



Minnesota Pollution Control Agency
Permit Application
 for an Animal Feed lot or Manure Storage Area



This permit application must be completed and submitted for Interim, Construction Short Form, National Pollutant Discharge Elimination System (NPDES) and State Disposal System (SDS) permits.

I. Owner's Name(s) and Address(es)

Name: _____ Name: _____
 Address: _____ Address: _____
 City: _____ City: _____
 State: _____ Zip: _____ State: _____ Zip: _____
 Phone: () _____ Phone: () _____

Note: If there are more than two owners, attach to this application the names, addresses and phone numbers of all additional owners. At least one owner must sign the permit application in Sections XI, and if applicable, Section XII.

II. Facility Name and Address (complete if facility name or address is different than information listed in Section I)

Legal name of facility: _____
 Note: If this is a Limited Liability Partnership (LLP) all partners must be listed in Section I.

Address: _____ City: _____
 State: _____ Zip: _____ Phone: () _____

III. Facility Location

County: _____ Township name: _____

Township (26 - 71 or 101 - 168)	Range (1 - 51)	Section (1 - 36)	A Section: (NW, NE, SW, SE)	1/4 of 1/4 Section (NW, NE, SW, SE)
T N	R W			

IV. Existing or Previous Permits, Reason for Application

A. List your registration number (if known) and any feedlot permits or certificates of compliance: _____

B. Reason for application: (Check all that apply) _____

- 1. Proposed new feedlot or manure storage area.
- 2. Proposed expansion in animal numbers at an existing feedlot.
- 3. Proposed expansion or modification of an existing liquid or solid manure storage area.
- 4. Proposed change in operation not described in 1 to 3, describe: _____
- 5. Request for a permit application by MPCA or delegated county staff following identification of the facility as a pollution hazard. Describe the conditions that make the facility a pollution hazard (or attach a copy of the inspection report) and a general description of the corrective or protective measures proposed to correct the pollution hazard(s): _____

- 6. Original application for an National Pollutant Discharge Elimination System (NPDES) permit
- 7. Request for re-issuance of an existing NPDES or SDS permit (for a permit that will expire in approximately 6 to 9 months).
- 8. Request for modification of an existing NPDES or SDS permit.
- 9. Other (describe): _____

V. Animal Numbers and Animal Unit Calculation

If you have an existing facility, list the number of animals (maximum capacity) for each animal type in column 3 below. Next, multiply the Animal Unit (AU) Factor in column 2 by the number of animals you listed in column 3 to get the Existing AU Capacity for each animal type (column 4). Add your animal unit capacity numbers in column 4 for a total and enter the existing total at the bottom of the chart. If you are proposing a new facility, leave columns 3 and 4 blank.

For both new and existing facilities, list the proposed number of animals (maximum capacity) that you will have at your facility in column 5. Next, multiply the AU Factor in column 2 by the number of animals you listed in column 5 to get the Maximum AU Capacity for each animal type (column 6). Note: the number you list in column 5 should include existing animals plus or minus any expansion or reduction in each animal type. Add your AU capacity numbers in column 6 for the Final AU Total and enter the total at the bottom of column 6.

1. Animal Type	2 Animal Unit Factor (see note below)	3. Existing Number of Animals (leave blank if new site)	4. Existing AU Capacity = column 2 x column 3	5 Maximum Number of Animals (after any expansion)	6 Maximum AU Capacity = column 2 x column 5
A Dairy Cattle					
Mature cow (milked or dry) over 1 000 pounds	1.4				
Mature cow (milked or dry) under 1,000 pounds	1.0				
Heifer	0.7				
Calf	0.2				
B Beef Cattle					
Slaughter steer or stock cow	1.0				
Feeder cattle (stocker or backgrounding) or heifer	0.7				
Cow and calf pair	1.2				
Calf	0.2				
C Swine					
Over 300 pounds (<i>breeding stock</i>)	0.4				
Between 55 and 300 pounds	0.3				
Under 55 pounds (<i>and separated from sow</i>)	0.05				
D Horses					
Horse	1.0				
E Sheep					
Sheep or lamb	0.1				
F Chickens					
Laying hen or broiler if a liquid manure system	0.033				
Chicken over 5 pounds, if a dry manure system	0.005				
Chicken under 5 pounds if a dry manure system	0.003				
G Turkeys					
Over five pounds	0.018				
Under five pounds	0.005				
H Ducks					
Duck	0.01				
I Animals not listed in A to H (AU factor in column 2 - average weight of the animal type divided by 1000 pounds)					
Animal type 1:- _____ Animal type 2: _____	1: _____ 2: _____	1: _____ 2: _____	1: _____ 2: _____	1: _____ 2: _____	1: _____ 2: _____
TOTAL ANIMAL UNIT CAPACITY Add all numbers in column 4 for existing AU total Add all numbers in column 6 for Final AU total			<u>Existing AU Total</u>		<u>Final AU Total</u>

Note: Animal unit values listed in column 2 are from MPCA rule 7020.0300, subpart 5. The values listed in column 2 are used to determine the need for Environmental Assessment Worksheets (EAWs) under Environmental Quality Board Rules Chapter 441 0. Counties and other local units of government may have different animal unit values that apply to feedlot operations. Federal regulations for Concentrated Animal Feeding Operations (CAFOs) under 40 CFR 122, Appendix B also have animal type thresholds and animal unit values that differ from those listed in column 2. For example, under federal regulations: a dairy cow under 1 000 lbs. is 1.4 AU; a beef feeder cattle is 1.0 AU; a swine over 55 lbs. is 0.4 AU; chickens are 0.01 AU if the facility has a dry manure system; and turkeys are 0.01 8 AU. Owners having 1 000 AU or more based on federal regulations, but less than 1 000 AU based on the values in column 2, may chose to apply for the federal NPDES permit to avoid any potential liability for a failure to comply with NPIDES permit program requirements.

VI. Buildings and Lots, Manure and Feed Storage Areas

Complete the table below for the animal holding, manure storage and feed/silage storage areas at your facility. A list of common types of facilities is provided to assist you in describing your site. Select the best terms from the list to describe the facility, or describe it in your own terms. If the total number of animal holding, manure storage and feed/silage storage areas on site is more than seven, please attach a separate sheet that includes the information requested below for each of the additional facilities. The numbered facilities below should correspond to the numbered facilities provided in your site aerial photograph/sketch required in Section IX.B.

A. Facility Number

1

2

3

4

5

6

7

Write "Existing" or "New"							
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B. Types of Animal Confinement Areas

Write approximate dimensions in feet in the space below (width x length)

Total confinement barn							
Partial confinement barn							
Open lot with runoff controls							
Open lot without runoff controls							
Pasture access (X or ✓ if yes)							

C. Facility Floor Type

Place "X" or "✓" in appropriate box

Slats over manure storage							
Concrete slab							
Earthen or dirt							
Other (describe)							

D. Liquid Storage Areas

Write approximate top dimensions in feet in the space below (width x length x depth)

Earthen or soil lined							
Poured reinforced concrete							
Composite lined							
Above ground concrete tank							
Fiberglass lined steel tank							
Concrete block or stave pit							
Milk center wastewater storage							
Feed/silage runoff storage							
Other (describe include other process wastewater storage)							

E. Solid Manure and Feed Storage Areas

Write approximate dimensions in feet in the space below (width x length x depth)

Stacking slab							
Stockpile							
Manure pack on lot or floor							
Other (including feed storage areas - describe if covered or uncovered)							

F. Animal Numbers

(these animal numbers should total the same as proposed animal numbers listed on page 2)

Dairy cows (over 1000 lb)							
Dairy cows (under 1000 lb)							
Dairy heifers							
Dairy Calves							
Slaughter steer or stock cow							
Feeder cattle or beef heifer							
Cow and calf pair							
Beef Calves							
Swine over 300 lb (breeders)							
Swine between 55 and 300 lb							
Swine under 55 lb							
Horses							
Sheep or lamb							
Laying hens or broilers							
Chicken over 5 lb							
Chicken under 5 lb							
Turkeys over 5 lb							
Turkeys under 5 lb							
Others (list types)							
1. _____							
2. _____							

VII. Soils, Location, Surface Water and Ground Water Features

A. Soils. List the soil type or texture, and depth to saturated soils at the facility as identified in the USDA Soil Survey Manual for your county, or from a site specific soil investigation. Owners submitting manure storage area plans and specifications (as required in Section IX.C. of this application) with a completed soils investigation should write "see enclosed" if included.

1. Soil type(s) or texture(s): _____
2. Depth to seasonal high water table or saturated soils: _____

B. Sensitive areas. The following questions are needed to determine compliance with location restrictions. Questions 1, 2 and 8 relate to restrictions in Minn. R. 7020. Questions 3 to 7 are necessary to evaluate mandatory Environmental Assessment Worksheet requirements under Minn. R. 4410.4300, for new facilities of 500 AU or more and existing facilities expanding by 500 AU or more. Is the facility (existing and proposed) located wholly or partially in any of the following sensitive locations:

1. shoreland:

- a. Are there any rivers or streams within 300 feet of the feedlot? Yes No
- b. Are there any lakes, ponds, or wetlands within 1000 feet of the feedlot? Yes No
- c. If you answered yes to (a) or (b), list the names of these water bodies and the approximate distance (in feet) to the feedlot:.

Name: _____ Approximate distance: _____
Name: _____ Approximate distance: _____

2. a delineated flood plain? Yes No

If yes, name: _____

3. a state or federally designated wild and scenic river district? Yes No
4. the Minnesota River Project Riverbend area? Yes No
5. the Mississippi headwaters area? Yes No
6. an area within a drinking water supply management area delineated under chapter 4720 where the aquifer is identified in the wellhead protection plan as vulnerable to contamination? Yes No
7. within 1,000 feet of a known sinkhole, cave, resurgent spring, disappearing spring, Karst window, blind valley, or dry valley? Yes No
8. if yes to question 7, is the facility within 300 feet of a sinkhole? Yes No

C. Wells.

1. Is the facility located within: 100 feet of a private well; or 1,000 feet of a community water supply well or other well serving a public school as defined under Minn. Statutes, section 120A.05, a private school excluding home school sites, or a licensed child care center where the well is vulnerable according to part 4720.5550, subpart 2? Yes No

2. What is the shortest distance (in feet) from an animal holding area to a well? Approximate distance: _____

Building/lot number from page 3- _____

3. What is the shortest distance (in feet) from an manure storage area to a well? Approximate distance: _____

Structure/area number from page 3- _____

- D. Are any surface tile intakes within 1000 feet of animal holding or manure storage areas? Yes No

VIII. Manure Management

A. List the number of acres available for spreading manure:

Acres owned: _____ Acres rented: _____ Acres available from neighbors: _____

- B. Manure Management Plan (MMP). At the time of submitting a permit application, is your MMP completed? An owner having 100 or more animal units applying for a permit must prepare and retain on file, a MMP meeting the requirements of Minn. Rule 7020.2225, subpart 4, Item D. Submittal of the MMP is required for all NPDES, SDS and interim permits at the time of applying for the permit. If you are applying for a construction short form permit the MMP must only be submitted when requested by the MPCA or the county feedlot officer. See also section IX. Required Enclosures, for when the MMP must be submitted with the permit application. Yes No

IX. Required Enclosures

Item A must be completed and enclosed for all permit applications. Items B through E must be enclosed if your facility meets the requirement listed. Permit applications submitted without all required enclosures are incomplete. **incomplete applications will not be processed until complete and may be returned to the owner.**

A. Enclose an aerial photograph/sketch of existing and proposed facilities. The photograph/sketch must show the location of buildings, manure storage areas, silage and feed storage areas, milking center storage or treatment areas and runoff control structures. The sketch must also show all tile inlets, wells, rivers or lakes, sinkholes and water courses within 1 000 feet of the facilities. Show the approximate path that water running off outside lots follows. Label barns, open lots and manure storage areas on this sketch with the same number that each structure is listed under on Page 3 of this application (i.e., Barn #1 on the page 3 should be labeled #1 on the photograph/sketch).

B. Except as noted in this paragraph, an owner having a capacity of 1 00 or more animal units must enclose with this permit application, a manure management plan meeting the requirements of Minn. Rule 7020.2225, subpart 4, Item D. Note: Owners applying to MPCA and some delegated counties for a construction short-form permit are not required to submit the completed MMP with the permit application, unless requested by the MPCA or county feedlot officer (CFO). If you are located in a delegated county, ask your CFO if this applies to your facility.

C. If construction, expansion or modification of a liquid manure storage structure is proposed as part of this, permit application, you must include with this permit application, Plans and specifications for the liquid manure storage area meeting the requirements in Minn. Rule 7020.2100. If construction, expansion or modification of a permanent manure stockpile site is proposed as part of this permit application and the stockpile site requires a liquid manure storage area for runoff containment, the owner must include plans and specifications required in Minn. Rule 7020.2100.

D. An owner of an animal feedlot or manure storage area proposing to construct a new facility or expand an existing facility capacity must complete Part 4 of the MPCA Notice of Construction or Expansion Form and submit a copy to all local units of government that may have zoning authority over the project.

E. An owner of an animal feedlot or manure storage area proposing to construct a new facility or expand an existing facility to 500 animal units or more must provide notice to each resident and owner of real property within 5000 feet of the perimeter of the proposed facility. The owner must complete Parts 3, 4 and 5 of the MPCA Notice of Construction or Expansion Form and enclose a copy with this application.

X. Additional Enclosures for Facilities of 1000 or More Animal Units

For any facility having or proposing a final capacity of 1000 or more animal units, the following materials must also be enclosed with this permit application. If not enclosed the application is incomplete.

A. An air emission plan meeting the requirements of Minn. Rule 7020.0505, subp. 4, Item B(1).

B. An emergency response plan meeting the requirements of Minn. Rule 7020.0505, subp. 4, Item B(2).

XI. Applicant's Agreement and Certification

I/we, the undersigned applicant(s), in accordance with Minnesota Rule 7020 for the control of pollution from animal feedlots and manure storage areas, hereby apply to the Minnesota Pollution Control Agency or delegated county for a permit to construct, expand and/or operate an animal feedlot or manure storage area. I/we certify that, in accordance with part 7020.0505, subpart 4, item E, Uwe will submit additional information relating to the facility design, construction, or operation as requested by the commissioner or county feedlot pollution control officer to evaluate compliance with applicable federal and state laws and rules.

I/we hereby certify that the construction and/or operation of the facility described in this permit application will be in accordance with the plans, specifications, reports and related communications approved by the MPCA or delegated county feedlot pollution control officer and on file in its office; and in accordance with the conditions that have been or may be imposed in the permit or any applicable regulations or standards of the MPCA. I also certify that the information contained in this application is to my knowledge and belief, true, complete and accurate. (Any knowingly false or misleading statement will be subject to penalties provided by law.)

Signature of Applicant(s): _____ Date: _____
_____ Date: _____

For office use only: Date received _____ Entered into database _____
Notes _____

Return this application to the Dodge County Planning Office at PO Box 297, Mantorville, MN 55955 (507) 635-6272

X11. Additional Requirements for NPDES Permit Applications

This section must be completed for any facility applying for a National Pollutant Discharge Elimination System (NPDES) permit. This section applies to all facilities of 1 000 animal units or more and facilities under 1 000 animal units that have been requested by the MPCA to submit an NPDES permit application. All applicants must complete one of the options under part A or part B.

Enclosed?

A. Option 1- Complete and enclose the following:

- 1. MPCA Water Quality Transmittal Form. Yes No
- 2. EPA Permit Application Form 2B for Concentrated Animal Feeding Operations. Yes No
- 3. Permit application fee of \$85.00 (check payable to Minnesota Pollution Control Agency). Yes No

B. Option 2- Complete the following (You do not need to complete this part if you completed part A):

- 1. List the 4-digit SIC codes (see list below) that apply to your facility: _____
- 2. List any other permits issued to your facility that are not listed on page 1 - _____
- 3. What is the design basis for your facility (select one):
 - i. 25yr / 24hr storm event = _____ inches
 - ii. Other _____ = _____ inches
- 4. How many acres contribute to the drainage area at your facility: _____
- 5. What is the design safety factor for you facility: _____
- 6. Is the facility on tribal land? Yes No
- 7. Enclose a permit application fee of \$85.00 (check payable to Minnesota Pollution Control Agency). Yes No
- 8. Permit fee invoice(s), if applicable, should be mailed to (check only one):
 - Facility Address in Section I Owner Address in Section 11
- 9. Reports and other correspondence should be mailed to (check only one):
 - Facility Address in Section I Owner Address in Section 11
- 10. **Certification.** I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Name and Official Title (print): _____

Phone Number: _____

Signature: _____ Date signed: _____

Summary of Standard Industrial Classification (SIC) Codes for AGRICULTURAL PRODUCTION - LIVESTOCK

- | | |
|-------------------------------|---|
| 021 1 Beef cattle feedlots | 0251 Broiler fryer and roaster chickens |
| 0213 Hogs | 0252 Chicken eggs |
| 0214 Sheep and goats | 0253 Turkeys and turkey eggs |
| 0241 Dairy farms | 0254 Poultry hatcheries |
| 0272 Horses and other equines | |

For a complete list and more detailed description of SIC Codes visit the following website <http://www.osha.gov/oshstats/sicser.html>