



Concentrated Animal Feeding Operations

Clean Water Act Requirements

What Are the Federal Requirements for Duck CAFOs?



In December 2002, EPA revised the Clean Water Act regulation for Concentrated Animal Feeding Operations, or CAFOs. If you own or operate a duck CAFO, you must apply for a permit. This pamphlet gives general information about what your permitting authority might require in your CAFO's permit.

Information Series Pamphlet

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Other Pamphlets in EPA's CAFO Clean Water Act Requirements Information Series

Will My Operation Be Regulated?
EPA 833-F-02-006

What Are the Federal Requirements for Swine CAFOs?
EPA 833-F-02-007

***What Are the Federal Requirements for Chicken and
Turkey CAFOs?***
EPA 833-F-02-008

***What Are the Federal Requirements for Dairy Cow and
Heifer CAFOs?***
EPA 833-F-02-009

***What Are the Federal Requirements for Beef Cattle and
Veal Calf CAFOs?***
EPA 833-F-02-0010

***What Are the Federal Requirements for Horse and
Sheep CAFOs?***
EPA 833-F-02-0011

***What Are the Federal Record-Keeping and Reporting
Requirements?***
EPA 833-F-02-0013

How do I contact my permitting authority?

Visit www.epa.gov/npdes/afo/statecontacts for contact information on your permitting authority.

Where can I get copies of these brochures and more information?

Call the Office of Water Resource Center, (202) 566-1729 to request copies of these pamphlets and other documents. Call the CAFO Phone Line at (202) 564-0766 with questions or visit the following EPA or USDA web sites.

EPA:

www.epa.gov/npdes/caforule
www.epa.gov/agriculture

USDA:

www.usda.gov

Photos courtesy of USDA and Woodland Farm Inc.

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Is my duck operation a CAFO?

Your operation is a CAFO if it is an animal feeding operation (AFO) and it meets one of the following conditions

See the pamphlet *Will My Operation Be Regulated?* for the definition of an AFO.

Large CAFOs

Your duck AFO is a Large CAFO if it has at least

- ✓ 30,000 ducks (other than liquid manure systems)
- ✓ 5,000 ducks (liquid manure systems)

Medium CAFOs

Your duck AFO is a Medium CAFO if it has at least

- ✓ 10,000 ducks (other than liquid manure systems)
 - ✓ 1,500 ducks (liquid manure systems)
- and*
- ✓ A man-made ditch or pipe carries manure or wastewater from your operation *or*
 - ✓ Your animals come into contact with surface water running through the area where they're confined

Designated CAFOs

No matter what size your operation is, if it is an AFO, it can be designated a CAFO. If your permitting authority inspects your operation and finds that it's adding pollutants to surface waters, your operation might need a CAFO permit.

My operation is a CAFO. What do I have to do?

You must apply to your permitting authority for a permit. Most states have the authority to manage CAFO programs and issue permits. State CAFO programs are based on the revised national regulation. You can use this pamphlet to help you learn about the *minimum* requirements for a permit. You should contact your permitting authority to find out what your *state-specific* requirements are and how to apply for a permit. Check the insert to this pamphlet for your permitting authority's contact information.

What will my operation's permit require?

Your CAFO permit will require you to meet certain conditions for your production and land application areas. The specific requirements of your permit will depend on whether your operation is a Large, Medium, or designated CAFO.

The *production area* is the area where your animals are housed and manure is stored.

Requirements for all duck CAFOs

You can expect your permit to require you to

- ✓ Implement a nutrient management plan
- ✓ Submit annual reports to your permitting authority
- ✓ Keep your permit current until you completely close your operation and remove all manure
- ✓ Keep records of your nutrient management practices for at least 5 years

Nutrient management plans for all duck CAFOs must include provisions for

- ✓ Assuring adequate manure storage capacity
- ✓ Proper handling of dead animals and chemicals
- ✓ Diverting clean water from the production area
- ✓ Keeping animals out of surface water
- ✓ Using site-specific conservation practices
- ✓ Developing ways to test manure and soil
- ✓ Assuring appropriate use of nutrients when you spread manure
- ✓ Keeping records of your nutrient management practices

The *land application area* includes all the land under your control where you spread manure.

Your permitting authority might set more requirements for any size CAFO.

Requirements for Medium duck CAFOs and designated duck CAFOs

Your permitting authority might set more requirements for your nutrient management plan. These requirements will depend on the permit writer's best professional judgement and could be like the requirements for other Large poultry CAFOs.

Requirements for Large duck CAFOs

The nutrient management plans for Large duck CAFOs that use a liquid manure handling system have more discharge requirements for their production area. These discharge requirements are the following:

Maximum for 1 day

- ✓ 3.66 lb/1,000 ducks for BOD₅
- ✓ fecal coliform not to exceed most probable number (mpn) of 400/100 ml at any one time

Average of daily values for 30 consecutive days cannot exceed

- ✓ 2.00 lb/1,000 ducks for BOD₅
- ✓ fecal coliform not to exceed most probable number (mpn) of 400/100 ml at any one time

Transferring manure to other persons

- ✓ Keep records for at least 5 years on the date, recipient, amount, and nutrient content of the manure you transferred
- ✓ Information about the nutrient content of your manure must be given to the recipient

See the pamphlet *What Are The Federal Record-Keeping and Reporting Requirements?* to find out what records you should keep and report to your permitting authority