

SECTION 3 – NUMBER OF PONDS AND RACEWAYS – Aquatic Facilities Only

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

| | | | |
|--------|------------------------|-------------------------|--------|
| Ponds: | Raceways Flow-through: | Raceways Recirculation: | Other: |
|--------|------------------------|-------------------------|--------|

SECTION 4 – RECEIVING WATER – Aquatic Facilities Only

Provide the name of the receiving water and the source of intake water used by your facility. Use names which correspond to the map submitted in Section 7 of Form 1.

| | |
|------------------|----------------------|
| Receiving Water: | Water Intake Source: |
|------------------|----------------------|

SECTION 5 – TOPOGRAPHIC MAP – CAFOs Only

In addition to or in conjunction with the topographic map required by Section 7 of Form 1, provide a topographic map or maps of the area in which the concentrated animal feeding operation is located, showing the specific location of the production area.

SECTION 6 – SPECIES OF FISH OR AQUATIC ANIMALS – Aquatic Facilities Only

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.

| Species | Harvestable Weight (<i>pounds</i>) | |
|---------|--------------------------------------|---------|
| | Total Yearly | Maximum |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

SECTION 7 – FEEDING – Aquatic Facilities Only

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

| | |
|--------|-----------------|
| Month: | Pounds of Food: |
|--------|-----------------|

SECTION 8 – TYPE AND NUMBER OF ANIMALS – CAFOs Only

Specify the number of each type of animal whether in open confinement or housed under roof. If none in a particular category, enter a zero (0).

| Type | Number | Type | Number | Type | Number |
|-------------------|--------|------------------------------------|--------|----------------|--------|
| Mature Dairy Cows | | Swine weighing less than 55 pounds | | Laying Hens | |
| Veal Calves | | Horses | | Broilers | |
| Other Cattle | | Sheep or Lambs | | Other Chickens | |

| | | | | | |
|----------------------------------|--|---------|--|-------|--|
| Swine weighing 55 pounds or more | | Turkeys | | Ducks | |
|----------------------------------|--|---------|--|-------|--|

Check here if the CAFO uses a liquid manure handling system:

SECTION 9 – MANURE, LITTER, AND PROCESS WASTEWATER – CAFOs Only

Specify the type of containment and total capacity in tons or gallons of the following structures or areas used for containment and storage of manure, litter, and process wastewater. Enter combined totals for manure, litter, and wastewater when considering number of acres available and estimated amounts generated and transferred.

| Type | Total Capacity | Type | Total Capacity | Type | Total Capacity |
|---------------------|----------------|---------------------------|----------------|--------|----------------|
| Anaerobic Lagoon | | Above-Ground Storage Tank | | Other: | |
| Roofed Storage Shed | | Below-Ground Storage Tank | | Other: | |
| Storage Pond | | Concrete Pad | | Other: | |
| Under-Floor Pit | | Impervious Soil Pad | | Other: | |

Total number of acres available and under your control for land application of manure, litter, or process wastewater: _____

Estimated amounts of manure, litter, and process wastewater generated per year in tons or gallons: _____

Estimated amounts of manure, litter, and process wastewater transferred to other persons per year in tons or gallons: _____

SECTION 10 – NUTRIENT MANAGEMENT PLAN – CAFO's Only

At a minimum, a nutrient management plan must include best management practices and procedures necessary to implement applicable effluent limitations and standards. CAFOs seeking a permit after December 31, 2006 must have a plan developed and implemented upon the date of permit coverage.

Has a nutrient management plan been developed? Yes No

If yes, has the nutrient management plan been implemented? Yes No

If no, you must certify the date upon which the nutrient management plan will be completed and implemented: _____

SECTION 11 – 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.

Right to Enter Premises

By submitting this application, the applicant hereby consents to entry upon the premises by representatives of the Alaska Department of Environmental Conservation in order to: 1) have access to and copy any records that permit conditions require the applicant to keep; 2) inspect any facilities, equipment, including monitoring and control equipment, practices, or operations regulated or required under a permit; and 3) sample or monitor any substances or parameters at any location for the purpose of assuring permit compliance or as otherwise authorized by 33 U.S.C. 1251-1387 (Clean Water Act).

Print Name: _____

Signature: _____ Date: _____

INSTRUCTIONS FOR APDES FORM 2B

Concentrated Animal Feeding Operations and Aquatic Animal Production Facilities

See Form 1 General Instructions for additional information.

Who Must File Form 2B

Form 2B must be completed in conjunction with Form 1. This form must be completed by all applicants who checked "yes" to Section 6-A in APDES Form 1. Not all animal feeding operations or aquatic animal production facilities are required to obtain APDES permits. Exclusions are based on size. See the description of these statutory and regulatory exclusions in Section C of the General Instructions that accompany Form 1.

For concentrated 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). Also, facilities which discharge less than 30 days per year are not required to have a permit.

The Department has the authority to designate an aquatic animal production facility or animal feeding operation as a concentrated aquatic animal production facility or CAFO, respectively, upon determining that it is a significant contributor of pollutants to waters of the United States.

Section 1 – Facility Information

Enter the facility's official or legal name. Do not use a colloquial name.

Section 2 – Production Area / Outfall Data

The location of the entrance to the production area must be provided by Concentrated Animal Feeding Operations only. The outfall data must be filled out by Concentrated Aquatic Animal Production Facilities only. Both CAFOs and Aquatic Facilities shall include the latitude and longitude of the site to the sixth decimal place. For latitude and longitude information interpolated from a hardcopy map, the fourth decimal place is acceptable and the source map scale must be provided. The preferred location information will be provided as the latitude and longitude in decimal degrees, Alaska Albers Projection, North American Datum of 1983. The preferred source of the coordinates will be by a GPS unit, but other methods will be accepted, including GPS, survey, internet (such as Topozone.com), and printed map. Clearly identify the horizontal accuracy and unit of measurement (e.g. 10 meters) and horizontal datum. Outfalls should be numbered to correspond with the map submitted in Section 7 of Form 1. Values given for flow should be representative of normal operations. The maximum daily flow is the maximum measured flow occurring over a calendar day. The monthly average flow is the average of measured daily flows over a calendar month.

Section 3 – Number of Ponds and Raceways

This Section must be filled out by Concentrated Aquatic Animal Production Facilities only. 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 United States.

Section 4 – Receiving Water

This Section must be filled out by Concentrated Aquatic Animal Production Facilities only. Use names for receiving water and source of water which correspond to the map submitted in Section 7 of Form 1.

Section 5 – Topographic Map

This Section must be filled out by Concentrated Animal Feeding Operations only. This map shall be provided in addition to or in conjunction with the map or alternative information required by Section 7 of Form 1 or 18 AAC 83.305(b)(7).

Section 6 – Species of Fish or Aquatic Animals

This Section must be filled out by Concentrated Aquatic Animal Production Facilities only. 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 the maximum weight present at any one time should be representative of your normal operation.

Section 7 – Feeding

This Section must be filled out by Concentrated Aquatic Animal Production Facilities only. The value given for maximum monthly pounds of food should be representative of your normal operations.

Section 8 – Type and Number of Animals

Give the maximum number of each type of animal that has been, is, or will be stabled or confined and fed or maintained for a total of 45 days or more in any 12-month period. Two or more animal feeding operations under common ownership are considered to be a single operation for the purposes of determining the number of animals at an operation if they adjoin each other or if they use a common area or system for the disposal of water. A Large CAFO or a Medium CAFO is defined by the number of animals it stables or confines in accordance with 40 C.F.R 122.23, adopted by reference at 18 AAC 83.010(b)(1). Check the box to indicate if the operation uses a liquid manure handling system.

Section 9 – Manure, Litter, and Process Wastewater

Manure is defined to include manure, bedding, compost and raw materials or other materials commingled with manure or set aside for disposal. Process wastewater means water directly or indirectly used in the operation of the animal feeding operation for any or all of the following: spillage or overflow from animal or poultry watering systems; washing, cleaning, or flushing pens, barns, manure pits, or other operation facilities; direct contact swimming, washing, or spary cooling of animals; or dust control. Process wastewater also includes any water wich comes into contact with any raw materials, products, or byproducts including manure, litter, feed, milk, eggs, or bedding.

Section 10 – Nutrient Management Plan

In accordance with 18 AAC 83.610(f), the nutrient management plan must, to the extent applicable:

1. Ensure adequate storage of manure, litter, and process wastewater, including procedures to ensure proper operation and maintenance of the storage facilities;
2. Ensure proper management of mortalities (i.e. dead animals) to ensure that they are not disposed of in a liquid manure, stormwater, or process wastewater storage or treatment system that is not specifically designed to treat animal mortalities.
3. Ensure that clean water is diverted, as appropriate, from the production area;
4. Prevent direct contact of confined animals with waters of the United States;
5. Ensure that chemicals and other contaminants handled on-site are not disposed of in any manure, litter, process wastewater, or stormwater storage or treatment system unless specifically designed to treat such chemicals and other contaminants;
6. Identify appropriate site specific conservation practices to be implemented, including as appropriate buffers or equivalent practices, to control runoff of pollutants to waters of the United States;
7. Identify protocols for appropriate testing of manure, litter, process wastewater, and soil;
8. Establish protocols to land apply manure, litter or process wastewater in accordance with site specific nutrient management practices that ensure appropriate agricultural utilization of the nutrients in the manure, litter, or process wastewater; and
9. Identify specific records that will be maintained to document the implementation and management of the minimum elements described above.

A copy of the site-specific nutrient management plan must be maintained on site and made available to the Department upon request.

Section 11 – Certification

Alaska statute 46.03.790 provides for severe penalties for submitting false information on this application form. State regulations at 18 AAC 83.385 require this application to be signed as follows:

1. **For a corporation**, a responsible corporate officer shall sign the application; in this subsection a responsible corporate officer means:
 - (A) a president, secretary, treasurer, or vice president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or
 - (B) the manager of one or more manufacturing, production, or operating facilities, if
 - (i) the manager is authorized to make management decisions that govern the operation of the regulated facility, including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental statutes and regulations;
 - (ii) the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and
 - (iii) authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
2. **For a partnership or sole proprietorship**, the general partner or the proprietor, respectively shall sign the application; and
3. **For a municipality, state, federal, or other public agency**, either a principal executive officer or ranking elected official shall sign the application; in this subsection, a principal executive officer of an agency means
 - (A) the chief executive officer of the agency; or
 - (B) a senior executive officer having responsibility for the overall operations of a principal geographic unit or division of the agency.

Include the name and title of the person signing the form and the date of signing.