Nutrient Management Plan
Technical Review Check List

CHECK BOX FOR INFORMATION)

- [x] 1. Signed and dated
- [x] 2. Plat map included
- [x] 3. P –index detail report
- [x] 4. RUSLE 2 Erosion Calculation Record
- [x] 5. Public Notice Complete Received 2/20/25
  Contacted Becky TL 1/29/25

Owner: Peterson, Brian Feedlot Whiskey Creek
County: Woodbury
Facility ID #: 57143
Reviewer: Michelle Sabatini Rosacker
Date Received: 1/29/25
Date of [x] **Approval** [ ] **Denial:** 2/20/25
(Check one)

Page 1 Animal Feeding Operation Information

- [x] Location of the operation
- [x] Owner / phone
- [x] Complete contact address / phone
- [x] New, existing or expanding

Table 1

- [x] Animal Type
- [x] Maximum # of animals and housing type
- [x] Manure type
- [x] N and P concentration
- [x] Total Tons of manure produced
- [x] Total Gallons of Effluent

Page 2 Determining Maximum Allowable Manure Application Rates

- [x] Methods to determine crop yields
- [x] Timing of application
- [x] Method of Application
- [x] Application loss factor

Table 2

- [x] Total N of solids and effluent
- [x] Total P_2O_5 available for land application
- [x] %TN available 1st year, 2nd year, and 3rd year
- [x] Available N 1st year, 2nd year, and 3rd year

Table 3

- [x] Corn nitrogen crop usage rate (if corn is in the crop schedule)

Table 4

- [x] Row 1 Applying manure for (2-yr minimum)
- [x] Row 2 Optimum crop yield
- [x] Row 3 P_2O_5 removed with crop by harvest
- [x] Row 4 Crop N utilization
- [x] Row 6 Remaining crop N need
- [x] Row 7 Manure rate to supply remaining N
- [x] Row 8 P_2O_5 applied with N-based rate

Table 5 *(must be completed if P index value on page 3 column 7 is between >5 and 10 for any fields, otherwise Table 5 can be blank)*

- [x] Row 10 Manure rate to supply P removal
- [x] Row 11 Manure rate for P based plan
- [x] Row 12 Manure N applied with P based plan

Table 6

- [x] Row 13 Planned Manure Application Rate

Page 3 Year by Year NMP Summary

- [x] Field designation
- [x] Field location
- [x] Planned Crop
- [x] Acres receiving manure
- [x] Owned/rented/agreement included
- [x] P index value
- [x] Planned application rate (gal or ton/acre)
- [x] Planned application (gal or ton/field)
- [x] Correct Soils Test for P (Yes or No)

Supplemental Items

- [x] Proper management of mortalities
- [x] Appropriate clean water diversion
- [x] Animals have no direct contact with US Waters
- [x] Chemicals/containments properly disposed
- [x] Adequate storage for effluent; Operation and Maintenance Manual
- [x] Land application equipment inspections

- [x] **Click blue submit button below the ID# in eMMP, select Request for Approval, click Add Action, select Approve.**
- [x] **Attach the NMP Review Checklist in FOCD under Visit, Technical Assistance, AFO NMP reviewed & approved**
- [x] **Enter the approved date in the excel spreadsheet in the AFO\Open Feedlots & Combined Sites\NPDES Permits (current year)**

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