

**House File 2445 - Introduced**

HOUSE FILE 2445  
BY CROKEN

**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:

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

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

23 NEW PARAGRAPH. 0c. A verification that the person consults  
24 the manure management planning map as provided in section  
25 459.311F prior to application.

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

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

31 EXPLANATION

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

34 BACKGROUND. An animal feeding operation (AFO) is regulated by  
35 the department of natural resources (DNR) under several Code

1 chapters, including Code chapter 459 governing all AFOs, which  
2 includes provisions regulating confinement feeding operations,  
3 and Code chapter 459A, which includes selected provisions  
4 regulating open feedlot operations. An AFO is an area in which  
5 agricultural animals are confined for 45 days or more in any  
6 12-month period, and all associated structures used for the  
7 storage of manure. A confinement feeding operation maintains  
8 animals in roofed buildings and stores liquid manure in a formed  
9 or unformed structure (see Code section 459.102). An open  
10 feedlot operation is an unroofed or partially roofed facility  
11 without crop, vegetation, or forage growth or residue cover  
12 (Code section 459A.102). Manure from an open feedlot operation  
13 includes solids that are usually not stored in a structure.  
14 Both Code chapters regulate the application of manure, often  
15 pursuant to a plan required to be filed with DNR. In the case  
16 of a confinement feeding operation, the plan is referred to as  
17 a manure management plan (MMP) (Code section 459.313) and in the  
18 case of an open feedlot operation, the plan is referred to as a  
19 nutrient management plan (NMP) (Code section 459A.208).

20 BILL'S PROVISIONS. This bill requires DNR to prepare and  
21 publish on its internet site a manure management planning map  
22 (MMPM) to assist a person applying manure originating from  
23 an animal feeding operation. The MMPM must be part of an  
24 interactive program in the form of a digital dynamic map that  
25 identifies areas vulnerable to the application of manure based  
26 on a number of factors determined by DNR. The factors must at  
27 least include terrain and topography, the effect of climatic  
28 conditions, and proximity to a designated area or a water source.  
29 A designated area refers to a known sinkhole, a cistern, an  
30 abandoned well, an unplugged agricultural drainage well, an  
31 agricultural drainage well surface inlet, a drinking water well,  
32 a designated wetland (designated as a protected wetland by the  
33 United States department of the interior or DNR), or a water  
34 source (a lake, river, reservoir, creek, stream, ditch, or other  
35 body of water or channel having definite banks and a bed with

1 water flow). A person completing an MMP (in the case of a  
2 confinement feeding operation) or NMP (in the case of an open  
3 feedlot operation) must verify that the person consults with the  
4 MMPM prior to application.

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