

Form B

KENTUCKY POLLUTION DISCHARGE ELIMINATION SYSTEM FOR ANIMAL WASTE MANAGEMENT Permit Application



NAME OF FACILITY:

AGENCY USE ONLY

PERMIT NO.:

COUNTY:

TYPE OF BUSINESS: (check one)

- Concentrated Animal Feeding Operation (Complete Sections I, II, III, IV, V, VI, VIII, and IX)
- Concentrated Aquatic Animal Production Facility (Complete Sections I, II, VII, VIII, and IX)

This is an application to: (check one)

- Apply for a new permit.
- Apply for reissuance of expiring permit.
- Modify an existing permit. * (Give reason for modification under Section II.)

I. FACILITY AND CONTACT INFORMATION

Name of facility, business, company, etc. requesting permit:

Owner/Contact Name and Title:

Owner/Contact Mailing Address:

Owner/Contact City, State, Zip:

Owner/Contact Telephone Number:

Owner/Contact Email Address:

Integrator/Contractor Name and Title:

Integrator/Contractor Mailing Address:

Integrator/Contractor City, State, Zip:

Integrator/Contractor Telephone Number:

Integrator/Contractor Email Address:

II. FACILITY LOCATION AND DESCRIPTION

Facility Location (street, road, highway, etc.):

Facility City, State, Zip:

Facility Site Latitude (Decimal Degrees):

Facility Site Longitude (Decimal Degrees):

Provide a brief description of activities, products, etc.:

Principal SIC Code and description:

Other SIC Codes:

*Reason for modifying existing permit:

III. CONCENTRATED ANIMAL FEEDING OPERATION CHARACTERISTICS

Type of Animal	Average Live Weight of Animals	Number of Animals In Open Confinement	Number of Animals Housed Under Roof
<input type="checkbox"/> Mature Dairy Cows			
<input type="checkbox"/> Dairy Heifers			
<input type="checkbox"/> Veal Calves			
<input type="checkbox"/> Cattle (not Dairy or Veal Calves)			
<input type="checkbox"/> Swine (55 lbs. or over)			
<input type="checkbox"/> Swine (under 55 lbs.)			
<input type="checkbox"/> Horses			
<input type="checkbox"/> Sheep or Lambs			
<input type="checkbox"/> Turkeys			
<input type="checkbox"/> Chickens (Broilers)			
<input type="checkbox"/> Chickens (Layers)			
<input type="checkbox"/> Ducks			
<input type="checkbox"/> Other (specify)			
TOTAL NUMBER OF ANIMALS			

IV. MANURE, LITTER, AND/OR WASTEWATER PRODUCTION AND USE

How much manure, litter, and wastewater is generated annually by the facility?

tons annually

gallons annually

If land application is used, complete the following.

Owner of Property:

Total number of acres under control of applicant available for land application:

tons annually applied to land

gallons annually applied to land

If manure, litter, or wastewater is transferred off-site, complete the following.

Name of Receiving Person/Facility:

tons annually transferred off-site

gallons annually transferred off-site

IV. MANURE, LITTER, AND/OR WASTEWATER PRODUCTION AND USE (continued)

If containment and storage are used, complete the following.

Type of Containment	Total Capacity in Gallons	Total Acreage that Drains into Containment
<input type="checkbox"/> Lagoon		
<input type="checkbox"/> Holding Pond		
<input type="checkbox"/> Evaporation Pond		
<input type="checkbox"/> Other (specify):		
Type of Storage	Total Number of Days Stored	Total Capacity (Indicate gals or tons)
<input type="checkbox"/> Anaerobic Lagoon		
<input type="checkbox"/> Storage Lagoon		
<input type="checkbox"/> Evaporation Pond		
<input type="checkbox"/> Above Ground Storage Tank		
<input type="checkbox"/> Belowground Storage Tank		
<input type="checkbox"/> Roofed Storage Shed		
<input type="checkbox"/> Concrete Pad		
<input type="checkbox"/> Impervious Soil Pad		
<input type="checkbox"/> Other (specify):		

V. NUTRIENT MANAGEMENT PLAN

Has a Nutrient Management Plan been developed for the facility and is it enclosed with application? Yes No

Is the Nutrient Management Plan being implemented for this facility? Yes No

If no, when will the Nutrient Management Plan be developed?

NOTE: The permit application is not complete until a Nutrient Management Plan is submitted to KDOW.

What is the date of the last review or revision to the Nutrient Management Plan?

If not land applying, describe alternative use(s) of manure, litter, and /or wastewater:

VI. BEST MANAGEMENT PRACTICES FOR LAND APPLICATION

For land application, which best management practices are being implemented to control runoff and protect water quality? Check all that apply.

<input type="checkbox"/> Buffer	<input type="checkbox"/> Setbacks	<input type="checkbox"/> Conservation Tillage	<input type="checkbox"/> Constructed Wetlands
<input type="checkbox"/> Infiltration Field	<input type="checkbox"/> Grass Filter	<input type="checkbox"/> Terrace	<input type="checkbox"/> Other (specify):

VII. CONCENTRATED AQUATIC ANIMAL PRODUCTION OPERATION CHARACTERISTICS

For each outfall, give the maximum daily flow, maximum 30-day flow, and the long-term average flow.

Outfall Number	Maximum Daily Flow in gallons/day	Maximum 30-Day Flow in gallons/day	Long-Term Average Flow in gallons/day

Indicate the total number of ponds, raceways, and similar structures in your facility.

Number of ponds:

Number of raceways:

Other structures (specify) and number:

Provide the name of the receiving water and the source of water used by your facility.

Receiving water name:

Water source name:

List the species of fish or aquatic animals held and fed at your facility. For each species, give the total weight produced by your facility per year in pounds of harvestable weight, and also give the maximum weight present at any one time.

Cold Water Species Harvestable Weight

Species	Total Yearly in pounds	Maximum in pounds

Warm Water Species Harvestable Weight

Species	Total Yearly in pounds	Maximum in pounds

Report the total pounds of food fed during the calendar month of maximum feeding.

Month:

Pounds of food:

VIII. ATTACHMENTS	
<input type="checkbox"/> Attach Nutrient Management Plan if Large AFO.	
<input type="checkbox"/> Attach Payment.	
IX. CERTIFICATION	
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, 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.	
PRINTED NAME AND TITLE:	
SIGNATURE:	DATE:
TELEPHONE NO.	EMAIL:

Return completed application form and attachments to:
 Division of Water
 Surface Water Permits Branch
 300 Sower Boulevard, 3rd Floor
 Frankfort, KY 40601

Direct questions to: Surface Water Permits Branch at (502) 564-3410.

KPDES FORM B – INSTRUCTIONS

BASIC APPLICATION INFORMATION

This form must be completed by all applicants with a facility (either existing or proposed) that includes a concentrated animal feeding operation or an aquatic animal production facility which results in a discharge to waters of the Commonwealth. Not all animal feeding operations or fish farms are required to obtain KPDES permits. Exclusions are based on size and absence of discharge. See the description of regulatory exclusions in 40 CFR 122.3. See the definition for animal feeding operations and the definition for concentrated animal feeding operations in 401 KAR 5:002 and 40 CFR 122.23. Only concentrated animal feeding operations are required to have a KPDES discharge permit. In particular, for animal feeding operations, the size cutoffs depend on whether or not pollutants are discharged through a manmade device or by direct contact with the facility or animals. A facility for laying hens or broilers is required to have a permit if it has a liquid manure handling system or continuous overflow watering.

See the definition for concentrated aquatic animal production facility in 40 CFR 122.24. For aquatic animal production facilities, the size cutoffs are based on whether the species are warm water or cold water, on the production weight per year in harvestable pounds, and on the amount of feeding in pounds of food (for cold water species). In addition, facilities which discharge less than 30 days per year, or only during periods of excess runoff (for warm water fish), are not required to have a permit.

Provide your facility's official or legal name and KPDES permit number. Do not use a nickname or short name. Be sure to provide the county in which the facility is located.

Listed below are explanations of select Form B questions. If further information is needed concerning any question, please contact the Division of Water.

Section I: Facility and Contact Information

Provide your facility's official or legal name. Do not use a nickname or short name.

Provide the name of the owner of the facility or the official point of contact including the mailing address, telephone number, and email address. Also, if a contract grower, provide the name, address, telephone number, and email of the integrator.

Section II: Facility Location and Description

Provide a complete legal description of your facility's location including address and longitude/latitude.

Briefly describe the nature of the business and the activities being conducted that require a KPDES permit.

Identify the principal 4-digit standard industrial classification (SIC) code and other applicable SIC codes that best describe your facility in terms of the principal products or services you produce or provide. Also, specify each classification in words. These classifications may differ from the SIC codes describing the operation generating the discharge. The SIC codes are numbers and descriptions of activities classified by the Executive Office of the President, Office of Management and Budget. These are found in the latest edition of the Standard Industrial Classification (SIC) Manual.

If the application is for the modification of an existing permit, please provide the specific reason(s) for modifying the existing permit.

Section III: Concentrated Animal Feeding Operation Characteristics

If you have identified the facility as a concentrated animal feeding operation, provide:

- the average live weight of each type of animal,
- the maximum number of each type of animal in open confinement or housed under roof (either partially or totally) which are held at your facility for a total of 45 days or more in any 12 month period.
- the total number of animals confined at the facility.

Section IV: Manure, Litter, and/or Wastewater Production and Use

Provide the total amount of manure, litter and wastewater generated annually by the facility.

Identify if manure, litter and wastewater generated by the facility is to be land applied and the number of acres, under the control of the CAFO operator, suitable for land application. Provide the estimated annual quantity of manure, litter, and wastewater that the applicant plans to land apply. Identify the owner of the property on which the manure, litter and wastewater will be land applied.

Identify if manure, litter and wastewater generated by the facility is to be transferred off-site. Provide the name of the receiving person/facility and the estimated annual quantity of manure, litter, and wastewater that the applicant plans to transfer off-site.

Provide information on the type of containment and the capacity of the containment structure(s). Provide the number of acres that are drained and collected in the containment structure(s).

Identify the type of storage for the manure, litter and/or wastewater. Give the capacity of this storage in days and in gallons or tons.

Section V: Nutrient Management Plan

Provide information concerning the status of the development and implementation of a nutrient management plan for the facility. In those cases where the nutrient management plan has not been completed, provide an estimated date of development and implementation. **Please note that your permit application is not complete until a Nutrient Management Plan is submitted to the Division of Water.** If not land applying, describe the alternative uses of the manure, litter and wastewater (e.g., composting, pelletizing, energy generation, etc.).

Section VI: Best Management Practices for Land Application

Check any of the identified conservation practices that are being implemented at the facility to control runoff and protect water quality.

Section VII: Concentrated Aquatic Animal Production Operation Characteristics

Outfalls should be numbered to correspond with the map submitted in Section II of Form 1. Values given for flow should be representative of your normal operation. The maximum daily flow is the maximum measured flow occurring over a calendar day. The maximum 30-day flow is the average of measured daily flows over the calendar month of highest flow. The long-term average flow is the average of measured daily flows over a calendar year.

Give the total number of discrete ponds or raceways in your facility. Under "other," give a descriptive name of any structure which is not a pond or a raceway but which results in discharge to waters of the Commonwealth.

Use names for the receiving water and source of water which correspond to the map submitted in Section II of Form 1.

The names of fish species should be proper, common, or scientific names as given in special Publication No. 6 of the American Fisheries Society, "A List of Common and Scientific Names of Fishes from the United States and Canada." The values given for total weight produced by your facility per year and maximum weight present at any one time should be representative of your normal operation.

The value given for maximum monthly pounds of food should be representative of your normal operation.

Section VIII: Attachments

Provide the Nutrient Management Plan for the facility and include the permit fee, as specified in Form 1, with your application.

Section IX: Certification

The permit application must be signed as follows:

- **Corporation:** by a principal executive officer of at least the level of vice president.
- **Partnership or sole proprietorship:** by a general partner or the proprietor respectively.
- **Municipality, state, federal, or other public agency:** by either a principal executive officer or ranking elected official.