



**PARTS 5 through 11 meet the NMP requirements for an export only operation.**

<b>PART 5– MANURE STORAGE</b>	
State regulations require CAFOs to ensure adequate storage of manure, litter, or process wastewater, including the proper operation and maintenance of each storage facility.	
5.1 Does each storage structure have adequate storage, properly operated and maintained so as not to discharge? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>PART 6 – ANIMAL MORTALITY</b>	
State regulations require proper management of animal mortalities be in place at all CAFOs. There should be no discharge from dead animal collection, holding, or disposal areas at the CAFO's production areas. In addition, the Missouri Department of Agriculture requires the collection or disposal of dead animals in accordance with the Dead Animal Disposal Law under Chapter 269 RSMo.	
6.1 PERMANENT METHOD OF ANIMAL MORTALITY HANDLING OR DISPOSAL; CHOOSE APPLICABLE METHOD(S) <input type="checkbox"/> Composting <input type="checkbox"/> Rendering <input type="checkbox"/> Send to a Landfill <input type="checkbox"/> Incineration <input type="checkbox"/> Other (Describe)	
6.2 DESCRIBE METHOD OF MORTALITY HANDLING AND STORAGE THROUGH ALL PHASES TO FINAL DISPOSAL. (EXAMPLE: MORTALITIES ARE COMPOSTED WITHIN 24 HOURS OF DEATH AND FINISHED COMPOST PRODUCT IS STORED UNDER ROOF UNTIL LAND APPLIED). ALSO DESCRIBE THE TYPE OF COMPOST STRUCTURE USED, IF APPLICABLE.	
<b>PART 7 – DIVERSION OF CLEAN WATER</b>	
State regulations require CAFOs to divert clean stormwater, as appropriate, around the production area.	
7.1 Is clean stormwater diverted from the production area? <input type="checkbox"/> Yes <input type="checkbox"/> No	
7.2 If yes, describe controls and measures used to divert stormwater.	
7.3 IF NO, INCLUDE DESIGN CALCULATIONS (IF NOT INCLUDED IN THE ORIGINAL DESIGN) FOR DETERMINING THE TOTAL STORAGE CAPACITY NEEDED TO CONTAIN ALL CLEAN STORMWATER RUNOFF THAT HAS NOT BEEN DIVERTED FROM THE PRODUCTION AREA. NOTE: THE DEPARTMENT HIGHLY DISCOURAGES THIS PRACTICE.	
<b>PART 8 – PREVENT DIRECT CONTACT OF ANIMALS WITH SURFACE WATERS</b>	
State regulations require that CAFOs prevent the direct contact of confined animals with waters of the state.	
8.1 Do the animals have access to waters of the state within the production area? <input type="checkbox"/> Yes <input type="checkbox"/> No	
8.2 LIST MEASURES USED TO PREVENT ANIMALS FROM HAVING DIRECT CONTACT WITH WATERS OF THE STATE WITHIN THE PRODUCTION AREA.	
<b>PART 9 – CHEMICAL HANDLING</b>	
State regulations require chemicals and other contaminants handled on-site not be disposed of in any manure, litter, process wastewater, storm water storage or treatment system unless specifically designed to treat such chemicals and other contaminants	
9.1 CHECK THE APPROPRIATE BOXES BELOW TO INDICATE THE MEASURES TAKEN TO PREVENT CHEMICALS (INCLUDING PESTICIDES, COMMERCIAL FERTILIZERS, HAZARDOUS AND TOXIC CHEMICALS AND PETROLEUM BY-PRODUCTS) FROM CONTAMINATING MANURE STORAGE STRUCTURES, PROCESS WASTEWATER OR STORM WATER STORAGE AND TREATMENT SYSTEMS:	
<input type="checkbox"/> Chemicals are stored in proper containers. (Describe)	
<input type="checkbox"/> Chemicals that are no longer used or expired are properly disposed of. (Describe)	
<input type="checkbox"/> Chemical storage and handling areas are protected from precipitation and runoff, and any spillage is contained within these areas. (Describe)	
<input type="checkbox"/> Emergency procedures and equipment are in place to contain and clean up chemical spills. (Describe)	
<input type="checkbox"/> Equipment wash areas are designed and constructed to prevent contamination of surface waters and wastewater and storm water storage and treatment systems. (Describe)	
<input type="checkbox"/> Chemicals are handled and used according to the label. (Describe)	
<input type="checkbox"/> No chemicals are stored or handled in the production area.	
<b>PART 10 – MANURE ANALYSIS TESTING</b>	
State regulations require that each unique source of manure be tested annually for nutrient content.	
10.1 LIST EACH TYPE OF MANURE SOURCE. (i. e. MANURE, LITTER, COMPOST, WASTE WATER.)	
10.2 DESCRIBE THE PROCEDURES TO ENSURE EACH UNIQUE SOURCE IS TESTED ANNUALLY.	
<b>PART 11 – RECORD KEEPING</b>	
State regulations require specific records to be maintained and kept for five years.	
11.1 Are records of all inspections, manure transfers, discharges and land application maintained? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>PART 12 – SIGNATURE</b>	
NAME	TITLE
SIGNATURE	DATE

## INSTRUCTIONS

### PART 1 - PERMIT OWNERSHIP AND CONTACT INFORMATION

- 1.1 General location and contact information for the operation. Do not use P.O. Box or RR as physical address of the operation.
- 1.2 Provide the name of the legal entity that owns or operates the CAFO facility.
- 1.3 List the continuing authority, if it is the same as the owner enter "same as above." The continuing authority is the permanent organization or party responsible for operation and maintenance of the CAFO. All corporate entities are to be listed with the Secretary of State.

### PART 2 - PERMIT TYPE

- 2.1 **Check only one box.** Indicate which permit you are applying for. EPA regulations require CAFOs that discharge to obtain a NPDES permit. State Regulations require all Class I CAFOs that do not seek coverage under a NPDES to obtain a State No-Discharge General Permit.  
 The MOG01 NPDES General Permit does allow for wet weather related discharges. The Land Application Information page must be completed and will be incorporated into the permit. This permit requires a public comment period as well. Submit the operations nutrient management plan with the application.  
 The MOGS1 State No-Discharge General Permit **does not** allow discharges for any reason. Enter the date of the soil tests that were used in development of the nutrient management plan. The plan must be current but does not need to be submitted. The Land Application Information page does not need to be completed.
- 2.2 Check which type of permit action is being requested.

### PART 3 – DESIGN CAPACITY FOR MANURE STORAGE AND ANIMALS OF EACH CAFO FEATURE

The information to complete this section can be found in your current operating or construction permit.

- 3.1 For each CAFO feature, enter the code for each storage structure type from the table below. Attach additional sheets if necessary. For dry manure systems, enter the Design Dry Process Waste and Days of Storage. For liquid manure systems, enter the Total Storage Capacity, Design Wastewater per Year, Days of Storage, and Design Liquid Flow MGD (million gallons/day). The Design Liquid Flow is only needed for NPDES permits. To calculate, divide the Design Wastewater per year by 365, and then divide by one million. (Example: for a Design Wastewater per Year of 5,000,000 gal.,  $5,000,000 \div 365 = 13,698.6$  gal/day, then  $13,698.6 \div 1,000,000 = .0136986$  MGD). **For any storage type not listed below, please specify.**

Code	Storage Structure Type	Code	Storage Structure Type
A	Above Ground Storage Tank	F	Roofed Storage Shed
B	Below Ground Storage Tank	G	Mortality Composter
C	Underfloor Pits	H	Anaerobic Digester
D	Storage Lagoon	I	Concrete Pad
E	Anaerobic Lagoon	J	Impervious Soil Pad

- 3.2 For each CAFO feature, enter the code from the table below for each animal category, the number of each animal type in confinement.

Code	Animal Category	Code	Animal Category
1	Beef/feeder cattle, veal calves, cow/calf pairs, dairy heifers	7	Chicken laying hens and broilers with wet handling system
2	Horses	8	Chicken laying hens without wet handling system
3	Mature Dairy cows	9	Turkeys in growout phase
4	Swine under 55 lbs.	10	Chicken broilers, pullets and turkey poults in brood phase all without wet handling system
5	Swine over 55 lbs.		
6	Sheep, lambs, meat & dairy goats	11	Other (specify) Contact the Water Protection Program for Animal Equivalent Units and SIC Codes for other animal types.

### PART 4 – OPERATIONAL INFORMATION

- 4.1 **SIC Code** - Enter SIC codes from table below in decreasing order by animal units, for each animal type in confinement.  
**CAFO Class Size.** Enter CAFO Class Size based on Animal Units (AU). (Class IB 3000-6999, Class IC 1000-2999, Class II 300-999, Class NP <299). To calculate AU, divide number of animals by AU conversion factor from table below (Example:  $3,000 \text{ hogs} \div 2.5 = 1,200 \text{ AU}$ )

1 AU = <sup>1</sup>	Animal Category	SIC Code	1 AU = <sup>1</sup>	Animal Category	SIC Code	1 AU = <sup>1</sup>	Animal Category	SIC Code
1	Beef/feeder cattle	0211	0.7	Mature Dairy Cows	0241	55	Turkey/Turkey layers	0253
2.5	Hogs	0213	125	Broilers/Pullets <sup>2</sup>	0251/0252	125	Poultry hatcheries <sup>2</sup>	0254
10	Sheep, goats	0214	82	Chicken layers <sup>2</sup>	0252	0.5	Horses	0272

<sup>1</sup> Animal unit conversion factor.

<sup>2</sup> Animal unit conversion factor is for dry manure handling system only

- 4.2 Indicate whether "all" the manure, litter, and process wastewater at this CAFO is "exported" off the farm (exported means sold or transferred to another party). If any amount of manure litter, and process wastewater is land-applied on land owned, leased or controlled by the CAFO's owner, then it is not an "export only" operation.

4.3 Indicate if all spreading agreements are current.

#### **PART 5 – MANURE STORAGE**

5.1 Each storage structure should have adequate storage, be operated and maintained so as to not discharge.

#### **PART 6 - ANIMAL MORTALITY**

6.1 Indicate the method for disposing of animal mortalities.

6.2 If composting or incineration is used, explain how the mortalities, compost material or ash product is managed for all phases through final disposal on site.

#### **PART 7 - DIVERSION OF CLEAN WATER**

7.1 For confinement barn setups, clean stormwater needs to be diverted so that it does not enter the confinement barn either over or under the foundation. Open lots that may include dairies, feedlots and some swine operations, clean stormwater should be prevented from entering confinement lot areas.

7.2 List controls and measures used to divert storm water away from production area

7.3 List how stormwater is handled and contained that enters the production area.

#### **PART 8 - PREVENT DIRECT CONTACT OF ANIMALS WITH SURFACE WATERS**

8.1/8.2 Animals under confinement should not have access to surface waters, streams, lakes, etc.

#### **PART 9 - CHEMICAL HANDLING**

9.1 Describe how chemicals are stored and managed on site. Chemicals must be managed in a way that they will not get in the manure storage structures or create an environmental hazard.

#### **PART 10 - MANURE ANALYSIS TESTING**

10.1 List each type of manure at your operation. (Example: manure, litter, compost, wastewater).

10.2 Summarize the steps taken to ensure each manure source is tested annually.

#### **PART 11 – RECORD KEEPING**

11.1 Ensure all records applicable to your operation are maintained. These records are to be retained for five years and made available upon request.

#### **PART 12 – SIGNATURE**

Sign and date the application and submit to the department.

#### **LAND APPLICATION INFORMATION (TO BE COMPLETED FOR NPDES PERMT APPLICATIONS ONLY)**

**Attach additional sheets if necessary.**

Field Name – Enter the name of each land application field in your nutrient management plan.

Legal Description – Enter section, township and range in which majority of the field is located in.

Spreadable Acres – Enter the spreadable acres for each field.

P Loss Risk - Enter either Soil Test P rating or P Loss Index rating for each field.

N or P based Application - State if the field has N or P based application rate.

Crop – Enter all crops that are planned to be grown and any alternative crops that might be grown for each field. Alternative crops must be included in your nutrient management plan. If more than five crops are to be listed, continue on next line

Yield Goal – Enter realistic yield goal for each crop.

Return the application form along with permit fee and nutrient management plan, (if required), to the address below. If there are any questions concerning this form or permits, contact CAFO permit staff at the Water Protection Program at 573-751-1300 or at [waterag@dnr.mo.gov](mailto:waterag@dnr.mo.gov)

Missouri Department of Natural Resources  
Water Protection Program  
P.O. Box 176  
Jefferson City, MO 65102-0176