

FEB 25 2026

NE Dept of Water, Energy, & Environment  
By: DWEE\_182#16452  
CHECK  
RECEIVED  
\$125.00

## CAFO Annual Report

Submitted to the Nebraska Department of Environmental Quality For: 2025

Carr Ranch, Inc.

82697 472<sup>nd</sup> Ave

Burwell, NE 68823

1. Maximum number or livestock at facility at any one time during 1895

2. Estimated Generated Waste:

1449 # Tons of cattle manure

37335.75 # Gallons process wastewater

3. Estimated Transferred Waste:

1449 0 # Tons of cattle manure0 # Gallons of process waste water

4. Land Application Area:

58.4 #Total acres in Nutrient Management Plan58.4 #Total acres controlled by CAFO used for land application during current crop year.5. Discharges from LWCF currant year: 0

6. NUTRIENT MANAGEMENT PLAN INFORMATION:

THE NUTRIENT MANAGEMENT PLAN WAS DEVELOPED BY SETTJEAGRI-  
SERVICES AND ENGINEERING, INC.

7. LAND APPLLICATION RESPONSIBILITY:

JAMES CARR, PRESIDENT

82697 472 Ave

Burwell, NE 68823

(308-214-0710

Last completed Land Application Training: 2/15/2023; valid until 2/15/2028



2025 Crop

|                      |                | Yield/<br>Ton | N     | P      | K      |
|----------------------|----------------|---------------|-------|--------|--------|
| Estimate needed 2026 |                | 8             | 68.7  | 69     | 70     |
|                      |                |               |       |        |        |
| APPLIED 2025         | Forage Sorghum |               | 60    | 52     | 54     |
| USED                 | Forage Sorghu  | 9.64          | 77.41 | 142.09 | 116.64 |
|                      |                |               |       |        |        |
|                      |                |               |       |        |        |
|                      |                |               |       |        |        |

# Soil Analysis Report



Account ID: 34303

CARR RANCH INC  
82697 472 AVE  
BURWELL, NE 68823

Report Type: Soil  
Invoice Number: 1509074  
Date Received: 10/30/2021  
Date Reported: 11/3/2025

Results For: CARR RANCH INC

Location: -

| 1:1<br>Soil<br>pH        | BpH<br>Modified<br>WDRF | Soluble Salts<br>1:1 mmho/cm | Excess<br>Lime<br>Rating | Organic<br>Matter LOI-<br>% | Nitrate-N<br>KCl | Depth   | Method              | Ammonium Acetate |           |           |           | Sulfate<br>M-3<br>ppm | DTPA-Sorbitol |           |           |           |          | CaNO <sub>3</sub><br>Chloride<br>ppm Cl | Sum of<br>Cations<br>me/100g | % Base Saturation |    |    |    |    |
|--------------------------|-------------------------|------------------------------|--------------------------|-----------------------------|------------------|---------|---------------------|------------------|-----------|-----------|-----------|-----------------------|---------------|-----------|-----------|-----------|----------|-----------------------------------------|------------------------------|-------------------|----|----|----|----|
|                          |                         |                              |                          |                             |                  | Nitrate | Phosphorus<br>ppm P | K<br>ppm         | Ca<br>ppm | Mg<br>ppm | Na<br>ppm |                       | Zn<br>ppm     | Fe<br>ppm | Mn<br>ppm | Cu<br>ppm | B<br>ppm |                                         |                              | H                 | K  | Ca | Mg | Na |
| ID: NORTH — Lab#: 139386 |                         |                              |                          |                             |                  | 0-8 in  |                     | M-3              |           |           |           |                       |               |           |           |           |          |                                         |                              |                   |    |    |    |    |
| 6.0                      | 6.8                     | 0.09                         | NONE                     | --                          | 3.9              | 9       | 45                  | 604              | 2547      | 433       | 19        | --                    | --            | --        | --        | --        | --       | 20.4                                    | 12                           | 8                 | 63 | 18 | 0  |    |
| ID: SOUTH — Lab#: 139387 |                         |                              |                          |                             |                  | 0-8 in  |                     | M-3              |           |           |           |                       |               |           |           |           |          |                                         |                              |                   |    |    |    |    |
| 7.1                      | --                      | 0.29                         | NONE                     | --                          | 3.9              | 9       | 159                 | 420              | 2273      | 328       | 26        | --                    | --            | --        | --        | --        | --       | 15.3                                    | 0                            | 7                 | 74 | 18 | 1  |    |

Reviewed by: Jon Kerman

11/3/2025

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Phone: 308-234-2418

www.wardlab.com

4007 Cherry Ave, Kearney Nebraska 68841

# Slurry Analysis Report



Account ID: 34303

CARR RANCH INC  
82697 472 AVE  
BURWELL, NE 68823

Report Type: Beef  
Invoice Number: 1509141  
Date Received: 10/30/2025  
Date Reported: 11/3/2025  
Lab ID: 13683

Results For: CARR RANCH INC

Location: SLURRY MIX

Sample ID: --

|                                               | Analysis<br>As Received | Lbs Per<br>Acre Inch | Lbs Per<br>1000 gal | Available First Year<br>Lbs / Acre Inch | Lbs / 1000 gal |
|-----------------------------------------------|-------------------------|----------------------|---------------------|-----------------------------------------|----------------|
| Organic Nitrogen, ppm N                       | 75.7                    | 17.2                 | 0.6                 | 6.0                                     | 0.2            |
| Ammonium, ppm N                               | 3.7                     | 0.8                  | 0.0                 | 0.8                                     | 0.0            |
| Nitrate, ppm N                                | < 0.1                   | 0.0                  | 0.0                 | 0.0                                     | 0.0            |
| Total Nitrogen, ppm N                         | 79.5                    | 18.0                 | 0.7                 | 6.8                                     | 0.3            |
| Phosphorus, ppm P <sub>2</sub> O <sub>5</sub> | 78.1                    | 17.7                 | 0.7                 | 12.4                                    | 0.5            |
| Potassium, ppm K <sub>2</sub> O               | 448.7                   | 101.7                | 3.8                 | 91.5                                    | 3.4            |
| Sulfur, ppm S                                 | 79.2                    | 18.0                 | 0.7                 | 7.2                                     | 0.3            |
| Calcium, ppm Ca                               | 60.6                    | 13.7                 | 0.5                 | 9.6                                     | 0.4            |
| Magnesium, ppm Mg                             | 29.4                    | 6.7                  | 0.2                 | 4.7                                     | 0.2            |
| Sodium, ppm Na                                | 106.1                   | 24.0                 | 0.9                 | 24.0                                    | 0.9            |
| Sodium Adsorption Ratio (SAR)                 | 3.94                    |                      |                     |                                         |                |
| Zinc, ppm Zn                                  | 0.1                     | 0.00                 | 0.00                | 0.00                                    | 0.00           |
| Iron, ppm Fe                                  | 1.4                     | 0.30                 | 0.00                | 0.20                                    | 0.00           |
| Manganese, ppm Mn                             | 0.3                     | 0.10                 | 0.00                | 0.00                                    | 0.00           |
| Copper, ppm Cu                                | 0.2                     | 0.00                 | 0.00                | 0.00                                    | 0.00           |
| Boron, ppm B                                  | 0.1                     | 0.00                 | 0.00                | 0.00                                    | 0.00           |
| EC/SS, mmho/cm                                | 2.03                    | 276                  | 10                  | 276                                     | 10             |
| pH                                            | 7.4                     |                      |                     |                                         |                |
| Dry Matter (TS), %                            | 0.18                    |                      |                     |                                         |                |

"<" - Not Detected / Below Detection Limit



2620 Airport Drive  
Ord, Nebraska 68862-1002  
Phone (308) 728-3221  
Fax (308) 728-5669  
[www.llnrd.org](http://www.llnrd.org)

January 23, 2026

Mr James R. Carr  
Carr Ranch  
82697 472 Avenue  
Burwell, NE 68823

Dear Mr Carr,

This letter is to inform you of the results of your water sample collected on 12/1/2025. This sample was collected from your Domestic well - 06GAD211511BAB1. The location of this well is the NE1/4 of the NW1/4 of Section 11, T21N, R15W, Garfield County.

Following are your data results-

| Station ID:     | Date:      | NO3N: | Analyzed By: |
|-----------------|------------|-------|--------------|
| 06GAD211511BAB1 | 12/1/2025  | 2.40  | Ward         |
| 06GAD211511BAB1 | 11/18/2024 | 2.50  | Ward         |
| 06GAD211511BAB1 | 11/14/2023 | 2.40  | Ward         |
| 06GAD211511BAB1 | 11/14/2022 | 2.70  | Ward         |
| 06GAD211511BAB1 | 11/30/2021 | 3.00  | Ward         |

The drinking water standard for Nitrate-Nitrogen is 10.0 mg/l, established by the Public Health Service. Your last test was found to be within-normal-limits for Nitrate-Nitrogen. Nitrates have become a concern in recent time and it's increase in Nebraska's groundwater has become evident. The Lower Loup NRD has been active in following these conditions and want to thank you for allowing us to collect a sample from your well.

If you have any questions concerning your results or on our water quality program in general, please feel free to contact me at anytime.

Sincerely,

Tylr Naprstek  
Assistant General Manager