | N/ | ALY | /SI | SR | EC | QUE | ST | | |
| 101 East Marland - Hobbs, NM 88240 Tel (575) 393-2326 Fax (575) 393-2476 | al | L | al | b | or | a | to | r | ie | es, | the second second | and the second se | C | • | | | | _ | | LAB | - | - | - | - | | | | | | _ | | | | | _ | 5 of 5 |
| Company Name: | | BILL TO | | | pany: | ~ | | - | | | PC | D# | | | | | | | | | A | NA | LY | SI | SR | EC | | ES | Γ | | | | | | | Pade |
| RICE Operating Company | F | RICE | | Addr | | Co | mp | any | (3 | Street, | City | y, Zip) | - | | - | | | | | | (Ci | ircle | or | Spe | CITY | Me | thod | |).) | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Project Manager. | 1 | 22 W 1 | | | | Hobb | os. Ne | ew N | Aexio | co 882 | 40 | | | | | | | | | | | | | | | | | | | | | | | | | L |
| Katie Jones Address: (Street, City, Zip) | -ť | 22 11 | Contraction of the | Phor | A DESCRIPTION OF THE OWNER OF THE | | | | | | Fa | ax#: | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| Address: (Street, City, Zip) 122 W Taylor Street ~ Hobbs, New Mexico 88240 | | (575) | 39 | 3-9 | 174 | | | | | | (5 | 575) | 39 | 7-147 | 71 | | | | 000 | 07/2 | | | | | | | | | | | | | | | | |
| Phone #: Fax | x #: | | | | | | | | | | | | | | | | | (32) | 1010 | | | | | | | | | | | | | | | | | |
| 13/3/330-0114 | 75) | 397-' | 147 | 1 | | | | - | 7 | 2 | | | - | | - | | | bed (| | D P | | | | | | | | | | | | | | | | |
| Project #: Project Name: BD Junction B-4-2 | | | | | | / | | 1 | 1 | | _ | 2 | | | | | | end | | Se Ha | | | | | | | | | | | | | | | | |
| Project Location: | | | | Sam | pler | Signa | iture: | 1 | oza | ane Jo | ohn | son (5 | 75 | 631-93 | 10 | | | EX | 1 | PD PD | | | | | | a c | 2 | | | | | 03 | 3 | | | ours |
| T22S R37E Sec2 B ~ Lea County New Mexico | D | | | / | / | 4 | ~ | 1 | 2 | ~ | | - | - | | _ | | | 1005 | | Ca Cr | | | | | | 90 | 0/00 | | | | 5 | 214 | | | | 4 H |
| 14225215 | Τ | | 1 | M | ATR | x | 4 | | | ETHO | DD | _ | \$ | SAMPL | ING | ~ | | 05 / TX | | Ac Ba C | an or | iles | | | DR/R24 | 10000 | 01. 8270 | | A/608 | | nt Ma | g, Na, | 4, 000 | I Solids | | me ~ 2 |
| LAB # FIELD CODE | (G)rab or (C)omp | # CONTAINERS | | | | ш | | (WON I MON) | | 4 | | NONE | | 2022) | | 8021B/602 | BTEX 8021B/602 | TPH 418.1/TX1005 / TX1005 Extended (C35) | 70C | Total Metals Ag As Ba Cd Cr Pb Se Hg 601005200. Troi D Models Ag As Ba Cd Cr Pb Se Hg | TOLP Melais Ay | TCLP Semi Volatiles | TCLP Pesticides | | CCMAC Vol 8260B/624 | VOI. 040 | GC/MS Semi. Vol. 82/UC/625 | PCB's 8082/608 | Pesticides 8081A/608 | BOD, TSS, pH | Moisture Content | Cations (Ca, Mg, Na, K) | S (U, 00 | Total Dissolved Solids | des | Turn Around Time ~ 24 Hours |
| (LAB USE) | G)rab or | CONT | WATER | SOIL | AIR | SLUDGE | | HCL (2 40ml VOA) | HNO ₃ | NaHSO4 | 12004 | NONE (1-1 | | DATE (2022) | TIME | MTBE 8 | BTEX 8 | TPH 41 | PAH 8270C | Total M | | TCLPS | TCLPF | BCI | | | GC/MS | PCB's | Pestici | BOD, | Moistu | Cation | _ | | - | - |
| | G | 1 | X | - | | 0,2 | | - | | | - | 1 | | 11/1 1 | 5:00 | | | | | | \perp | 1 | | \downarrow | + | + | + | - | | + | + | + | - | XX | - | + |
| (monitor from #1 | G | 1 | x | - | + | | | | | | T | 1 | T | 11/1 1 | 10:00 | | | | | | \downarrow | \perp | \perp | \perp | + | + | + | _ | | + | + | + | _ | x x | + | |
| | G | 1 | X | - | + | | | | | | T | 1 | T | 11/1 1 | 11:45 | 5 | | | | | \downarrow | 1 | \perp | \perp | + | + | \rightarrow | _ | | \vdash | + | + | + | x | x) | 4 |
| 3 Monitor Well #3 | Ŭ | <u> </u> | 1 | T | | | | | | | | | I | | | | | | | | + | + | + | + | + | + | + | - | | H | + | + | + | + | + | + |
| | | | | | | | | | | | + | - | 4 | | | ┞ | + | H | - | + | + | + | + | + | + | + | + | - | Η | H | + | + | + | + | + | + |
| | | | \downarrow | | + | | \square | _ | | \vdash | + | + | + | -+ | | ┝ | + | \vdash | \square | H | + | + | + | + | + | + | 1 | | | | 1 | 1 | T | T | T | |
| | | - | + | + | + | - | Н | - | - | \vdash | + | + | ╉ | -+ | | + | + | | | H | 1 | 1 | 1 | T | | | | | | | | | | | | |
| 1 | | - | + | + | + | + | Н | | | ++ | + | + | 1 | | | t | 1 | | | | | | Ι | | | | | | | | | 4 | + | \downarrow | + | + |
| | | | + | + | + | + | \square | | | ++ | + | + | 1 | | | | | | | | | | | | | | | _ | | | | | | | | |
| | Receiv | ved by | 1 | - | 1 | - | - | - | D | ate: | - | Time | e: | | | Ph | none | Res | ults | | | Yes | 1 | Ν | No | _ | | | | | | | | | | |
| Reiniquisierov. | 10001 | la | | | | 1. | | - | | 44 | 120 | n | - | 7:1 | 0 | | ax Re | | | | | Yes | | M | No | | Add | litio | nal | Fax | Num | nber | 1 | | | |
| Refinguished by Date Time: | Recei | ved By | y: (| Labo | orato | ry St | aff) | 1/ | D | ate: | | Time | e: | | | R | EMA | | | | | | | | | | | | | | | | | | | |
| uner due 1/4/2002 | | hu | In | ha | 14 | Udl | s). | 5 | K | 2 | And and a state of the local division of the local division of the local division of the local division of the | 4-1 | 27 | 200 | 928 | 4 | En | nail | Res | ults | | | | | | | vd.o | | m om | | | | | | | |
| Delivered By: (Circle One) | Sample | e Cond | | pol | Inta | act | | CH | ECK | KED B | Y: | | | | | | | | | | | 102 | Carr | | | | | | | | | | | | | |
| | | Yes | and the local division of | - | es | - | T | | tials | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler - UPS - Bus Other | | No | Γ | No | , | | | V | Ð | • | | | | 1 | | | | | | | - | | | | | _ | | | | | - | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rezenne Johnson // // // // // //// Refinguished by Datel Time: F Delivered By: (Circle One) Sampler - UPS - Bus Other: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Released to Imaging: 6/30/2023 3:28:10 PM

Page 1 of 1

Page 5 of 5



August 26, 2022

KATIE JONES Rice Operating Company 112 W. Taylor Hobbs, NM 88240

RE: BD JUNCTION B-4-2

Enclosed are the results of analyses for samples received by the laboratory on 08/24/22 9:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



Rice Operating Company KATIE JONES 112 W. Taylor Hobbs NM, 88240 Fax To: (575) 397-1471

| Received: | 08/24/2022 | Sampling Date: | 08/18/2022 |
|-------------------|-------------------------------|---------------------|----------------|
| Reported: | 08/26/2022 | Sampling Type: | Water |
| Project Name: | BD JUNCTION B-4-2 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | T22S-R37E-SEC2 B-LEA CTY., NM | | |

Sample ID: MONITOR WELL #1 (H223864-01)

| Chloride, SM4500Cl-B | mg, | /L | Analyze | d By: GM | | | | | |
|----------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride* | 292 | 4.00 | 08/25/2022 | ND | 100 | 100 | 100 | 3.92 | |
| Sulfate 375.4 | mg, | /L | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Sulfate* | 160 | 50.0 | 08/24/2022 | ND | 20.9 | 104 | 20.0 | 2.33 | |
| TDS 160.1 | mg, | /L | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| TDS* | 1010 | 5.00 | 08/25/2022 | ND | 833 | 83.3 | 1000 | 2.21 | |

Sample ID: MONITOR WELL #2 (H223864-02)

| Chloride, SM4500Cl-B | mg, | /L | Analyze | d By: GM | | | | | |
|----------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride* | 100 | 4.00 | 08/25/2022 | ND | 100 | 100 | 100 | 3.92 | |
| Sulfate 375.4 | mg, | /L | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Sulfate* | 137 | 25.0 | 08/24/2022 | ND | 20.9 | 104 | 20.0 | 2.33 | |
| TDS 160.1 | mg, | /L | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| TDS* | 666 | 5.00 | 08/25/2022 | ND | 814 | 81.4 | 1000 | 1.93 | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Rice Operating Company KATIE JONES 112 W. Taylor Hobbs NM, 88240 Fax To: (575) 397-1471

| Received: | 08/24/2022 | Sampling Date: | 08/18/2022 |
|-------------------|-------------------------------|---------------------|----------------|
| Reported: | 08/26/2022 | Sampling Type: | Water |
| Project Name: | BD JUNCTION B-4-2 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | T22S-R37E-SEC2 B-LEA CTY., NM | | |

Sample ID: MONITOR WELL #3 (H223864-03)

| Chloride, SM4500CI-B | mg, | /L | Analyze | d By: GM | | | | | |
|----------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride* | 268 | 4.00 | 08/25/2022 | ND | 104 | 104 | 100 | 3.92 | |
| Sulfate 375.4 | mg | /L | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Sulfate* | 169 | 50.0 | 08/24/2022 | ND | 20.9 | 104 | 20.0 | 2.33 | |
| TDS 160.1 | mg | /L | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| TDS* | 1020 | 5.00 | 08/25/2022 | ND | 814 | 81.4 | 1000 | 1.93 | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

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 |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | Pa | age | 1 | | of | 1 | - |
|--|------------------|------------|-------|-----------------------|--|--------|--------------------------|--------|--------------------------------|--------------------------|-----------------------|-------------|-------|-----------|----------------|--|-----------|--|-----------|---------------------|-----------------|------|----------------------|----------------------------|----------------|----------------------|------------------|------------------|-------------|-----------|------------------------|-----------|-----------------------------|
| 101 East Marland - Hobbs, NM 88240 Tel (575) 393-2326 Fax (575) 393-2476 | mal | Т | | | | | | • | - | Т | | _ | | | | C | HAI | N-O | F-0 | CUS | STO | DD | YA | ND | A | A | YS | IS | REC | QUE | ST | | of 5 |
| 101 East Marland - Hobbs, NM 88240 Tel (575) 393-2326 Fax (575) 393-2476 | nal | | a |)0 | ra | IT |)r | 10 | s, | | n | c. | | | | | | LAE | 3 Or | der | ID # | | | | | | 1995-34 9 | | | | | | 50 |
| Company Name: | | BILL T | | ompa | | | | | | PO# | | - | - | ┝ | | - | - | | | - | | | - | | - | - | - | - | | - | | | Page 5 |
| RICE Operating Company | | RICE | Ope | erati | ng C | om | bany | / | | | | | | | | | | | | | | | | | UES | - | | | | | | | ۱ñ |
| Project Manager: | | | | ddres | | | | | | City, Z | (ip) | | | 1. | | | | | (Cir | cle | orS | pec | ify N | /leth | od N | 10.) | | | | | | | |
| Katie Jones Address: (Street, City, Zip) | | 122 W | | and the second second | of the local division in which the local division in the local div | bbs, N | lew M | lexico | 8824 | Contraction of the local | | _ | | | | | | | | | | | | | | | | | | | | | |
| 122 W Taylor Street ~ Hobbs, New Mexico 88240 | | (676) | | hone# | | | | | | Fax#: | | 07.4 | | | | | | | | | | | | | | | | | | | | | |
| | Fax #: | (575) | 393 | -91/ | 4 | | | - | | (5/3 | 5)3 | 97-1 | 4/1 | | | | | 2/200 | | | | | | | | | | | | | | | |
| (575) 393-9174 | (575) | 397-1 | 1471 | | | 7 | | | | | | | | | | (32) | | | | | | | | | | | | | | | | | |
| Project #: Project Name: | | | | / | | 1 | 1 | | | | | | | 1 | | ed (| | D B | | | | | | | | | | | | | | | |
| BD Junction B-4-2 Project Location: | | | / | | | 4 | K | - | | | - | | | | | tend | | Ser | | | | | | | | | | | | | | | |
| T22S R37E Sec2 B ~ Lea County New Mexic | ico | / | 0 | ample | rsign | ature | R | ozann | e Jor | nson | (575 | 5)631-9 | 9310 | | | 05 EX | đ | Cr Pb | | | | | | 325 | | | | | HCO3) | | | | ours |
| HZZ35864 | 4 | D | | MAT | D | Т | PR | ESE | | TIVE | 1 | SAMP | LING | 1 | | TPH 418.1/TX1005 / TX1005 Extended (C35) | 2 | TCLP Metals Ag As ba cd Cr Pb Se Hg 60106/2007. TCLP Metals Ag As Ba Cd Cr Pb Se Hg | | | | | 54 | GC/MS Semi. Vol. 8270C/625 | | _ | | 5 | 3. HO | | s | | Turn Around Time ~ 24 Hours |
| 1 1 1 | 9 | SS | Т | Т | | | | T | | | $^{+}$ | | | | | 05/ | 4 | As B | | lles | | |)B/6 | . 82 | | V608 | | - 1 | CO3. | | Solic | | ~ e |
| LAB # FIELD CODE | (G)rab or (C)omp | CONTAINERS | | | | | HUL (2 40ml VOA) HNO3 | | | HDPE | | | | 8021B/602 | 3/602 | 2 2 | | B | s | /olat | des | | 826(| N | 808 | 81A | тļ | life | SO4, | | , bed | | E I |
| / LAB USE | 5) 2 | TAI | ~ | | Щ | | 40ml | 4 | | Liter | | 2023 | | 021 | 021E | .17 | 2 | etals | latile | ī | stici | | 0 | iemi | 082/ | s 8(| S, pl | S S | C G | | solv | s | pun |
| ONLY | ab | NO | 핀. | - | g | | 0 0 | 1SC | 04 | 1-1 | y | 1 | ш | 8 Ш | × | 418 | 82 | WW | 8 | Se | Pe | | 1s | AS S | s 8 | cide | TS. | ture |) SUC | ates | | ride | Aro |
| | (Đ | 0 # | WATER | AIR | SLUDGE | | HUC (2 | NaHSO4 | H ₂ SO ₄ | ICE (1-1Liter HDPE) | NONE | DATE (2022) | TIME | MTBE | BTEX 8021B/602 | TPH | PAH 8270C | LCL B | 2 | TCLP Semi Volatiles | TCLP Pesticides | RCI | GC/MS Vol. 8260B/624 | SCA | PCB's 8082/608 | Pesticides 8081A/608 | BOD, TSS, pH | Moisture Content | Anions (Cl. | Sulfates | Total Dissolved Solids | Chlorides | E I |
| Monitor Well #1 | G | 1 | х | | | | | | | 1 | _ | | 14:45 | | - | 1 | - | ľ | ľ I | 1 | 1 | - | Ť | Ť | - | - | - | | 1 | X | | x | - |
| Z Monitor Well #2 | G | 1 | x | | | | | | | 1 | T | | 9:50 | | 1 | + | + | + | H | + | + | + | + | - | + | 1 | + | + | + | | - | x | - |
| 3 Monitor Well #3 | G | 1 | x | | | | | | | 1 | T | 8/18 | 11:20 | | | 1 | | | \square | 1 | 1 | 1 | | | + | | + | + | + | | - | x | - |
| | | | | | | | | | | | T | | | | | 1 | + | \top | \square | 1 | + | + | | | | | + | + | + | | - | - | - |
| | | | | | | | | | | | T | | | | \top | + | \top | \top | \square | + | + | | | | - | + | + | + | + | \square | + | + | - |
| | | | | | | | | | | | T | | | \square | | + | + | | \square | + | + | + | | + | - | + | + | + | + | \square | + | + | - |
| | | | | | | | | | | | T | | | \square | + | + | + | + | | + | + | + | + | + | - | + | + | + | + | \square | + | + | - |
| | | | | | \square | | 1 | | | | t | | | | + | + | + | + | \square | + | + | + | + | + | + | + | + | + | + | H | + | + | - |
| | | | | | \square | | T | | \square | + | t | | | \vdash | + | + | + | + | | + | + | + | + | 1 | + | + | + | + | + | H | + | + | - |
| 33 | | | | 1 | \square | | 1 | | | | t | | | H | + | + | + | | | + | + | + | + | + | + | + | + | + | + | \square | + | + | - |
| | Receive | d by: | | | | | C | Date: | _ | Time | e: | | | Pho | ne R | esul | ts | | Yes | T | T | No | | | | | _ | _ | _ | | _ | _ | - |
| Prozanne etinson 8/24/22 8:20 | 11 | m | _ | In | ~ | - | 81 | 24/7 | 7 | | 8 | :21 | | Fax | Resi | lts | | П | Yes | | | No | | Addi | ition | al F | ay N | umh | er. | | | | |
| | Receive | d By: | (Lab | orator | y Sta | ff) | | Date: | | Time | and the second second | -1 | | REN | AR | (S: | | _ | | _ | <u> </u> | 10 | | laan | aloni | | | unit | | | | | \neg |
| Date: Time: R | 01 | BIII | 201 | 1 1 |)]] | In | K | n | 0 | 271 | 1. | 27 1 | 7950 | Ι. | Emai | | - | ka i | kio | no | 0 | rice | CIA | d o | om | | | | | | | | |
| C Delivered Dr. | Sample C | condition | n | 4 | | | HECH | KED E | | -0 | 7 | | N | 1 | LIIId | | sui | us. | | | | | | | .00 | | | | | | | | |
| | | | lool | Inta | t I | - | 1901 | | | | | | | | | | | | 102 | an | | w St | Jac | 103 | | | | | | | | | |
| Sampler - UPS - Bus - Other: | Y | es | YE | s | M | (1 | nitials | 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler - UPS - Bus -(Other:) | N | 0 | No | | | 1 | - | ~ | | | | | | | | | | | | | | | | | | | | | | | | | |
| po | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Received | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Released to Imaging: 6/30/2023 3:28:10 PM

•

Page 18 of 29



May 13, 2022

KATIE JONES Rice Operating Company 112 W. Taylor Hobbs, NM 88240

RE: BD JUNCTION B-4-2

Enclosed are the results of analyses for samples received by the laboratory on 05/11/22 12:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



Rice Operating Company KATIE JONES 112 W. Taylor Hobbs NM, 88240 Fax To: (575) 397-1471

| Received: | 05/11/2022 | Sampling Date: | 05/06/2022 |
|-------------------|-------------------------------|---------------------|----------------|
| Reported: | 05/13/2022 | Sampling Type: | Water |
| Project Name: | BD JUNCTION B-4-2 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | T22S-R37E-SEC2 B-LEA CTY., NM | | |

Sample ID: MONITOR WELL #1 (H221994-01)

| Chloride, SM4500Cl-B | mg, | /L | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride* | 280 | 4.00 | 05/11/2022 | ND | 100 | 100 | 100 | 3.92 | |
| Sulfate 375.4 | mg, | /L | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Sulfate* | 147 | 50.0 | 05/11/2022 | ND | 18.2 | 91.0 | 20.0 | 10.2 | |
| TDS 160.1 | mg, | /L | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| TDS* | 977 | 5.00 | 05/13/2022 | ND | 486 | 97.2 | 500 | 0.164 | |

Sample ID: MONITOR WELL #2 (H221994-02)

| Chloride, SM4500Cl-B | mg, | /L | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride* | 80.0 | 4.00 | 05/11/2022 | ND | 100 | 100 | 100 | 3.92 | |
| Sulfate 375.4 | mg, | /L | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Sulfate* | 113 | 25.0 | 05/11/2022 | ND | 18.2 | 91.0 | 20.0 | 10.2 | |
| TDS 160.1 | mg, | /L | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| TDS* | 606 | 5.00 | 05/13/2022 | ND | 486 | 97.2 | 500 | 0.164 | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Rice Operating Company KATIE JONES 112 W. Taylor Hobbs NM, 88240 Fax To: (575) 397-1471

| Received: | 05/11/2022 | Sampling Date: | 05/06/2022 |
|-------------------|-------------------------------|---------------------|----------------|
| Reported: | 05/13/2022 | Sampling Type: | Water |
| Project Name: | BD JUNCTION B-4-2 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | T22S-R37E-SEC2 B-LEA CTY., NM | | |

Sample ID: MONITOR WELL #3 (H221994-03)

| Chloride, SM4500Cl-B | mg, | /L | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride* | 260 | 4.00 | 05/11/2022 | ND | 100 | 100 | 100 | 3.92 | |
| Sulfate 375.4 | mg, | /L | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Sulfate* | 164 | 50.0 | 05/11/2022 | ND | 18.2 | 91.0 | 20.0 | 10.2 | |
| TDS 160.1 | mg, | /L | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| TDS* | 963 | 5.00 | 05/13/2022 | ND | 486 | 97.2 | 500 | 0.164 | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

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 |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

| Of Earlier Lebbs, Million Cardinal Laboratories, Inc. Lab Order ID # March 2000 Bill Do Company PO# March 2000 Bill Do Comp | 1 East Marland - Hobbs, NM 88240 | | т | - | L | | | 4 | | • | _ | Т | | | | | | CI | IAI | N-0 | DF- | CU | ST | OD | YA | ND |) AI | NAI | LYS | SIS | RE | QUE | ST | |
|--|---|---------------|---------|------------------|--------|---------------|-------|-------|--------|---|------------------|--------|-------|--------|-------|----------|------|-------|------|------|-------|-----------|-------|-----------|--------|-------|--------|------|------|------|------|-------|----------|------|
| RICE Operating Company gent Marging: RICE Operating Company (Breat, City, Zp) ANALYSIS RECUEST (Circle or Specify Method No.) Katle Jones (Breat, City, Zp) Phone: (Street, City, Zp) Phone: (Street, City, Zp) Phone: (Street, City, Zp) Phone: (Street, City, Zp) Value Y Tryor Street - Hobs, New Mexico 88240 Fax: # (Street, City, Zp) Fax: # (Street, City, Zp) Phone: (Street, City, Zp) Recurse Specify Method No.) (Street, City, Zp) Fax: # (Street, City, Zp) | Tel (575) 393-2326 Fax (575) 393-2476 | 181 | | a | D | 01 | a | τ | r | 10 | s, | I | n | c. | | | | | | LA | вО | rder | ID # | ŧ | | | | | | | | _ | | |
| Nucle Uppertuning Company Index Project Manager Concernment of the project Manager Circle or Specify Method No.) Katle Jones 122 W Taylor Street - hobos, New Mexico 88240 (575) 393-9174 (575) 393-9174 (575) 393-9174 122 W Taylor Street - hobos, New Mexico 88240 (575) 393-9174 (575) 393-9174 (575) 393-9174 (575) 393-9174 122 W Taylor Street - hobos, New Mexico 88240 (575) 393-9174 (575) 393-9174 (575) 393-9174 122 W Taylor Street - hobos, New Mexico Manager Manager PresservArtive SampLing Sample Manager 122 W Taylor Street - hobos, New Mexico Manager Manager PresservArtive SampLing Sample Manager 122 W Taylor Street - hobos, New Mexico Manager Manager PresservArtive SampLing Sample Manager 122 W Taylor Street - hobos, New Mexico Manager Manager PresservArtive SampLing Sample Manager 122 W Taylor Street - hobos, New Mexico Manager Manager PresservArtive SampLing Sample Manager 122 W Taylor Street - hobos, New Mexico Manager Manager PresservArtive SampLing Sample Manager 122 W Taylor Street - hobos, New Mexico Manager Manager PresservArtive Sample Manager <td< td=""><td>mpany Name:</td><td></td><td>BILL 1</td><td>ю</td><td>Com</td><td>pany</td><td></td><td></td><td>-</td><td></td><td></td><td>PO#</td><td>¥</td><td></td><td></td><td>+</td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | mpany Name: | | BILL 1 | ю | Com | pany | | | - | | | PO# | ¥ | | | + | | | | | - | | | | | | | | | | | | | |
| Address: (Street, City, Zip) (Under of operating Method No.) Stress: (Street, City, Zip) 122 W Taylor Street - Hobbs, New Mexico 88240 (575) 392-9174 (575) 392-9174 (575) 392-9174 122 W Taylor Street - Hobbs, New Mexico 88240 (575) 392-9174 (575) 392-9174 (575) 392-9174 (575) 392-9174 (575) 392-9174 0618 # Project Manie: BD Junction B-4-2 Sample for Mathing Received Street Notice | RICE Operating Company | | RICE | EO | pera | ating | g Co | omp | any | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Genes. Climet. City, 2p) Provest Facility 122 W Traylor Street - Hobbs, New Mexicos 88240 (575) 393-9174 (575) 393-9174 (575) 393-9174 122 W Traylor Street - Hobbs, New Mexicos 88240 (575) 393-9174 (575) 393-9174 (575) 393-9174 122 W Traylor Street - Hobbs, New Mexicos 88240 (575) 393-9174 (575) 393-9174 (575) 393-9174 122 W Traylor Street - Hobbs, New Mexicos 88240 (575) 393-9174 (575) 393-9174 (575) 393-9174 122 W Traylor Street - Hobbs, New Mexicos 88240 (575) 393-9174 (575) 393-9174 (575) 393-9174 122 L Straylow Mexicos 88240 (575) 393-9174 (575) 393-9174 (575) 393-9174 (575) 393-9174 122 L Straylow Mexicos 88240 (575) 393-9174 (575) 393-9174 (575) 393-9174 (575) 393-9174 122 L Straylow Mexicos 88240 (575) 393-9174 (575) 393-9174 (575) 393-9174 (575) 393-9174 122 L Straylow Mexicos 88240 (575) 393-9174 (575) 393-9174 (575) 393-9174 (575) 393-9174 122 L J Straylow Mexicos 88240 (575) 393-9174 (575) 393-9174 (575) 393-9174 (575) 393-9174 122 L J Straylow Mexicos 88 | oject Manager: | | | | | | | | | and the second se | reet, | City, | Zip) | | | 1 | | | | | (C | rcle | ors | spec | city N | /leth | lod I | NO.) | | | | 122 | | |
| 122 W Taylor Street - Hobes, New Mexico 8240 (675) 393-9174 (575) 397-1471 One # Fax # Fax # (575) 397-1471 Opel Calino: BD Junction B-4-2 Sample Senate: More reported and repo | Katie Jones | | 122 W | Tayl | or Str | reet ~ | Hob | os, N | ew M | lexico | 8824 | 10 | | | | | | | | | | | | | | | | | | | | | | |
| // Monitor Well #1 G 1 X 1 5/6 15:00 1 X </td <td>dress: (Street, City, Zip)</td> <td></td> <td></td> <td></td> <td>Pho</td> <td>ne#:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Fax</td> <td>#:</td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td> ,</td> <td></td> | dress: (Street, City, Zip) | | | | Pho | ne#: | | | | | | Fax | #: | | | 1 | | | , | | | | | | | | | | | | | | | |
| // Monitor Well #1 G 1 X 1 5/6 15:00 1 X </td <td>22 W Taylor Street ~ Hobbs, New Mexico 88240</td> <td></td> <td>(575</td> <td>) 39</td> <td>3-9</td> <td>174</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>(57</td> <td>75)3</td> <td>397-1</td> <td>1471</td> <td></td> <td></td> <td></td> <td></td> <td>8</td> <td></td> | 22 W Taylor Street ~ Hobbs, New Mexico 88240 | | (575 |) 39 | 3-9 | 174 | | | | | | (57 | 75)3 | 397-1 | 1471 | | | | | 8 | | | | | | | | | | | | | | |
| // Monitor Well #1 G 1 X 1 5/6 15:00 1 X </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td>2</td> <td></td> <td>OB/</td> <td></td> | | | | | | | | - | | | | | | | | 1 | | 2 | | OB/ | | | | | | | | | | | | | | |
| // Monitor Well #1 G 1 X 1 5/6 15:00 1 X </td <td>and the second se</td> <td>575)</td> <td>397-</td> <td>-147</td> <td>1</td> <td></td> <td>/</td> <td></td> <td>1</td> <td>1</td> <td></td> <td>-</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td>C3</td> <td>3</td> <td>601</td> <td></td> | and the second se | 575) | 397- | -147 | 1 | | / | | 1 | 1 | | - | 2 | | | | | C3 | 3 | 601 | | | | | | | | | | | | | | |
| // Monitor Well #1 G 1 X 1 5/6 15:00 1 X </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>/</td> <td>/</td> <td>7</td> <td></td> <td>/</td> <td></td> <td>/</td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td>nded</td> <td>-</td> <td>BHG</td> <td>RID</td> <td></td> | | | | | | / | / | 7 | | / | | / | | | | 1 | | nded | - | BHG | RID | | | | | | | | | | | | | |
| // Monitor Well #1 G 1 X 1 5/6 15:00 1 X </td <td>ject Location:</td> <td></td> <td></td> <td>/</td> <td>Sam</td> <td>pler s</td> <td>Signa</td> <td>ture:</td> <td>R</td> <td>ozanr</td> <td>ne Joh</td> <td>nnsor</td> <td>n (57</td> <td>5)631-</td> <td>-9310</td> <td></td> <td></td> <td>Extel</td> <td></td> <td>Ph S</td> <td></td> <td>(2)</td> <td></td> <td></td> <td></td> | ject Location: | | | / | Sam | pler s | Signa | ture: | R | ozanr | ne Joh | nnsor | n (57 | 5)631- | -9310 | | | Extel | | Ph S | | | | | | | | | | | (2) | | | |
| // Monitor Well #1 G 1 X 1 5/6 15:00 1 X </td <td>T22S R37E Sec2 B ~ Lea County New Mexic</td> <td>0</td> <td></td> <td>4</td> <td>4</td> <td>1</td> <td>2</td> <td>4</td> <td>DD</td> <td>ERE</td> <td>DVA</td> <td></td> <td>- 1</td> <td></td> <td></td> <td></td> <td></td> <td>1005</td> <td>0</td> <td>500</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>C/625</td> <td></td> <td></td> <td></td> <td></td> <td>HCO</td> <td></td> <td></td> <td></td> | T22S R37E Sec2 B ~ Lea County New Mexic | 0 | | 4 | 4 | 1 | 2 | 4 | DD | ERE | DVA | | - 1 | | | | | 1005 | 0 | 500 | | | | | | C/625 | | | | | HCO | | | |
| // Monitor Well #1 G 1 X 1 5/6 15:00 1 X </td <td>221994</td> <td>-</td> <td>1</td> <td>L</td> <td>M</td> <td>ATRI</td> <td>X</td> <td>1</td> <td>PR</td> <td></td> <td></td> <td></td> <td>-</td> <td>SAM</td> <td>PLING</td> <td></td> <td></td> <td>XT/</td> <td></td> <td>Bac</td> <td>20</td> <td>s</td> <td></td> <td></td> <td>/624</td> <td>8270</td> <td></td> <td>80</td> <td></td> <td></td> <td>X03</td> <td></td> <td>olids</td> <td></td> | 221994 | - | 1 | L | M | ATRI | X | 1 | PR | | | | - | SAM | PLING | | | XT/ | | Bac | 20 | s | | | /624 | 8270 | | 80 | | | X03 | | olids | |
| // Monitor Well #1 G 1 X 1 5/6 15:00 1 X </td <td></td> <td>đ</td> <td>S.</td> <td>1</td> <td>-</td> <td></td> <td></td> <td></td> <td>¥.</td> <td></td> <td></td> <td>) E</td> <td></td> <td></td> <td></td> <td>02</td> <td>5</td> <td>005</td> <td>-</td> <td>As</td> <td></td> <td>atile</td> <td>s</td> <td></td> <td>60B</td> <td>0</td> <td></td> <td>1A/6</td> <td></td> <td>ţ</td> <td>9,4</td> <td></td> <td>1 So</td> <td></td> | | đ | S. | 1 | - | | | | ¥. | | |) E | | | | 02 | 5 | 005 | - | As | | atile | s | | 60B | 0 | | 1A/6 | | ţ | 9,4 | | 1 So | |
| // Monitor Well #1 G 1 X 1 5/6 15:00 1 X </td <td></td> <td>ŝ</td> <td>R</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td>Ŷ</td> <td></td> <td>2)</td> <td></td> <td>B/6</td> <td>B/6(</td> <td>X</td> <td>-</td> <td>Ag</td> <td>les</td> <td>No</td> <td>ide</td> <td></td> <td>82</td> <td>></td> <td>/60</td> <td>3081</td> <td>F</td> <td>alle</td> <td>S S</td> <td></td> <td>Ne</td> <td></td> | | ŝ | R | | | | | 1 | | | | Ŷ | | 2) | | B/6 | B/6(| X | - | Ag | les | No | ide | | 82 | > | /60 | 3081 | F | alle | S S | | Ne | |
| // Monitor Well #1 G 1 X 1 5/6 15:00 1 X </td <td></td> <td>- N</td> <td>TA</td> <td>μ</td> <td></td> <td></td> <td>3</td> <td>4</td> <td>40m</td> <td>4</td> <td></td> <td>Liter</td> <td></td> <td>202</td> <td></td> <td>3021</td> <td>021</td> <td>8.1/</td> <td>2</td> <td>etal</td> <td>olati</td> <td>i mi</td> <td>estic</td> <td></td> <td>Vol.</td> <td>Sen</td> <td>082</td> <td>se</td> <td>ŝ,</td> <td>Ŭ Q</td> <td>ŨĮŪ</td> <td></td> <td>SSO</td> <td>S</td> | | - N | TA | μ | | | 3 | 4 | 40m | 4 | | Liter | | 202 | | 3021 | 021 | 8.1/ | 2 | etal | olati | i mi | estic | | Vol. | Sen | 082 | se | ŝ, | Ŭ Q | ŨĮŪ | | SSO | S |
| // Monitor Well #1 G 1 X 1 5/6 15:00 1 X </td <td></td> <td>ab</td> <td>NO</td> <td>P</td> <td>_</td> <td></td> <td>ğ</td> <td>5</td> <td>N G</td> <td>2 S</td> <td>04</td> <td>1-1</td> <td>삦</td> <td>щ</td> <td> </td> <td>е Ш</td> <td>× ×</td> <td>4</td> <td>82</td> <td>N N</td> <td>× ×</td> <td>S</td> <td>PP</td> <td></td> <td>NS</td> <td>NS</td> <td>s 8</td> <td>cide</td> <td>12</td> <td>ture</td> <td>suo</td> <td>ates</td> <td>Ö</td> <td>ride</td> | | ab | NO | P | _ | | ğ | 5 | N G | 2 S | 04 | 1-1 | 삦 | щ | | е Ш | × × | 4 | 82 | N N | × × | S | PP | | NS | NS | s 8 | cide | 12 | ture | suo | ates | Ö | ride |
| // Monitor Well #1 G 1 X 1 5/6 15:00 1 X </td <td></td> <td>Ġ</td> <td>0</td> <td>V</td> <td>SOI</td> <td>HA I</td> <td>SLL</td> <td>Ş</td> <td>ĮŽ</td> <td>Var</td> <td>12S</td> <td>빙</td> <td>ğ</td> <td>DAT</td> <td>1</td> <td>ATB</td> <td>E</td> <td>H</td> <td>AH</td> <td>CLI</td> <td>님권</td> <td>5</td> <td>5</td> <td>SCI</td> <td>SCA</td> <td>SC</td> <td>CB</td> <td>est</td> <td>B</td> <td>Nois</td> <td>Anio</td> <td>Sulfa</td> <td>Tota</td> <td>Shlo</td> | | Ġ | 0 | V | SOI | HA I | SLL | Ş | ĮŽ | Var | 12S | 빙 | ğ | DAT | 1 | ATB | E | H | AH | CLI | 님권 | 5 | 5 | SCI | SCA | SC | CB | est | B | Nois | Anio | Sulfa | Tota | Shlo |
| Monitor Well #3 G 1 X 1 5/6 11:45 I I X | Monitor Well #1 | | | - | | | | Ť | | - | | | - | | - | | - | | - | ľ | 1 | Í | | - | | Ŭ | - | - | - | | | - | | |
| 3 Monitor Well #3 G 1 X 1 5/6 11:45 1 1 X | Z Monitor Well #2 | G | 1 | X | | | | T | T | | | 1 | | 5/6 | 10:00 | | | | | | | П | | | | | | | | | | x | | |
| Impulsive by: Date: Time: Received by: Date: Time: Impulsive by: Date: Time: Received by: Date: Time: Sample Condition CHECKED BY: CHECKED BY: Inversed By: Circle One) Checked BY: CHECKED BY: Initials CHECKED BY: CHECKED BY: Checked BY: Initials Checked BY: Checked BY: Checked BY: Initials Checked BY: Checked BY: Checked BY: | 3 Monitor Well #3 | G | 1 | | | H | + | + | + | + | | | | | 1 | | | + | + | + | + | H | | | | | | | | + | + | | | |
| zanne Johnson JII 2020 12:50 Jaura Wildar Wilder Wilder Wilder Wilder Fax Results Yes No Additional Fax Number: lipquished by: Date: Time: Received By: (Laboratory Staff) Date: Time: REMARKS: livered By: (Circle One) Sample Condition CHECKED BY: CHECKED BY: Intact (Initials) | | - | - | 1 | | \vdash | + | + | + | + | \square | - | 1 | 010 | 1 | | | + | + | + | + | H | | | | - | | | | + | + | ŕ | <u> </u> | ~ |
| zanne Johnson JII 2020 12:50 Jaura Valuate Mark St. J. 255 Fax Results Yes No Additional Fax Number: lipquished by: Date: Time: Received By: (Laboratory Staff) Date: Time: REMARKS: livered By: (Circle One) Sample Condition CHECKED BY: CHECKED BY: Intact (Initials) | | -+ | | | | \vdash | + | t | + | + | $\left \right $ | - | + | | - | \vdash | | + | + | + | + | H | | | | | | | + | + | + | + | \vdash | |
| zanne Johnson JII 2020 12:50 Jaura Valuate Mark St. J. 255 Fax Results Yes No Additional Fax Number: lipquished by: Date: Time: Received By: (Laboratory Staff) Date: Time: REMARKS: livered By: (Circle One) Sample Condition CHECKED BY: CHECKED BY: Intact (Initials) | | -+ | | $\left \right $ | | \vdash | + | + | + | + | $\left \right $ | + | -+ | | | | | + | + | + | + | H | | | - | - | | | + | + | + | + | \vdash | _ |
| Lanne Johnson JII 2021 12:50 Jaura Will all all all all all all all all all | | -+ | | | - | \vdash | + | + | + | + | $\left \right $ | - | - | | | | | + | + | + | + | \square | | | | - | | | - | + | + | + | \vdash | |
| zanne Johnson JII 2020 12:50 Jaulata Ulata WL 5-1/-72 / 2.55 Fax Results Yes No Additional Fax Number: lipquished by: Date: Time: Received By: (Laboratory Staff) Date: Time: REMARKS: livered By: (Circle One) Sample Condition CHECKED BY: CHECKED BY: Intact (Initials) | | \rightarrow | | | _ | \vdash | - | - | - | - | \square | - | - | | | | - | - | + | + | + | \square | | | | _ | | | - | - | - | | | - |
| zanne Johnson JII 2020 12:50 Jaura Valuate Mark St. J. 255 Fax Results Yes No Additional Fax Number: lipquished by: Date: Time: Received By: (Laboratory Staff) Date: Time: REMARKS: livered By: (Circle One) Sample Condition CHECKED BY: CHECKED BY: Intact (Initials) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| zanne Johnson JII 2021 12:50 Juillata ullata ell 5-1/-72 / 255 Fax Results Yes No Additional Fax Number: lipquished by: Date: Time: Received By: (Laboratory Staff) Date: Time: REMARKS: livered By: (Circle One) Sample Condition CHECKED BY: CHECKED BY: Intact (Initials) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| zanne Johnson JII 2020 12:50 Jaura Wildar Wilder Wilder Wilder Wilder Fax Results Yes No Additional Fax Number: lipquished by: Date: Time: Received By: (Laboratory Staff) Date: Time: REMARKS: livered By: (Circle One) Sample Condition CHECKED BY: CHECKED BY: Intact (Initials) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ivered By: (Circle One) Sample Condition Cool Intact Yes Yes Yes (Initials) Received By: (Laboratory Staff) Date: Time: REMARKS: Email Results: kjones@riceswd.com rozanne@sdacres.com | inquished by: Date: Time: R | eceive | d by: | | | 1 | 11 | 1 | / [| Date | | Tim | ne: | | | Pho | ne R | Resu | lts | T | Ye | s | | No | | | | | | - | | | | _ |
| livered By: (Circle One) Sample Condition Cool Intact Yes Yes Yes (Initials) Received By: (Laboratory Staff) Date: Time: REMARKS: Email Results: kjones@riceswd.com rozanne@sdacres.com | anne-lohnson / 5/11/2022 12:50 | 1 | 7111 | 341 | 0 1 | \mathcal{I} | Va | K | D | 0 | 11_ | 77 | | 125 | 55- | Fax | Res | ults | | | Va | | | No | | Add | lition | | av N | lumk | oor: | | | |
| ivered By: (Circle One) Sample Condition Yes Yes (Initials) CHECKED BY: (Initials) CHECKED BY: (Initials) CHECKED BY: CHECKED BY: Checked By: (Initials) | | eceive | ed By | | bora | atory | Staf | 0 | IC I | Date: | 11-0 | | | CL | 10 | _ | | - | | _ | Te | 5 | | NU | | Auu | ILIOI | arr | | um | Jei. | | | _ |
| ivered By: (Circle One) Sample Condition CHECKED BY: | | | | (== | | | U.U.I | | | Juito. | | | 10. | | | | | | | | | | | | | | | | | | | | | |
| Yes Yes (Initials) | <i>v</i> | | | | | | _ | | | - | | - | | | | | Ema | il R | esul | ts: | | | | | | | | _ | | | | | | |
| Yes Yes (Initials) | ivered By: (Circle One) Sa | ample C | Conditi | on | | | | CI | HECH | KED | BY: | | | | | | | | | | ro | zar | nne | <u>@s</u> | dac | res | S.CC | m | | | | | | |
| Impler - UPS - Bus - Other: No No No | \bigcirc | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Impler - UPS - Bus - Other: No No No | | Y | es | Г | Yes | 1 | | (In | itials | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | mpler - UPS - Bus - Other: | N | lo | | No | | | | 1. | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

•



February 04, 2022

KATIE JONES Rice Operating Company 112 W. Taylor Hobbs, NM 88240

RE: BD JUNCTION B-4-2

Enclosed are the results of analyses for samples received by the laboratory on 02/02/22 11:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



Rice Operating Company KATIE JONES 112 W. Taylor Hobbs NM, 88240 Fax To: (575) 397-1471

| Received: | 02/02/2022 | Sampling Date: | 02/01/2022 |
|-------------------|-------------------------------|---------------------|----------------|
| Reported: | 02/04/2022 | Sampling Type: | Water |
| Project Name: | BD JUNCTION B-4-2 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | T22S-R37E-SEC2 B-LEA CTY., NM | | |

Sample ID: MONITOR WELL #1 (H220395-01)

| Chloride, SM4500Cl-B | mg, | /L | Analyze | d By: GM | | | | | |
|----------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride* | 264 | 4.00 | 02/02/2022 | ND | 100 | 100 | 100 | 0.00 | |
| Sulfate 375.4 | mg, | /L | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Sulfate* | 204 | 50.0 | 02/04/2022 | ND | 18.5 | 92.4 | 20.0 | 2.72 | |
| TDS 160.1 | mg, | /L | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| TDS* | 968 | 5.00 | 02/03/2022 | ND | 519 | 104 | 500 | 3.07 | |

Sample ID: MONITOR WELL #2 (H220395-02)

| Chloride, SM4500CI-B | mg, | /L | Analyze | d By: GM | | | | | |
|----------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride* | 128 | 4.00 | 02/02/2022 | ND | 100 | 100 | 100 | 0.00 | |
| Sulfate 375.4 | mg, | /L | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Sulfate* | 115 | 25.0 | 02/04/2022 | ND | 18.5 | 92.4 | 20.0 | 2.72 | |
| TDS 160.1 | mg, | /L | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| TDS* | 596 | 5.00 | 02/03/2022 | ND | 519 | 104 | 500 | 3.07 | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Rice Operating Company KATIE JONES 112 W. Taylor Hobbs NM, 88240 Fax To: (575) 397-1471

| Received: | 02/02/2022 | Sampling Date: | 02/01/2022 |
|-------------------|-------------------------------|---------------------|----------------|
| Reported: | 02/04/2022 | Sampling Type: | Water |
| Project Name: | BD JUNCTION B-4-2 | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | T22S-R37E-SEC2 B-LEA CTY., NM | | |

Sample ID: MONITOR WELL #3 (H220395-03)

| Chloride, SM4500Cl-B | mg, | /L | Analyze | d By: GM | | | | | |
|----------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride* | 248 | 4.00 | 02/02/2022 | ND | 100 | 100 | 100 | 0.00 | |
| Sulfate 375.4 | mg, | /L | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Sulfate* | 194 | 50.0 | 02/04/2022 | ND | 18.5 | 92.4 | 20.0 | 2.72 | |
| TDS 160.1 | mg, | /L | Analyze | d By: GM | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| TDS* | 977 | 5.00 | 02/03/2022 | ND | 519 | 104 | 500 | 3.07 | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| 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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

| of 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | Do | 000 | 1 | | | |
|--|-----------------------------|--|-------|--|----------|--------|--------------------|------------------|---|--------------------------------|---------------------|-------------|--------|--|----------------|--|-----------|-------|----------------|---------------------|-----------------|-----------|----------------------|------------------|----------------|----------------------|----------------------------------|-------|-----------|----------|-------------------------------------|--------------------|
| | | | | | | | | | | | Т | | | | | | | | | | | | | | of 5 | | | | | | | |
| | | | | | | | | | | | | | Γ | LAB Order ID # | | | | | | | | | | | | Page 5 o | | | | | | |
| Company Name: BILL TO Company: PO# RICE Operating Company RICE Operating Company PO# | | | | | | | | | T | ANALYSIS REQUEST | | | | | | | | | | | | Pag | | | | | | | | | | |
| Project Manager: Katie Jones | | | | Address: (Street, City, Zip) | | | | | | | | | | (Circle or Specify Method No.) | | | | | | | | | | | | | Ļ | | | | | |
| Address: (Street, City, Zip) | | | | 122 W Taylor Street ~ Hobbs, New Mexico 88240 Phone#: Fax#: | | | | | | | | | | - | | | | ~ | | | | | | | | | | | | | | |
| 122 W Taylor Street ~ Hobbs, New Mexico 88240 Phone #: Fax #: | | | | (575) 393-9174 (575)397-1471 | | | | | | | | | | 4 | | | | B/200 | | | | | | | | | | | | | | |
| (575) 393-9174 Project #: Project Name: | (575 | 75) 397-1471 | | | | | | | | | | | | | (C35) | | 6010 | | | | | | | | | | | | | | | |
| BD Junction B-4-2 | | | | | | | | | | | | | | | | ended | | e Hg | Se Hg | | | | | | | | | | | | | |
| Project Location: T22S R37E Sec2 B ~ Lea County New Me> | xico | Sampler Signature: Rozanne Johnson (575)631-9310 | | | | | | | | | | | 1 | | 5 Exte | | r Pb S | L PD | | | | | 25 | | | | | 03) | | | nrs | |
| | Γ | | 1 | M | x | Ś | PRESERVATIVE SAMPL | | | | MPLIN | G | | TPH 418.1/TX1005 / TX1005 Extended (C35) | | Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 | | | | | 4 | 8270C/625 | | | | 2 | Anions (Cl, SO4, CO3, HCO3) | | s | 24 Hours | | |
| H220395 LAB # | đ | RS | Þ | ŕ | | T | | T | | TTT | | + | Τ | - | | ./ 900 | | As Ba | AS D | tiles | | | GC/MS Vol. 8260B/624 | | | Pesticides 8081A/608 | 1 | Na, | CO CO | | Lotal Dissolved Solids Chlorides | ne ~ 2 |
| FIELD CODE | (C)ol | AINE | | | | | OV Im | | | | ter HDF | 122 | | R031B/R03 | 1B/60 | 1/TX1 | 2 | Is Ag | tiles | ii Vola | licides | | I. 826 | mi. Vo | \$2/608 | 8081 | PH | a, Mo | SO4 | | olved | nd Tin |
| (LAB USE ONLY) | (G)rab or (C)omp | # CONTAINERS | WATER | _ | | SLUDGE | HCL (2 40ml VOA) | õ | NaHSO ₄ | 5 | ICE (1-1Liter HDPE) | DATE (2022) | . | E 80 | BTEX 8021B/602 | 418. | PAH 8270C | Meta | TCLP Volatiles | TCLP Semi Volatiles | TCLP Pesticides | | AS Vo | GC/MS Semi. Vol. | PCB's 8082/608 | cides | BOD, TSS, pH Moisture Content | ns (O | ns (CI | tes | UISS(| Turn Around Time ~ |
| | - | | - | SOIL | AIR | SL | Ŷ | HNO ₃ | Nat | H ₂ SO ₄ | ICE (1-1 NONF | - | | MTRF | BTE | TPH | PAH | Total | 12 | TCLF | TCLF | RCI | GCM | GCA | PCB' | Pesti | Mois | Catio | Anio | Sulfates | Chlorides | Tur |
| (Monitor Well #1 G | | 1 | X | | \vdash | + | + | \square | | -+- | 1 | 2/* | | - | + | | | _ | \downarrow | | | | | | | | | | | X | x) | : |
| Monitor Well #2 G | | 1 | X | | \vdash | + | + | | | - | 1 | 2/* | | - | + | \square | | + | + | \square | | | | | | - | \perp | | \square | | x) | |
| | G | 1 | X | | \vdash | + | + | \square | | + | 1 | 2/* | 1 11:4 | 5 | + | \square | - | + | + | Н | | | | - | | + | + | + | \square | X | x) | 4 |
| | | | | | | + | + | H | | + | + | \vdash | - | $^{+}$ | + | | | + | + | Η | | + | | + | | + | + | + | H | + | + | + |
| | | | | | | | | | | | | | | t | \uparrow | | | + | + | Η | | | | + | + | + | + | + | H | + | + | + |
| | | | | _ | | - | | | | | | | | | | | | | | | | | | | | | | | | | | \square |
| | \vdash | | H | - | - | + | + | \square | + | + | + | ┢ | | ╀ | - | | - | + | - | \square | | - | - | - | - | - | | | | | | |
| | \vdash | | H | \neg | + | + | + | | + | + | + | ┢ | + | ╀ | + | \square | + | + | + | H | | + | + | + | + | + | + | - | \vdash | + | - | + |
| Refinguished by: Date: Time: Received by: Date: | | | | | | | te: | | Time | - | _ | Ph | one | Resu | Its | + | Ye | s | | No | | | | | | | | _ | | | | |
| Tozanne Johnson 22/2022 1.40 JAMARA JAAKA 2-2-22 1140 F | | | | | | | | Fa | Fax Results Yes No Additional Fax Number: | | | | | | | | | | | | | | | | | | | | | | | |
| Received By: (Laboratory Staff) Date: Time: | | | | | | | | RE | REMARKS: | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | Email Results: kjones@riceswd.com | | | | | | | | | | | | | | | | | | | | | | | |
| Delivered By: (Circle One) Sample Condition CHECKED BY: | | | | | | | | | rozanne@sdacres.com | | | | | | | | | | | | | | | | | | | | | | | |
| | Yes Yes (Initials) No No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler - UPS - Bus - Other: | | No | 1 | lo | | | A. | | | 100-0 | | | | | | | | | | | | | | | | | | | | | | |
| Received | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| le ce | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Released to Imaging: 6/30/2023 3:28:10 PM

•

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 202246

CONDITIONS Operator: OGRID: RICE OPERATING COMPANY 19174 122 W Taylor Action Number: Hobbs, NM 88240 202246 Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

| Created By | Condition | Condition Date |
|------------------|---|-------------------|
| michael.buchanan | Review of the 2022 Annual Groundwater Report for ROC BD Jct. B-4-2: Content Satisfactory 1 Continue to conduct groundwater sampling per plan. 2. Submit 2023 Annual GW Report by April 1, 2024 | 6/30/2023 |