STATE OF MINNESOTA

Minnesota Pollution Control Agency

Regional Division

National Pollutant Discharge Elimination System (NPDES)/
State Disposal System (SDS) Permit for a Concentrated Animal Feeding Operation (CAFO)
Permit Number MN0070025

PERMITTEE: Kurt and Trisha Schumacher
Kenny and Mary Schumacher

FACILITY NAME: Schumacher Farms of Elgin Inc.

WATERSHED/BASIN: Zumbro River

TOWNSHIP: Elgin **COUNTY: Wabasha**

ISSUANCE DATE: TBD **EXPIRATION DATE: TBD**

The state of Minnesota, on behalf of its citizens, through the Minnesota Pollution Control Agency (MPCA), authorizes the Permittee to construct, install, and operate a livestock facility located in the SE¼ of Section 9, Township 108 North, Range 12 West, Elgin Township, Wabasha County (Facility), in accordance with the requirements of this permit.

The goal of this permit is to protect water quality in accordance with Minnesota and U.S. statutes and rules, including Minn. Stat. chs. 115 and 116, as amended, and Minn. R. ch. 7001, 7009, 7020, 7050, 7060, and the U.S. Clean Water Act.

This permit is effective on the issuance date identified above, and supersedes all previous certificates of compliance and previous permits that were issued for this Facility. This permit expires at midnight on the expiration date identified above.

Signature: _____

Wayne Cords *for* The Minnesota Pollution Control Agency
Supervisor, East Feedlot Unit
Mankato Office
Watershed Division

If you have questions on this permit, including specific permit requirements, permit reporting, or permit compliance status, please contact:

Minnesota Pollution Control Agency
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I. Permitted Facility Description

A. Existing Facility

The existing Facility consists of the following:

1. A 92-foot by 528-foot total confinement barn and a 109-foot by 204-foot total confinement barn that houses 537 head (751 animal units (AU)) of mature dairy cows over 1000lbs.
2. A 34-foot by 192-foot total confinement barn that houses 84 head (16.8 AU) of dairy calves.
3. A 40-foot by 100-foot partial confinement barn with a 50-foot by 100-foot open lot with run-off controls that houses 75 head (52.5 AU) of dairy heifers.
4. A 40-foot by 100-foot partial confinement barn with a 40-foot by 100-foot open lot with run-off controls that houses 75 head (52.5 AU) of dairy heifers.
5. A 40-foot by 120-foot total confinement barn that houses 88 head (17.6 AU) of dairy calves.
6. A 64-foot by 176-foot partial confinement barn with a 30-foot by 96-foot open lot with run-off controls that houses 132 head mature dairy cows under 1000 lbs (132 AU)
7. A 40-foot by 72-foot partial confinement barn with a 16-foot by 80-foot open lot with run-off controls that houses 52 head diary heifers (36.4 AU).
8. A 56-foot by 96-foot partial confinement barn with a 90-foot by 100-foot open lot with run-off controls that houses 60 head mature dairy cows over 1000 lbs (84 AU).
9. A 66-foot by 200-foot partial confinement barn with a 40-foot by 70-foot open lot with run-off controls that houses 50 head mature dairy cows over 1000 lbs and 70 head mature dairy cows under 1000 lbs (140 AU).
10. Fifty individual calf huts housing 30 dairy calves (6 AU)
11. Two concrete reception pits; 12 feet by 70 feet by 10 feet and 12 feet by 12 feet by 10 feet.
12. Three liquid manure storage areas; a 150-foot by 270-foot by 10-foot earthen storage basin, a 240-foot by 490-foot by 18-foot composite-lined storage basin, and a 100-foot by 205-foot by 10-foot poured reinforced concrete storage basin.
13. A 130-foot by 200-foot poured reinforced concrete liquid storage area (sand lanes and sand stacking area).
14. Four concrete solid manure stacking slabs; 16 feet by 34 feet, 40 feet by 60 feet, 16 feet by 16 feet and 30 feet by 40 feet
15. A 74,000-square-foot covered feed storage area.
16. A 110-foot by 280-foot bedding sand stacking area.
17. A 20-foot by 80-foot composting area for animal mortalities.
18. A 100-foot by 230-foot temporary solid manure stockpile area.

The existing Facility houses a total of 1289.6 AU.

B. Proposed Construction and/or Expansion

This Permit authorizes the Permittee to construct the following facility components in accordance with Minn. R. 7020, the schedule of compliance in Part III and all other Parts of this Permit, and the Permit application and associated approved plans and specifications.

1. A run-off control /collection and transfer system for the collection of silage leachate and feed pad run-off and the transfer of the leachate and feed pad run-off to the existing liquid manure storage system.
2. A proposed 100-foot by 200-foot total confinement barn to house 200 head (280 AU's) of mature dairy cows over 1000 lbs.
3. A proposed 87-foot by 194-foot milking center (parlor) and holding pen.

After the facility components listed above are constructed and all schedule of compliance items listed in Part III are completed, this permit authorizes the Permittee to increase the total AU housed at the Facility by 690.9 AU.

C. Final Facility

The final Facility will consist of:

1. A 92-foot by 528-foot total confinement barn that houses 525 head (735 AU) of mature dairy cows over 1000lbs.
2. A 109-foot by 204-foot total confinement barn that houses 210 head (294 AU) of mature dairy cows over 1000lbs.
3. A 34-foot by 192-foot total confinement barn that houses 140 head (28 AU) of dairy calves.
4. A 40-foot by 100-foot partial confinement barn with a 50-foot by 100-foot open lot with run-off controls that houses 100 head (70 AU) of dairy heifers.
5. A 40-foot by 100-foot partial confinement barn with a 40-foot by 100-foot open lot with run-off controls that houses 100 head (70 AU) of dairy heifers.
6. A 40-foot by 120-foot total confinement barn that houses 90 head (17.6 AU) of dairy calves.
7. A 64-foot by 176-foot partial confinement barn with a 30-foot by 96-foot open lot with run-off controls that houses 195 head dairy heifers and 150 head of dairy calves (166.5 AU).
8. A 40-foot by 72-foot partial confinement barn with a 16-foot by 80-foot open lot with run-off controls that houses 100 head diary heifers (70 AU).
9. A 56-foot by 96-foot partial confinement barn with a 90-foot by 100-foot open lot with run-off controls that houses 65 head mature dairy cows over 1000 lbs (91 AU).
10. A 66-foot by 200-foot partial confinement barn with a 40-foot by 70-foot open lot with run-off controls that houses 100 head mature dairy cows (140 AU).
11. Ninety individual calf huts housing 90 dairy calves (18 AU).
12. Two concrete reception pits; 12 feet by 70 feet by 10 feet and 12 feet by 12 feet by 10 feet.
13. Three liquid manure storage areas; a 150-foot by 270-foot by 10-foot earthen storage basin, a 240-foot by 490-foot by 18-foot composite-lined storage basin, and a 100-foot by 205-foot by 10-foot poured reinforced concrete storage basin.
14. A 130-foot by 200-foot poured reinforced concrete liquid storage area (sand lanes and sand stacking area).
15. Four concrete solid manure stacking slabs; a 16-foot by 34-foot, a 40-foot by 60-foot, a 16-foot by 16-foot, and a 30-foot by 40-foot.
16. A 74,000 square foot covered feed storage area with a leachate and feed pad run-off collection system which will transfer collected leachate and feed pad run-off to the existing liquid manure storage system.
17. A 110-foot by 280-foot bedding sand stacking area.
18. A 20-foot by 80-foot composting area for animal mortalities.
19. A 100-foot by 230-foot temporary solid manure stockpile area.

20. A 100-foot by 264-foot total confinement barn that houses 200 head (280 AU's) of mature dairy cows over 1000 lbs.
21. A 87-foot by 194-foot total confinement barn (milking center/parlor and holding area).

After the facility components listed above are constructed and all schedule of compliance items listed in Part III are completed , the Permittee is authorized to operate the final Facility at a final **capacity** of 1980.5 AU in accordance with this Permit and any approved plans and specifications submitted with the Permit application. The Permittee is prohibited from modifying the animal species and types housed within the animal holding facilities and/or exceeding the capacity of the animal holding facilities without first obtaining a modification of this Permit.

II. Facility Maps

A. Topographic Map

The permitted Facility is authorized to be operated in the location shown on this map.