**Section 502.320 Recordkeeping Requirements**

The permittee must create, maintain for five years, and make available to the Agency, upon request, the following records:

a) A copy of all applicable records identified under Section 502.510(b)(16);

b) A copy of the information required under Section 502.201;

c) Records documenting the visual inspections required under Section 502.610(c);

d) Weekly records of the depth of the manure and process wastewater in the liquid livestock waste storage as indicated by the depth marker, as described in Section 502.610(d);

e) Records documenting any actions taken to correct deficiencies as required by Sections 502.610(e) and (f). Deficiencies not corrected within 30 days must be accompanied by an explanation of the factors preventing immediate correction;

f) Records of mortalities management and practices the facility uses to meet the requirements of Section 502.610(g);

g) Records documenting the current design of any livestock waste storage structures, including volume for solids accumulation, design treatment volume, total design volume, and approximate number of days of storage capacity;

h) Records of the date, time, and estimated volume of any overflow;

i) A copy of the facility's site-specific nutrient management plan;

j) Expected crop yields for land application areas;

k) The dates livestock waste is applied to each land application area;

l) Records documenting subsurface drainage inspections conducted according to the plan developed under Section 502.510(b)(13);

m) Results from livestock waste and soil sampling;

n) Explanation of the basis for determining livestock waste application rates;

o) Calculations showing the total nitrogen and phosphorus to be applied to each field, including sources other than livestock waste;

p) Total amount of nitrogen and phosphorus applied to each field, including documentation of calculations for the total amount applied;

q) The method used to apply the livestock waste;

r) Date of livestock waste application equipment inspection;

s) Maximum number and type of animals, whether in open confinement or housed under roof by the following types: beef cattle, broilers, layers, swine weighing 55 pounds or more, swine weighing less than 55 pounds, mature dairy cows, dairy heifers, veal calves, sheep and lambs, horses, turkeys, ducks, other;

t) All records necessary to prepare the annual report required by Section 502.325;

u) Total acreage of land application area the nutrient management plan covers;

v) The quantity of livestock waste removed when a manure storage area or waste containment area is dewatered;

w) The following information for each day during which livestock wastes are applied to land:

1) the amount applied to each field in either gallons, wet tons, or dry tons per acre;

2) soil water conditions at the time of application (such as dry, saturated, flooded, frozen, snow-covered);

3) an estimate of the precipitation amount 24 hours before, and for 24 hours after, the application;

4) the type of application method used (surface, surface with incorporation, or injection);

5) the location of the field where livestock waste was applied;

6) Leak inspection results of livestock waste application equipment;

7) the name and address of off-site recipients of livestock waste, the amount of waste transferred to each off-site recipient in gallons or dry tons, off-site location on a topographic map, and acreage of each site the off-site recipient used;

8) Weather conditions, including precipitation, air temperature, wind speed, wind direction, and dew point, at the time of land application and for 24 hours before, and for 24 hours following, the application; and

9) Records of the weather forecasts required to be maintained under Sections 502.620(d) and 502.630(b)(3), (4), and (5);

x) The laboratory analysis sheets reporting the analysis of the livestock waste samples must be kept on file at the facility for the permit’s term and for 5 years after the permit expires; and

y) Records documenting the test methods and sampling protocols for manure, litter, and process wastewater and soil analyses.

(Source: Amended at 48 Ill. Reg. 3196, effective February 15, 2024)