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NE Dept of Water, Energy, & Environment
By: DWEE_182

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$125.00

CAFO Annual Report

Submitted to the Nebraska Department of Environmental Quality For: 2025

Carr Ranch, Inc.

82697 472nd 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 manure

   0 # Gallons of process waste water

4. Land Application Area:

   58.4 #Total acres in Nutrient Management Plan

   58.4 #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

20260018503

2025 Crop

		Yield/ 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

WARD Laboratories, Inc.

SAC SOIL ANALYSIS CERTIFICATION 2025 ALTA

Account ID: 34303

CARR RANCH INC
82697 472 AVE
BURWELL, NE 68823

Report Type: Soil
Invoice Number: 1509074
Date Received: 10/30/202
Date Reported: 11/3/2025

Results For: CARR RANCH INC **Location:** -

1:1 Soil pH	BpH Modified WDRF	Soluble Salts 1:1 mmho/cm	Excess Lime Rating	Organic Matter LOI-%	Nitrate-N KCl	Depth	Method	Ammonium Acetate				Sulfate M-3 ppm	DTPA-Sorbitol					$CaNO_3$ Chloride ppm Cl	Sum of Cations me/100g	% Base Saturation				
						Nitrate	Phosphorus ppm P	K ppm	Ca ppm	Mg ppm	Na ppm		Zn ppm	Fe ppm	Mn ppm	Cu ppm	B 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

Slurry Analysis Report

WARD Laboratories, Inc.

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 As Received	Lbs Per Acre Inch	Lbs Per 1000 gal	Available First Year Lbs / Acre Inch	Available First Year 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_2O_5	78.1	17.7	0.7	12.4	0.5
Potassium, ppm K_2O	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

Reviewed by: Ray Ward **11/4/2025**

Phone: 308-234-2418 **www.wardlab.com** **4007 Cherry Ave, Kearney Nebraska 68847**

LOWERLOUP
NATURAL RESOURCES DISTRICT

2620 Airport Drive
Ord, Nebraska 68862-1002
Phone (308) 728-3221
Fax (308) 728-5669
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