

**Senate File 2264 - Introduced**

SENATE FILE 2264

BY STAED

**A BILL FOR**

1 An Act providing for a manure management planning map.

2 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

1 Section 1. NEW SECTION. 459.311F Manure management planning  
2 map.

3 1. The department shall prepare and publish on its internet  
4 site a manure management planning map to assist a person  
5 applying manure originating from an animal feeding operation.

6 2. The manure management planning map shall be part of an  
7 interactive computer program. The map shall be in the form of  
8 a digital dynamic map that incorporates geographic information  
9 system technology in a manner that allows a user to immediately  
10 identify areas that are vulnerable to pollution caused by  
11 manure application due to one or more factors identified by the  
12 department, including but not limited to any of the following:

13 a. Terrain, including karst terrain, and topography.

14 b. The effect of climatic conditions.

15 c. The proximity to a designated area or a water source,  
16 including a high-quality water resource.

17 d. A field that is included in more than one manure  
18 management plan or nutrient management plan as provided in  
19 section 459A.208. If manure, including open feedlot effluent,  
20 originating from more than one animal feeding operation is to  
21 be applied to a field, the map shall indicate the months during  
22 which the manure from that animal feeding operation is to be  
23 applied to that field.

24 3. The manure management planning map shall be designed to  
25 assist a person to apply manure in the most efficient practical  
26 manner possible while reducing risks associated with runoff,  
27 including by adjusting application rates and timing.

28 Sec. 2. Section 459.312, subsection 10, Code 2026, is  
29 amended by adding the following new paragraph:

30 NEW PARAGRAPH. 0c. A verification that the person consults  
31 the manure management planning map as provided in section  
32 459.311F prior to application.

33 Sec. 3. Section 459A.208, subsection 7, Code 2026, is  
34 amended by adding the following new paragraph:

35 NEW PARAGRAPH. 0c. A verification that the person consults

1 the manure management planning map as provided in section  
2 459.311F prior to application.

3 EXPLANATION

4 The inclusion of this explanation does not constitute agreement with  
5 the explanation's substance by the members of the general assembly.

6 BACKGROUND. An animal feeding operation (AFO) is regulated  
7 by the department of natural resources (DNR) under several Code  
8 chapters, including Code chapter 459 governing all AFOs, which  
9 includes provisions regulating confinement feeding operations,  
10 and Code chapter 459A, which includes selected provisions  
11 regulating open feedlot operations. An AFO is an area in  
12 which agricultural animals are confined for 45 days or more  
13 in any 12-month period, and all associated structures used  
14 for the storage of manure. A confinement feeding operation  
15 maintains animals in roofed buildings and stores liquid manure  
16 in a formed or unformed structure (see Code section 459.102).  
17 An open feedlot operation is an unroofed or partially roofed  
18 facility without crop, vegetation, or forage growth or residue  
19 cover (Code section 459A.102). Manure from an open feedlot  
20 operation includes solids that may not be stored in a structure  
21 (stockpiled). Open feedlot effluent refers to a combination of  
22 manure, precipitation-induced runoff, or other runoff from an  
23 open feedlot before its settleable solids have been removed.  
24 Both Code chapters regulate the application of manure, often  
25 pursuant to a plan required to be filed with DNR. In the  
26 case of a confinement feeding operation, the plan is referred  
27 to as a manure management plan (MMP) (Code section 459.312)  
28 covering manure, including liquid manure, and in the case  
29 of an open feedlot operation, the plan is referred to as a  
30 nutrient management plan (NMP) (Code section 459A.208) covering  
31 effluent.

32 BILL'S PROVISIONS. This bill requires DNR to prepare and  
33 publish on its internet site a manure management planning  
34 map (MMPM) to assist a person applying manure originating  
35 from an AFO. The MMPM must be part of an interactive program

1 in the form of a digital dynamic map that identifies areas  
2 vulnerable to the application of manure based on a number of  
3 factors determined by DNR. The factors must at least include  
4 terrain and topography, the effect of climatic conditions,  
5 and proximity to a designated area or a water source. A  
6 designated area refers to a known sinkhole, a cistern, an  
7 abandoned well, an unplugged agricultural drainage well, an  
8 agricultural drainage well surface inlet, a drinking water  
9 well, a designated wetland (designated as a protected wetland  
10 by the United States department of the interior or DNR), or a  
11 water source (a lake, river, reservoir, creek, stream, ditch,  
12 or other body of water or channel having definite banks and a  
13 bed with water flow). An MMPM must also identify fields that  
14 are included in more than one MMP or NMP. A person completing  
15 a manure management plan (in the case of a confinement feeding  
16 operation) or nutrient management plan (in the case of an open  
17 feedlot operation) must verify that the person consults with  
18 the MMPM prior to application.