NEBRASKA

DEPT. OF WATER, ENERGY, AND ENVIRONMENT

ROUTINE INSPECTION - LONG FORM

Based Upon Title 130, "Livestock Waste Control Regulations," effective October 4, 2011

GENERAL INFORMATION

PERMITTEE NAME	COUNTY	IIS #	PROGRAM ID
Carr Ranch	Garfield	71773	83-1004

DATE OF INSPECTION	LEGAL DESCRIPTION OF OPERATION *(Qtr, Qtr, Sec., Twp. Range, E/W)*	NPDES PERMIT #
10/23/2025	N ½, Section 11, & SW ¼, SE ¼, Section 02, Township 21N, Range 15W	NEG022023

NDEE INSPECTOR(S)	DATE OF LAST INSPECTION
Nathan Kreutzer	06/30/2021
CONTACT	CONTACT TELEPHONE NUMBER
James Carr	(308) 214-0710

MAILING ADDRESS	CITY/TOWN	STATE	ZIP CODE
82697 472nd Avenue	Burwell	NE	68823

CONSULTING COMPANY	CONSULTING REPRESENTATIVE ON-SITE	SEND LETTER COPY TO CONSULTANT?
N/A	N/A	☐ YES ☒ NO

DESCRIPTION OF LWCF(S)

ONE (1) HOLDING POND, ONE (1) DEBRIS BASIN, THREE (3) DIVERSIONS

ARE EXISTING LWCF(S) INDICATED ABOVE PERMITTED AND SHOWN ON APPROVED PLANS? ☒ YES ☐ NO

LIVESTOCK SPECIES AND NUMBER OF HEAD

Type of Animals	Permitted #'s	Current #'s on-site
Feeder Cattle	2,500	1,071

NOTE: Check all subsections: N/A- Not Applicable, N/E – Not Evaluated, and N/R – Not Required
If necessary, describe any items marked "NO" under "Comments."

COMPLIANCE INFORMATION

	IN COMPLIANCE? YES	NO	NA/NE/NR
FILE REVIEW AT NDEE			
Operation has permits or approvals required to construct or operate livestock waste control facilities.	X		
Nutrient Management Plan is on file. DATE OF CURRENT PLAN: 4/10/2013	X		
Tank overflows indicated in the O&M Plan	X		
Tank overflows are analyzed or exempted. Date of Exemption:	X		
Approved Groundwater Monitoring Plan on file at NDEE (if monitoring required)			NA
Groundwater monitoring implemented as approved & results received within 45 days of sampling.			NA
Annual Report requirements met. (NPDES Permits Only) & Annual Fee paid as required by March 1 of each year: DATE RECEIVED: 03/04/2025	X		NOTE
Current employee with land application training, updated every 5 years. DATE COMPLETED: 02/15/2023 Name of Employee: James Carr	X		
NPDES permit renewal submitted 180 days prior to permit expiration. EXPIRATION DATE: 03/31/2027	X		
Is feed storage area contained or exempted. Date of Exemption:	X		
Discharge reported in 24 hours; written report in 5 days. Date, time and volume of overflow recorded	X		
Operation file review indicates compliance with terms of permit(s) or construction approval.	X		
ON-SITE REVIEW OF RECORDS AND DOCUMENTATION			
Design details of livestock waste storage structures kept onsite or at other approved location.	X		
Inspector granted access to the operation, facilities, records and groundwater monitoring wells.	X		

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Production area and land application site records kept for 5 years.	X		

Nutrient Management Plan/Land Application			
Documentation of date(s) manure, litter or process wastewater was applied to each field.	X		
Documentation of weather conditions at time of land application & 24 hours prior to and after application	X		
Documentation of the total amount of Nitrogen and Phosphorus actually applied to each field.			AR
Documentation of method used to apply manure, litter or process wastewater.	X		
Documentation that livestock waste application rate does not exceed field capacity of the soil and does not result in runoff. (recommend documenting the amount applied in acre inches and recording the % of the field applied to)			AR
Phosphorus risk assessment for each field, including legal description, date assessed, name of person who completed the assessment, and the level of risk. Completed prior to initial land application, then every 5 years. DATE MOST CURRENT P-INDEXES COMPLETED:	X		
No livestock waste is being applied to frozen/snow/ice-covered ground where soils have a High P-Index rating.			NA
No livestock waste is being land applied to sites where soils have a Very High P-Index rating.			NA
Records of soil analysis at each application site for Nitrogen and Phosphorus prior to application of waste. Soil analyzed annually for Nitrogen and every 5 years for Phosphorus			AR
Documented results of sampling and testing of manure, litter, and process wastewater. (Annual)			AR
Documentation of the sampling and testing of the groundwater used to irrigate the land application sites conducted prior to initial use and every 5 years thereafter. Date of last sample/test:	X		AR
Documentation of date(s) of transfers of any manure, litter or process wastewater to another person, including nutrient analysis results, name and address of recipient, and amount of waste transferred.	X		

NUMBERS BELOW ARE TO BE TAKEN FROM ON-SITE RECORDS REVIEW OF SELECTED LAND APPLICATION SITES.:

YEAR	APPLICATION SITE LEGAL DESCRIPTION	SOIL TEST N	MANURE N	EFFLUENT N	IRRIGATION N	COMMERCIAL N	OTHER N	PROPOSED		ACTUAL	
								N / ACRE	BUSHELS	N / ACRE	BUSHELS

COMMENTS: Annual Report (AR) 03/04/2025 ; Annual Reports were missing the proposed yield goals and soil credits. Mr. Carr was able to produce the yield goals and said he would make sure that the yield goal makes it into future annual reports, and to include soil credits in the future calculations.
I also informed Mr. Carr that the Holding Pond levels do not need to be submitted with the Annual Report.

Operation and Maintenance Plan Requirements for Recordkeeping			
Verification of inspection of irrigation distribution system mechanical devices.	X		
Documentation that the irrigation distribution system was inspected prior to each use, and monitored during use.	X		
Documentation of the dates that the equipment used to apply livestock waste was inspected.	X		
Documentation of weekly inspections of storm water and runoff diversion devices and structures.	X		
Documentation of daily inspections of production area water lines.	X		
Documentation of annual inspections of sludge and sediment accumulation in LWCFs.	X		
Documentation of any actions taken to correct deficiencies found as a result of required inspections.	X		
Documentation of precipitation events and for NPDES operations, the liquid depth after a precipitation event.	X		
Irrigation system is disconnected from water source during land application.	X		
For connected systems, mechanical devices include the check valve, a vacuum relief valve, inspection port and low pressure drain in proper locations.			NA
Waste handling equipment for emptying and cleaning facilities available to operate & maintain the facility.	X		
Maximum sludge depth not exceeded.	X		
Minimum Treatment Volume maintained in lagoon.			NA
Winter pump down level achieved prior to winter months.	X		

Waste storage volume does not exceed must-pump levels; if exceeds, volume is restored promptly.	X		
Documentation of inspections of the production area of the manure, litter, and process wastewater impoundments, noting the level in liquid impoundments during both weekly and monthly inspections.	X		
Documentation of the liquid depth after land application of waste from LWCF.	X		
COMMENTS:			
ON-SITE INSPECTION OF CHEMICAL/MORTALITY MANAGEMENT PLAN REQUIREMENTS			
Chemicals used and chemical waste disposed of according to Chemical Management Plan; records being maintained.	X		
Livestock mortalities managed according to Mortality Management plan, and records maintained. Method: Rendering + Composting	X		
COMMENTS:			
ON-SITE INSPECTION OF OPERATION AND MAINTENANCE PLAN REQUIREMENTS			
Surface water drainage diverted around LWCF(s) and production area; diversion structures are maintained.	X		
A permanent depth marker is installed, with one-foot increments clearly marked.	X		
Freeboard level clearly marked on depth marker.	X		
Winter pump-down level and must-pump level clearly marked on depth marker.	X		
Lagoon Minimum Treatment Volume level clearly marked.			NA
Security devices installed or methods in place to prevent tampering with irrigation or waste handling systems.	X		
Stockpiles located and managed to prevent discharges.	X		
Maintenance of LWCFs: Weeds, trees, rodents, & erosion controlled, livestock contact with LWCF prevented.	X		
Basins are in proper working condition & cleaned.	X		
Groundwater monitoring wells have a concrete pad & are locked.	X		
Facility is operating in accordance with the permit(s) and approved application.			NA
Facility has tank overflows that discharge out of containments. (list discharge locations in the comments)	X		
COMMENTS:			

NPDES Trigger Levels

LWCF ID	Pre-Winter Level	Start Pump Level	Max Water Level	Current Level
HP	3.1	4.3	10	5.5

COMMENTS: Pumping has been kept up ; NRD only allows limited pumping.

Signature of Inspector(s): Nathan Kreutzer Date: 10/27/2025