

# Animal feedlot or manure storage area permit application

## CSF and Interim Permit Program

Doc Type: Permit Application

**Applicability:** Use this form to obtain, modify, or extend the term of a construction short form (CSF) or interim permit when a feedlot meets both of the following:

- The feedlot is located in a delegated county.
  - Map of delegated counties: <https://www.pca.state.mn.us/sites/default/files/wq-f1-12.pdf>
- The feedlot does not meet or exceed a federal large Concentrated Animal Feeding Operation (CAFO) threshold.
  - Table of large CAFO thresholds: [https://www3.epa.gov/npdes/pubs/sector\\_table.pdf](https://www3.epa.gov/npdes/pubs/sector_table.pdf)

All other feedlots must use the MPCA online permit application service available at: <https://webapp.pca.state.mn.us/services/login/>. After completing and signing this form, submit it and any required enclosures to the County Feedlot Officer (CFO).

**Keep a copy of this application form and all submittals for your records.**

### I. Permit type and reason for application

Feedlot Registration Number: \_\_\_\_\_

Please indicate which type of feedlot permit you are applying for (choose only one):

- Construction Short Form     Interim (correcting a pollution hazard)

Please indicate the reason for the permit application (choose only one):

- New Permit  
(No existing CSF or interim permit)
- Permit Modification  
(Changes to sites with an existing CSF or interim permit)
- Permit Extension - Current CSF or Interim Permit number: \_\_\_\_\_  
(Work not completed prior to permit expiration)

**For extension requests only** - Indicate below the reason(s) the work may not be completed prior to permit expiration

Estimated amount of time required to complete the work: \_\_\_\_\_  days  months  
 Note: The length of the extension is limited to 24 months for CSF permits and 90 days for interim permits

**Note:** When the notice to neighbors and property owners is required the content of the notice must include the date the original permit was issued and the new proposed completion date as well as the normally required information.

### II. Owner's name(s) and address(es) - (All partners of a Limited Liability Partnership (LLP) must be listed.)

**Primary owner** – Will be used as the mailing address

**Additional owner** – attach additional sheets as necessary

Name: _____	Name: _____
Address: _____	Address: _____
City: _____ State: _____	City: _____ State: _____
Phone: _____ Zip: _____	Phone: _____ Zip: _____
Email: _____	Email: _____

**Note:** The term owner includes all persons having possession, control, or title to an animal feedlot or manure storage area (including lessees or renters). All owners must be listed. Attach to this application the names, addresses, and phone numbers of all additional owners.

### III. Facility name and site address

### Contact person for day-to-day activities

Site Name: _____	Name: _____
<input type="checkbox"/> Facility is a MN Ag Water Quality Certified Farm (MAWQCP)	Street: _____
Complete if facility address is different than the primary owner address:	City: _____ State: _____
Street: _____	Phone: _____ Zip: _____
City: _____ State: MN	Cell phone: _____
Phone: _____ Zip: _____	Email: _____

(General letters/notices may be sent by email where one is indicated.)

## IV. Facility location

County: \_\_\_\_\_

Township name: \_\_\_\_\_

Township (26 – 71 or 101 – 168)		Range (1 – 51)		Section (1 – 36)	¼ Section (160 acre) (NW, NE, SW, SE)	¼ of ¼ Section (40 acre) (NW, NE, SW, SE)
T	N	R	W			

## V. Sensitive features

1. Is any part of the facility within 1,000 feet of any type of surface waters or tile intake?  Yes  No

If Yes, select all types below

- Lake     River     Stream (Perennial or Intermittent)     Tile Intake  
 Pond     Creek     Ditch     Wetland     Calcareous Fen     Unknown

2. Is any part of the facility located within 300 feet of a river/stream?  Yes  No

3. Is any part of the facility located within a delineated flood plain (100 year flood)?  Yes  No

4. Is any part of the facility located within designated shoreland?  Yes  No

5. Is any part of the facility located within 1,000 feet of a karst feature? (sinkholes, caves, disappearing springs, resurgent springs, karst windows, dry valleys, or blind valleys)  Yes  No

If Yes, complete a. and b. below:

- a. Are there 4 or more sinkholes within 1,000 feet?  Yes  No

- b. Is any part of the facility within 300 feet of a known sinkhole?  Yes  No

6. Is any part of the facility located within 1,000 feet of a well:  Yes  No

If Yes, complete a. and b. below:

- a. What is the shortest distance from a well to any animal holding area? \_\_\_\_\_ ft.

What is the shortest distance from a well to any manure storage area? \_\_\_\_\_ ft.

- b. Indicate if the well is any of the following types:

- a community water supply well  
 a well serving a public school as defined under Minn. Stat. § 120A.05  
 a well serving a private school excluding home school sites  
 a well serving a licensed child care center where the well is vulnerable (Minn. R. 4720.5550, subp. 2)

## VI. Environmental Review (complete when construction or expansion is proposed)

Mandatory environmental review is required for the addition of 1,000 or more animal units (AU) at any facility. This threshold is reduced to 500 AU in "sensitive areas". The facility is within a sensitive area when any of the following apply.

- Any part of the facility is within a delineated floodplain (yes to question 3 above)
- Any part of the facility is within designated shoreland (yes to question 4 above)
- Any part of the facility is within 1,000 feet of a karst feature (yes to question 5 above)
- Any part of the facility is within a vulnerable drinking water supply management area
- Any part of the facility is within a federal, state, or local wild and scenic river district
- Any part of the facility is located within the Minnesota River Project Riverbend area or the Mississippi headwaters area

Additionally mandatory environmental review is required for "Phased actions". Phased actions are two or more projects located in the same geographic area and constructed within three years of each other by the same proposer. When this is the case, the animal units from all projects are combined to determine if environmental review is required.

Do you have ownership interest in another livestock operation that was constructed/expanded within the past three years or are you substantially certain you will be constructing/expanding another livestock operation within the next three years?

Yes  No

If Yes, how far away (straight-line distance) is it located from the project proposed in this application? \_\_\_\_\_ miles

There are also rule provisions to require completion of the environmental review process in the event of a citizen petition or upon the discretion of the MPCA. Please see the MPCA fact sheet entitled "[When is Environmental Review Required for Feedlots](https://www.pca.state.mn.us/quick-links/environmental-review)" (available on the MPCA website at <https://www.pca.state.mn.us/quick-links/environmental-review> and/or Minn. R. 4410 for further details.

## VII. Animal numbers and animal unit (AU) calculation

Complete the table below to identify the **maximum** number of animals housed at that facility. All animal numbers and animal sizes used to complete this table should reflect the animal holding **capacity** of the facility even if the facility does not currently house or propose to house that number of animals. At no time is the number of animals at the facility allowed to exceed the capacity provided below without first obtaining a permit or permit modification.

**Current Capacity** - List the current head count **capacity** for each animal type in column 3 below. For sites with a permit, this should match the currently permitted number of animals. Next, multiply the AU Factor in column 2 by the number of animals listed in column 3 to get the *Current AU Capacity* for each animal type (column 4). Finally, add together all AU's in column 4 to get a total at the bottom of the chart. *If this application is for a brand-new feedlot site leave columns 3 and 4 blank. (i.e., bare piece of ground)*

**Final Capacity** - List the final head count **capacity** for each animal type in column 5 below. This number should include current animals plus or minus any expansion or reduction in each animal type. This should reflect the maximum AU capacity requested with this permit application. Next, multiply the AU Factor in column 2 by the number of animals listed in column 5 to get the *Final AU Capacity* for each animal type (column 6). Finally, add together all AU's in column 6 to get a total at the bottom of the chart.

1. Animal type	2. Animal unit factor	Current facility capacity		Final facility capacity (Current +/- Changes)	
		3. Head count	4. Animal units = column 2 x column 3	5. Head count	6. Animal units = column 2 x column 5
<b>A. Dairy cattle</b>					
Mature cow (milked or dry) over 1,000 lbs.	1.4				
Mature cow (milked or dry) under 1,000 lbs.	1.0				
Heifer	0.7				
Calf	0.2				
<b>B. Veal</b>					
Veal	0.2				
<b>C. Beef cattle</b>					
Slaughter steer/heifer, stock cow, or bull	1.0				
Feeder cattle (stocker or backgrounding), heifer	0.7				
Cow and calf pair	1.2				
Calf (weaned)	0.2				
<b>D. Swine</b>					
Over 300 lbs.	0.4				
Between 55 and 300 lbs.	0.3				
Under 55 lbs.	0.05				
<b>E. Horses</b>					
Horse	1.0				
<b>F. Sheep</b>					
Sheep or Lamb	0.1				
<b>G. Chickens with a liquid manure system</b>					
Layer Hens or Broilers	0.033				
<b>H. Chickens with a dry manure system</b>					
Broilers over 5 lbs.	0.005				
Broilers under 5 lbs.	0.003				
Layer Hens over 5 lbs.	0.005				
Layer Hens under 5 lbs.	0.003				
<b>I. Turkeys</b>					
Over 5 lbs.	0.018				
Under 5 lbs.	0.005				
<b>J. Ducks</b>					
Duck (with a liquid manure handling system)	0.01				
Duck (with a dry manure handling system)	0.01				
<b>K. Animals not listed in A to J (AU factor in column 2 = average weight of the animal type divided by 1,000 lbs.)</b>					
Animal type:					
<b>Total animal unit capacity</b>			<b>Current AU capacity</b>		<b>Final AU capacity</b>
Add all numbers in column 4 for Current AU total					
Add all numbers in column 6 for Final AU total					

## VIII. Animal holding areas

Do any animals at the facility have access to pasture?  Yes  No

Complete the table below for the following animal holding areas. If needed, continue your list on an additional copy of this page.

- Total confinement barn with underfloor pit** - A barn where animals cannot access an outdoor area and liquid manure enters storage directly beneath the floor. This includes "shallow pits" or "pull plugs".
- Total confinement barn** - A barn where animals cannot access an outdoor area.
- Partial confinement barn** - A barn where animals can directly access an outdoor area (i.e., associated open lot).
- Open lot** - An uncovered area where animals are housed outdoors.
- Individual animal housing area** - A structure that houses only one animal at a time (i.e., calf huts/hutches).
- Working-Sorting-Hospital area** - A structure or area, covered or uncovered, where animals temporarily enter during load-out or load-in events or when additional care is needed to address medical issues with the animal.
- Milk parlor-Holding area** - A structure or area where animals temporarily enter prior to or during milking.

**List each animal holding area in a separate column**  
Use the far right column for non-rectangular holding areas

Animal holding area ID	Non-Rectangular					
Facility Site Sketch ID (i.e., #1, A, Barn 1)						
<b>Status:</b> (check one box only)	<input type="checkbox"/> Proposed	<input type="checkbox"/> Proposed	<input type="checkbox"/> Proposed	<input type="checkbox"/> Proposed	<input type="checkbox"/> Proposed	<input type="checkbox"/> Proposed
<i>Proposed</i> - not permitted previously or permitted but not yet operational	<input type="checkbox"/> Existing	<input type="checkbox"/> Existing	<input type="checkbox"/> Existing	<input type="checkbox"/> Existing	<input type="checkbox"/> Existing	<input type="checkbox"/> Existing
<i>Existing</i> - current operational component	<input type="checkbox"/> Eliminating	<input type="checkbox"/> Eliminating	<input type="checkbox"/> Eliminating	<input type="checkbox"/> Eliminating	<input type="checkbox"/> Eliminating	<input type="checkbox"/> Eliminating

**List approximate holding area dimensions in feet**

(If non-rectangular, use the far right column and list surface area)

Type of animal holding areas	Length X Width	Length X Width	Length X Width	Length X Width	Length X Width	Non-Rectangular (Surface Area)
Total confinement barn with underfloor pit	X	X	X	X	X	sq. ft
Underfloor pit maximum depth (ft)	Pit Depth:	Pit Depth:	Pit Depth:	Pit Depth:	Pit Depth:	Pit Depth:
Underfloor pit volume (gal)	gal	gal	gal	gal	gal	gal
Total confinement barn	X	X	X	X	X	sq. ft
Partial confinement barn	X	X	X	X	X	sq. ft
Associated open lot dimensions (list area for non-rectangular lots)	X sq. ft	X sq. ft	X sq. ft	X sq. ft	X sq. ft	X sq. ft
Open lot	X	X	X	X	X	sq. ft
Individual animal housing area (i.e., calf huts/hutches that house one animal)	X	X	X	X	X	sq. ft
	Quantity:	Quantity:	Quantity:	Quantity:	Quantity:	Quantity:
Working-Sorting-Hospital area	X	X	X	X	X	sq. ft
Milk parlor-Holding area	X	X	X	X	X	sq. ft
Other buildings for animal husbandry	X	X	X	X	X	sq. ft

**Indicate the maximum capacity (number of animals) of each animal holding area**

The total number of all animals listed should match the final animal numbers listed on page 3.

Animal numbers						
Mature dairy cows (over 1,000 lbs.)						
Mature dairy cows (under 1,000 lbs.)						
Dairy heifers						
Dairy calves						
Veal						
Slaughter steer/heifer, stock cow or bull						
Feeder cattle-stocker/background/heifer						
Cow and calf pair						
Beef calves (weaned)						
Swine over 300 lbs.						
Swine between 55 and 300 lbs.						
Swine under 55 lbs.						
Horses						
Sheep or lamb						
All chickens with liquid manure system						
Broiler chickens over 5 lbs. - dry system						
Broiler chickens under 5 lbs. - dry system						
Laying hens over 5 lbs. - dry system						
Laying hens under 5 lbs. - dry system						
Turkeys - over 5 lbs.						
Turkeys - under 5 lbs.						
Other:						

## IX. Liquid Manure Storage Areas (LMSA)

Complete the table below for all your LMSAs based upon liner type. If needed, continue your list on an additional copy of this page.

### Additional Instructions:

- Do not list below barn LMSAs in this table** – This information has been captured in the animal holding areas table.
- LMSAs with more than one liner type - List this LMSA in the category that represents the sidewall primary liner type.  
*For example: a LMSA with a concrete floor and earthen sidewalls should be listed in the LMSA - Earthen category.*
- LMSAs with dual liners, which is a primary liner underlain by a secondary liner (typically only in karst susceptible areas) - List the LMSA in the category that represents the primary liner; which is, the liner in direct contact with the manure.  
*For example: a HDPE plastic lined LMSA underlain by a compacted clay liner should be listed in the LMSA - Synthetic category.*
- Use the two right columns for circular and other non-rectangular shapes.

LMSA ID	List each LMSA in a separate column						Circular	Non-Rectangular
Facility Site Sketch ID								
<b>Status:</b> (check only one) <i>See animal holding area table for definitions</i>	<input type="checkbox"/> Proposed <input type="checkbox"/> Existing <input type="checkbox"/> Eliminating	<input type="checkbox"/> Proposed <input type="checkbox"/> Existing <input type="checkbox"/> Eliminating	<input type="checkbox"/> Proposed <input type="checkbox"/> Existing <input type="checkbox"/> Eliminating	<input type="checkbox"/> Proposed <input type="checkbox"/> Existing <input type="checkbox"/> Eliminating	<input type="checkbox"/> Proposed <input type="checkbox"/> Existing <input type="checkbox"/> Eliminating	<input type="checkbox"/> Proposed <input type="checkbox"/> Existing <input type="checkbox"/> Eliminating	<input type="checkbox"/> Proposed <input type="checkbox"/> Existing <input type="checkbox"/> Eliminating	<input type="checkbox"/> Proposed <input type="checkbox"/> Existing <input type="checkbox"/> Eliminating

Type of LMSA Liner <i>Do not list below barn LMSAs</i>	List approximate LMSA dimensions in feet <i>(If non-rectangular, use the appropriate column and list diameter or surface area)</i>						Circular	Non-Rectangular <i>(Surface Area)</i>
	Length X Width	Length X Width	Length X Width	Length X Width	Length X Width	Length X Width	Diameter:	Depth:
LMSA - Earthen	X	X	X	X	X	X	Diameter:	sq. ft
Maximum depth (ft)	Depth:	Depth:	Depth:	Depth:	Depth:	Depth:	Depth:	Depth:
LMSA - Concrete	X	X	X	X	X	X	Diameter:	sq. ft
Maximum depth (ft)	Depth:	Depth:	Depth:	Depth:	Depth:	Depth:	Depth:	Depth:
LMSA – Synthetic <sup>a</sup>	X	X	X	X	X	X	Diameter:	sq. ft
Maximum depth (ft)	Depth:	Depth:	Depth:	Depth:	Depth:	Depth:	Depth:	Depth:
LMSA – GCL <sup>b</sup>	X	X	X	X	X	X	Diameter:	sq. ft
Maximum depth (ft)	Depth:	Depth:	Depth:	Depth:	Depth:	Depth:	Depth:	Depth:
LMSA – Steel tank <sup>c</sup>	X	X	X	X	X	X	Diameter:	sq. ft
Maximum depth (ft)	Depth:	Depth:	Depth:	Depth:	Depth:	Depth:	Depth:	Depth:
LMSA – Other	X	X	X	X	X	X	Diameter:	sq. ft
Maximum depth (ft)	Depth:	Depth:	Depth:	Depth:	Depth:	Depth:	Depth:	Depth:

### List the LMSA volume in gallons

Volume of LMSA (gal)							
----------------------	--	--	--	--	--	--	--

a. Synthetic liners include all plastic or rubber liners (HDPE, EPDM, LDPE, LLDPE, PVC, etc.).

b. GCL refers to all types of geosynthetic clay liners where bentonite clay is confined between two synthetic membranes (i.e., bentomat®).

c. Steel tank refers to above ground steel tanks including those with concrete floors (i.e., slurystore®).

## X. Other Facility Components

Complete the table below for the following facility components. If needed, continue your list on an additional copy of this page.

- Permanent Stockpile** - An area where solid manure is stored or processed. Do not list temporary stockpiles
- Feed Storage Area** - Areas where any type of feed is stored in outdoor piles/bunkers, including those covered with plastic.  
**DO NOT** list vertical silos, grain bins, commodity sheds, or other totally enclosed structures.
- Mortality Compost Area** - **ONLY** list mortality management areas that compost dead animals with litter or manure.
- Vegetated Infiltration Area (VTA)** - A vegetated area with berms on all sides so that liquid can only leave via infiltration into the soil.
- Filter-Buffer Strip** - A vegetated area where liquid flows over a grassed area and is allowed to leave the area via surface flow.

### List each component in a separate column

Component ID	Use the two far right columns for non-rectangular shapes						Non-Rectangular	Non-Rectangular
Facility Site Sketch ID								
<b>Status:</b> (check only one) <i>See animal holding area table for definitions</i>	<input type="checkbox"/> Proposed <input type="checkbox"/> Existing <input type="checkbox"/> Eliminating	<input type="checkbox"/> Proposed <input type="checkbox"/> Existing <input type="checkbox"/> Eliminating	<input type="checkbox"/> Proposed <input type="checkbox"/> Existing <input type="checkbox"/> Eliminating	<input type="checkbox"/> Proposed <input type="checkbox"/> Existing <input type="checkbox"/> Eliminating	<input type="checkbox"/> Proposed <input type="checkbox"/> Existing <input type="checkbox"/> Eliminating	<input type="checkbox"/> Proposed <input type="checkbox"/> Existing <input type="checkbox"/> Eliminating	<input type="checkbox"/> Proposed <input type="checkbox"/> Existing <input type="checkbox"/> Eliminating	<input type="checkbox"/> Proposed <input type="checkbox"/> Existing <input type="checkbox"/> Eliminating

### List approximate component dimensions in feet

*(If non-rectangular, use one of the two far right columns and list surface area)*

Type of Component	Length X Width	Length X Width	Length X Width	Length X Width	Length X Width	Non-Rectangular	Non-Rectangular
Permanent Stockpile	X	X	X	X	X	sq. ft	sq. ft
Feed Storage Area	X	X	X	X	X	sq. ft	sq. ft
Mortality Compost Area	X	X	X	X	X	sq. ft	sq. ft
Infiltration Area (VTA)	X	X	X	X	X	sq. ft	sq. ft
Filter-Buffer Strip	X	X	X	X	X	sq. ft	sq. ft

## XI. Construction stormwater (CSW) requirements (complete only if construction is proposed)

When construction activities are proposed, indicate the expected acreage of soil disturbance: \_\_\_\_\_ acres

Construction at the facility disturbs one acre or more but less than 5 acres must comply with the requirements of the CSW NPDES general permit, unless a separate application is made for a CSW permit.

Prior to construction at the facility that disturbs 5 or more acres an application for a CSW permit is required.

## XII. Notifications and public meetings

The notifications and public meetings below are required to be done **before** permit issuance.

### A. Notification to local zoning officials

**When required.** This notification is required in **either** of the following situations:

- **Construction of a new** feedlot, or manure storage area (i.e. new site) of any AU capacity.
- **Expansion of an existing** feedlot, or manure storage area of any AU capacity.

**Notification methods.** The applicant must provide notification of the construction or expansion to all local zoning authorities, including county, town, and city zoning authorities, at least 30 days prior to commencement of the construction or expansion. This notification *must* include, at a minimum, the information provided in Minn. R. 7020.2000, subp.4.,A (1) (a) (i to v).

An example notification can be found in the factsheet [Public Notification Requirements – Feedlots](https://www.pca.state.mn.us/feedlots) available on the MPCA website at <https://www.pca.state.mn.us/feedlots>.

### B. Notice to residents and property owners within 5,000 feet of a proposed project

**When required.** This notice is required in **either** of the following situations:

- **Construction of a new** feedlot, or manure storage area, which will have a capacity of 500 AU or more (i.e. new site).
- **Expansion of an existing** feedlot, or manure storage area, which currently has, or will have upon completion of the expansion, a capacity of 500 AU or more.

**Notice methods.** The owner shall not less than 20 business days before the anticipated issuance date of the permit, provide notice to each resident and each owner of real property within 5,000 feet of the perimeter of the proposed facility. This notice *must* include, at a minimum, the information provided in Minn. R. 7020.2000, subp.4.

An example notice can be found in the factsheet [Public Notification Requirements – Feedlots](https://www.pca.state.mn.us/feedlots) available on the MPCA website at <https://www.pca.state.mn.us/feedlots>.

#### Verification of notice.

The CFO must verify that this notice has been completed prior to permit issuance.

Please include with this permit application one of the following options that provides verification that the required notice has been completed:

- An affidavit of publication from a newspaper of general circulation used to provide this notification.
- A list of all parties, with their location, that were notified by certified mail and copies of all signed mail return receipts.
- A list of all parties, with their location, that were personally visited with a date and signature from each party and certification signed by a notary public indicating in detail what was discussed.

### XIII. Certifications and signature

#### Notification to local officials

The Applicant certifies that, if the application includes construction of a new facility or expansion of an existing facility, all local zoning authorities have been notified in accordance with Minn. R. 7020.2000 subp. 5.

#### Construction Stormwater (CSW) Requirements

The Applicant certifies that, if construction will disturb 5 or more acres, they have made a separate application for a CSW permit. For construction activities that disturb at least 1 acre but less than 5 acres, the Applicant certifies to comply with the requirements of the current CSW NPDES general permit (Minn. R. 7090.2020 provides permit coverage without the need for an application).

#### Application processing by the MPCA

If the MPCA or CFO determines that the CFO is unable to issue the CSF or interim permit as specified by Minn. R. 7020.1600 subp. 4a, the Applicant agrees to submit a new application using the MPCA online feedlot permit application service.

#### Applicant Signature

I hereby certify that the design, construction, and operation of the facility will be in accordance with this application and plans, specifications, reports, and related communications approved by the CFO, and in accordance with applicable permit conditions or regulations/standards of the MPCA. I also certify under penalty of law that this document and all attachments were prepared under my direction or supervision and the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

The person that signs this application must be one of the following:

- A. For a corporation, a principal executive officer of at least the level of vice president
- B. For a partnership, a general partner
- C. For a sole proprietorship, the proprietor

**By typing/signing my name below, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing this form.**

Signature: \_\_\_\_\_ Title: \_\_\_\_\_  
(This document has been electronically signed.) Date (mm/dd/yyyy): \_\_\_\_\_  
Office phone: \_\_\_\_\_ Cell phone: \_\_\_\_\_

To sign up for electronic communications including the MPCA feedlot newsletters, please go to the MPCA website at <https://public.govdelivery.com/accounts/MNPCA/subscriber/new>.

#### Required enclosures

Permit applications submitted without all required enclosures are incomplete.

All forms are available on the [CSF & Interim permits](#) page of the MPCA feedlot program website at: <https://www.pca.state.mn.us/feedlots>

- A. A site sketch/aerial photograph indicating the location of the existing and proposed facility components.
- B. A Manure/Nutrient Management Plan (MMP) – The following are optional forms to assist with MMP development:

When **all** manure is transferred to another entity for utilization, complete a MMP using the form:

[MMP requirements when ownership of manure is transferred.](#)

When **all** manure is applied to land owned, rented, or leased by the applicant(s), or applied to other land where nutrient application decisions are made by the applicant(s), complete a MMP using the spreadsheet form:

[MPCA Manure Management Planner.](#)

When **some** (not all) manure is transferred to another entity for utilization, complete a MMP using both forms:

[MMP requirements when ownership of manure is transferred](#) and

[MPCA Manure Management Planner.](#)

- C. Plans and Specifications for construction, modification, or expansion of any of the following:
  - Liquid manure storage area
  - Vegetative infiltration area (VTA or VIB)
  - Permanent manure stockpile
  - Filter-Buffer strip
- D. Verification of the notifications required in part XII of this application.