



# Delaware Nutrient Management



## CAFO Fact Sheet

### OVERVIEW:

- The Delaware NPDES CAFO program is implemented and overseen jointly by DNREC and DDA, under USEPA.
- The DDA is the primary and initial point of contact with the regulated community: conducting inspections, collecting necessary documents, and reviewing Nutrient and Animal Waste Management Plans.
- The final permit will be issued by DNREC, with the assistance of the DDA.

### CRITERIA:

- These regulations apply to any person who owns or operates a CAFO
- Medium or Large CAFOs are qualified by the number of animals in the following criteria:

Medium CAFO	Lg. CAFO	Animal Type
9,000 to 29,999	30,000	laying hens or broilers, if the AFO uses a liquid manure handling system,
37,500 to 124,999	125,000	chickens except laying hens (if other than a liquid manure handling system),
25,000 to 81,999	82,000	laying hens (if other than a liquid manure handling system,
300 to 999	1,000	cattle other than mature dairy cows or veal calves. Includes but is not limited to heifers, steers, bulls, and cow/calf pairs,
200 to 699	700	mature dairy cattle (whether milked or dry cows),
750 to 2,499	2,500	swine each weighing over 55 pounds,
150 to 499	500	horses,
3,000 to 9,999	10,000	sheep or lambs,
16,500 to 54,999	55,000	turkeys,

### GUIDELINES:

- Large Poultry Effluent Limitation:
  1. No discharge of manure, litter or process wastewater pollutants to Waters of the State from the production area except:
    - a. A precipitation event exceeding a 25-year, 24 hour rainfall event; and
    - b. The production area is maintained and operated in accordance with the measures and records required of the CAFO regulations.

- Medium & Designated Poultry Effluent Limitation:
  1. All Best Management Practices (BMPs) addressed in the Animal Waste Management Plan (AWMP) and/or the Nutrient Management Plan (NMP) concerning management activities of manure, litter, or process wastewater in accordance with the State Technical Standards.

#### ELEMENTS:

- Notice of Intent (NOI): The NOI is submitted by individual CAFOs for consideration of coverage. The NOI is considered complete once an Animal Waste Management Plan (AWMP) and/or Nutrient Management Plan (NMP) is submitted to the Delaware Department of Agriculture.
- Topographical Maps: Topographical maps of the CAFO's production area(s) may be reviewed with the NOI application. Topographic maps can be accessed through online sources such as <http://bit.ly/1YxhdNC>
- Plan Requirements: Each permittee must implement their Animal Waste Management Plan (AWMP) or Nutrient Management Plan (NMP) in accordance with the permit. The AWMP/NMP must address the following nine minimum requirements:
  1. Storage of manure, litter, and process wastewater, including procedures for operation and maintenance of the storage facilities;
  2. Management of mortalities (dead animals) to ensure they are not disposed of in a liquid manure, storm water, 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 State;
  5. Ensure that chemicals and other contaminants handled onsite are not disposed of inappropriately;
  6. Appropriate buffers or equivalent practices, to control runoff of pollutants to Waters of the State;
  7. Protocols for appropriate testing and application of manure, litter, process wastewater, and soil following nutrient management practices; and
  8. Identify specific records that will be maintained to document the implementation and management of the minimum elements described in the section.

#### PERMITTING PROCESS:

- All NOIs that have supplied the above requirements will be public noticed to be covered under the CAFO NPDES General Permit. The public notice will be advertised in two newspapers for one day and available on our website during a 30 day public comment period. Upon completion, without comment, of the 30 day period, you will receive a letter granting your permit coverage. The permit is good for five (5) years unless administratively extended.