

Manure Management Plans Required by the DNR



Who needs a manure management plan (MMP)?

You do, if you

- Are the owner of a confinement feeding operation that has an animal unit capacity of more than 500 animal units, and
 - was constructed or expanded after May 31, 1985, or
 - if you are currently constructing a manure storage structure or a confinement building.
- Are applying for a construction permit (except egg washwater storage structures), or
- Are applying manure in Iowa that was produced in a confinement feeding operation that has more than 500 animal units and is located outside of Iowa.
- Own or manage two or more confinement feeding operations that are located within 2500 feet of each other; or that would be sharing a common area or system for manure disposal, regardless of the distance. In those cases, you may be required by law to combine the animal unit capacity of each to determine if you need an MMP. Check with your local Department of Natural Resources (DNR) field office to see if a plan is required for your operation.



Who needs an original manure management plan versus an annual update?

You need to submit an original plan if you are a new owner or if you are constructing, expanding or modifying a confinement feeding operation. The plan must be received by the DNR at least 30 days before beginning construction.

Owners of small animal feeding operations that are expanding to a size where an MMP is required must also have an original plan.

Any operation expanding over the construction permit threshold (1000 animal unit capacity) will need to file an MMP with the construction permit application.

Annual updates are submitted if you have previously submitted an original or first-time manure management plan for an operation and are not modifying or expanding that operation.

What is required with an original MMP?

The MMP must be submitted on DNR forms. The MMP form is available from the DNR or through the DNR web site at www.iowadnr.gov/afo under "AFO Forms". The following information must be submitted with the MMP form:

- a map, drawing or aerial photo which shows the location of the confinement operation;
- the filing fee form and a check for the \$250 filing fee, and the indemnity fee if required; and
- the verification form indicating that the county has received a copy of the MMP.



What will the DNR do?

The DNR is required by law to review and approve or deny MMPs within 60 days after receiving a complete plan. Owners not needing a construction permit may start construction 30 days after the plan is received by the DNR without waiting for approval, but the plan must be approved before manure can be applied. After receiving the complete plan, DNR will send a letter indicating the date construction can start.

How do you know if you have 500 animal units?

Check the table below to see the **animal unit capacity (AUC)** of your facility. To calculate the **AUC** of the operation, multiply the maximum number of each animal species confined at one time by the appropriate factor indicated below, then add all animal units together:

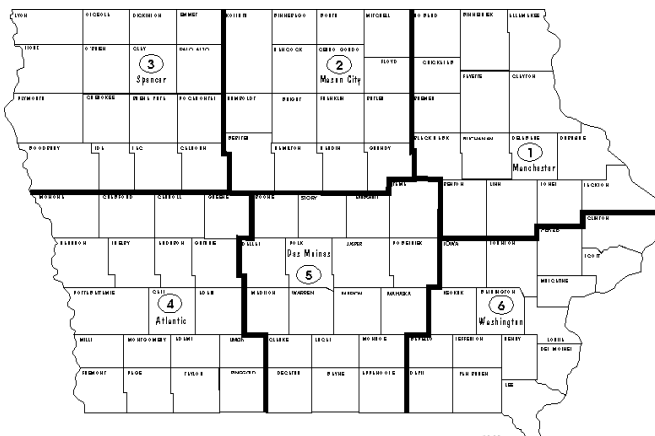
$$\text{AUC} = (\text{No. of HEAD}) \times (\text{FACTOR})$$

Animal Species	(No. HEAD)	*(FACTOR)	= AUC
Slaughter or feeder cattle		1.0	
Immature dairy cattle		1.0	
Mature dairy cattle		1.4	
Swine over 55 lbs.		0.4	
Swine 15 lbs. to 55 lbs.		0.1	
Sheep, lambs, or goats		0.1	
Horses		2.0	
Turkeys 7 lbs. or more		0.018	
Turkeys less than 7 lbs.		0.0085	
Broiler or layer chickens 3 lbs. or more		0.01	
Broiler or layer chickens less than 3 lbs.		0.0025	
Ducks		0.040	
Fish 25 grams or more		0.001	
Fish less than 25 grams		0.00006	
TOTAL:			

Need Assistance?

Assistance in developing an MMP may be available from a number of sources, including private consultants, Iowa State University Extension, and USDA's Natural Resources Conservation Service. Some of these sources will prepare a complete plan for an operation, while others will only provide general assistance. Contact your county extension or NRCS office to determine the assistance they will provide, as well as to obtain a list of consultants who will prepare plans.

If you have specific questions about the MMP forms, contact your regional DNR field office. See map below for contact information and to determine the appropriate office.



DNR Environmental Services Division

Field Office #1

1101 Commercial Ct
Manchester, IA 52057
563-927-2640

Field Office #2

2300 15th St SW
Mason City, IA 50401
641-424-4073

Field Office #3

1900 N. Grand Ave.
Spencer, IA 51301
712-262-4177

Field Office #4

1401 Sunnyside Ln
Atlantic, IA 50022
712-243-1934

Field Office #5

502 E. 9th Street
Des Moines, IA 50319
515-725-0268

Field Office #6

1023 W. Madison
Washington, IA 52353
319-653-2135