



Ohio Administrative Code

Rule 901:10-3-04 Dairy cows and cattle other than veal calves.

Effective: June 8, 2014

This rule applies to operations defined as concentrated animal feeding operations under division (F) of section 903.01 of the Revised Code and includes the following animals: mature dairy cows, either milking or dry; cattle other than mature dairy cows or veal calves. Cattle other than mature dairy cows includes but is not limited to heifers, steers, and bulls. This rule does not apply to such concentrated animal feeding operations with less than the following capacities: seven hundred mature dairy cows whether milked or dry; one thousand cattle other than mature dairy cows or veal calves.

(A) Effluent limitations attainable by the application of the best practicable control technology currently available (BPT). Except as provided in rule 901:10-3-08 of the Administrative Code, any existing point source subject to this rule must achieve the following effluent limitations representing the application of BPT:

(1) For the concentrated animal feeding operation production areas. Except as provided in paragraphs (A)(1) to (A)(2) of this rule, there must be no discharge of manure into waters of the state from the production area.

(a) Whenever precipitation causes an overflow of manure, pollutants in the overflow may be discharged into waters of the state provided:

(i) The production area is designed, constructed, operated and maintained to contain all manure including the runoff and the direct precipitation from a twenty-five year, twenty-four hour rainfall event;

(ii) The production area is operated in accordance with the requirements set forth in the manure management plan in rule 901:10-2-08 of the Administrative Code and the records required by rule 901:10-2-16 of the Administrative Code.



(b) Voluntary alternative performance standards. Any concentrated animal feeding operation subject to this rule may request the director to establish NPDES permit effluent limitations based upon site-specific alternative technologies that achieve a quantity of pollutants that would be discharged under the baseline performance standards as provided by paragraph (A)(1)(a) of this rule.

(i) Supporting information. In requesting site-specific effluent limitations to be included in the NPDES permit, the concentrated animal feeding facility owner or operator must submit a supporting technical analysis and any other relevant information and data that would support such site-specific effluent limitations within the time frame provided by the director. The supporting technical analysis must include calculation of the quantity of pollutants discharged, on a mass basis where appropriate, based on a site-specific analysis of a system designed, constructed, operated and maintained to contain all manure including the runoff from a twenty-five year, twenty-four hour rainfall event. The technical analysis of the discharge of pollutants must include:

(a) All daily inputs to the manure storage or treatment facility, including manure, direct precipitation, and runoff.

(b) All daily outputs from the manure storage or treatment facility, including losses due to evaporation, manure residuals removal, and the removal of process wastewater or process generated wastewater for use on cropland at the concentrated animal feeding operation or transport off site.

(c) A calculation determining the predicted median annual overflow volume based on a twenty-five year period of actual rainfall data applicable to the site.

(d) Site-specific pollutant data, including N, P, BOD5, and total suspended solids (TSS) for the concentrated animal feeding operation from representative sampling and analysis of all sources of input to the storage system or other pollutant data.

(e) Predicted annual average discharge of pollutants, expressed where appropriate as a mass discharge on a daily basis (lbs/day), and calculated considering paragraphs (A)(1)(b)(i)(a) to (A)(1)(b)(i)(d) of this rule.

(ii) The director has the discretion to request additional information to supplement the supporting



technical analysis, including inspection of the concentrated animal feeding operation.

(c) The concentrated animal feeding operation shall attain the limitations and requirements of this rule as of the date of permit coverage.

(2) For concentrated animal feeding operation land application areas.

Discharges from land application areas are subject to the following requirements:

(a) Develop and implement the best management practices set forth for the manure management plan in paragraph (A)(1) of rule 901:10-2-07 of the Administrative Code;

(b) Maintain the records specified in rule 901:10-2-16 of the Administrative Code; and

(c) The concentrated animal feeding operation shall attain the limitations and requirements of this rule by December 31, 2006.

(B) Effluent limitations attainable by the application of the best conventional pollutant control technology (BCT). Except as provided in rule 901:10-3-08 of the Administrative Code, any existing point source subject to this rule must achieve the following effluent limitations representing the application of BCT:

(1) For the concentrated animal feeding operation production areas: the operation shall attain the requirements in paragraph (A)(1) of this rule.

(2) For the land application areas: The operation shall attain the same limitations and requirements set forth for the manure management plan in paragraph (A)(2) of this rule.

(C) Effluent limitations attainable by the application of the best available technology economically achievable (BAT). Except as provided in rule 901:10-3-08 of the Administrative Code, any existing point source subject to this rule must achieve the following effluent limitations representing the application of BAT:



(1) For concentrated animal feeding operation production areas: The operation shall attain the same limitations and requirements set forth in paragraph (A)(1) of this rule.

(2) For the operation land application areas: the facility shall attain the same limitations and requirements as those set forth for the manure management plan in paragraph (A)(2) of this rule.

(D) New source performance standards (NSPS). Any new point source subject to this rule must achieve the following effluent limitations representing the application of NSPS:

(1) For the concentrated animal feeding operation production areas, the facility shall comply with the requirements of paragraph (A)(1) of this rule.

(2) For the land application areas, the operation shall attain the requirements as listed for the manure management plan in paragraph (A)(1) of rule 901:10-2-07 of the Administrative Code and the records required in rule 901:10-2-16 of the Administrative Code.

(3) The facility shall attain the limitations and requirements of this rule as of the date of permit coverage.

(4) Any source subject to this rule that commenced discharging after April 14, 1993 and prior to April 14, 2003 which was a new source subject to the standards specified in paragraph (C) of rule 901:10-3-03 of the Administrative Code, revised as of July 1, 2002, must continue to achieve those standards for the applicable time period specified in 40 CFR 122.29(d)(1). Thereafter, the source must achieve the standards specified in paragraphs (A)(1) and (A)(2) of this rule.