



FALL MANURE APPLICATIONS

In July of 2015, Governor John R. Kasich signed into law, Ohio Senate Bill 1, which clarifies and enhances the restrictions on manure applications within the Western Lake Erie Basin (WLEB).

With the winter season upon us, Ottawa SWCD would like to remind producers and nutrient management applicators, of the laws and restrictions on manure applications.



Restrictions in the WLEB Include:

- On snow-covered or frozen soil
- When the top 2 inches of the soil are saturated from precipitation
- When the local weather forecast for the application area contains **greater than** 50% chance of precipitation, **exceeding** ½ inch in a 24-hour period
 - Applicators are responsible for checking and keeping forecast information before application
 - Any source of weather prediction is acceptable

Restrictions Do Not Apply If:

- Manure is injected in to the ground
- Manure is incorporated within 24 hours of surface application, using tillage tool operated at a minimum of 3-4 inches deep
- Manure is applied onto a growing crop
- Have written consent in an emergency situation from the ODA Division of Soil and Water Conservation

Questions about manure applications? Contact your Ottawa SWCD at 419.898.1595.

Table 4**Minimum Setback Distances for the Application of Manure and Other Organic By Products** ^{5/, 6/}

Type of Sensitive - Setback Area	Setbacks Based on Methods of Manure Application		
	Surface Application	Winter Application Frozen or Snow Covered Soils ^{7/}	Surface Incorporation W/I 24 Hours OR Direct Injection
Residences / Private Wells down slope from the application area.	100 ft.	200 ft.	100 ft.
- Sinkholes	300 ft.		100 ft.
- Pond or Lake	- 35ft. Vegetative Barrier ^{1/} , with the remaining 100 ft. setback in non-vegetative Setback ^{2/}	- 35ft. Vegetative Barrier ^{1/} , with the remaining 200 ft. setback in non-vegetative Setback ^{2/}	- 35ft. Vegetative Barrier ^{1/}
- Streams - Ditches - Surface Inlets	- 35ft. Vegetative Barrier ^{1/} , OR - 100 ft. setback in non- vegetative Setback, OR - 35 ft. in non-vegetative setback ^{3/}	200 ft.	None
Grassed Waterway	35 ft.	200 ft.	None
Field Surface Drains	35 ft. ^{4/}	200 ft.	None
Public Wells	300 ft.	300 ft.	100 ft.
Developed Springs	300 ft. upslope	300 ft. upslope	300 ft. upslope
Public Surface Drinking Water Intake	300 ft.	300 ft.	300 ft.

1/ Permanent vegetation consisting of grass, grass/legume mix, trees/shrubs, or trees/shrubs and grass/legumes. Measured from top of bank.

2/ Includes 100 ft. total setback. The setback must include a minimum of 35 ft. of vegetative cover from top of bank with the remainder of the 100 feet with no vegetative requirement. The setback is measured from the top of bank.

3/ Applies if the manure application area has at least 50% vegetation/residue cover at the time of application.

4/ No setback required for field surface drains if the Additional Criteria to Protect Water Quality, Item 5 is applied from this standard.

5/ CAFO's must follow the setbacks defined in the Ohio Department of Agriculture (ODA) rules regarding manure application. See **Table 5 – ODA Setbacks - Appendix A Table 1 of rule 901:10-1-14: Land Application Restrictions and Setbacks**

6/ Excludes sludge that is regulated by the Ohio Environmental Protection Agency (OEPA) and septage regulated by the Ohio Department of Health.

7/ See Additional Criteria to Protect Water Quality, Item 7, for the special manure application criteria on frozen and snow covered fields.