



**Department of
Agriculture**

Division of Soil and Water Conservation

Nutrient Management Plans

Senate Bill 299

H2Ohio Funds

Kip Studer

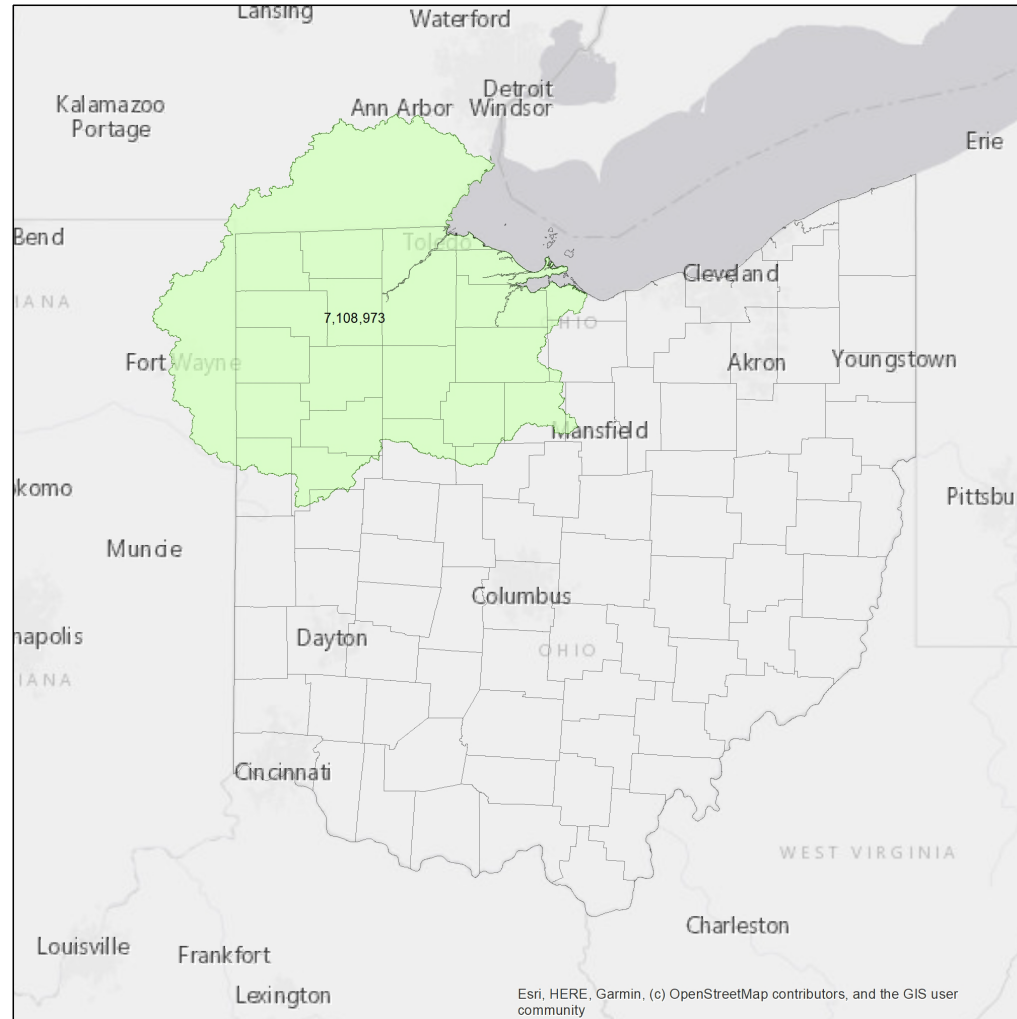
Nutrient Management Specialist

ODA-Division of Soil & Water Conservation

Division of Soil and Water Conservation

Provides administrative and technical support to 88 county Soil and Water Conservation Districts, Oversight of the Agricultural Pollution Abatement Program, Conservation Engineering Assistance, Soil Inventory, and Watershed Management

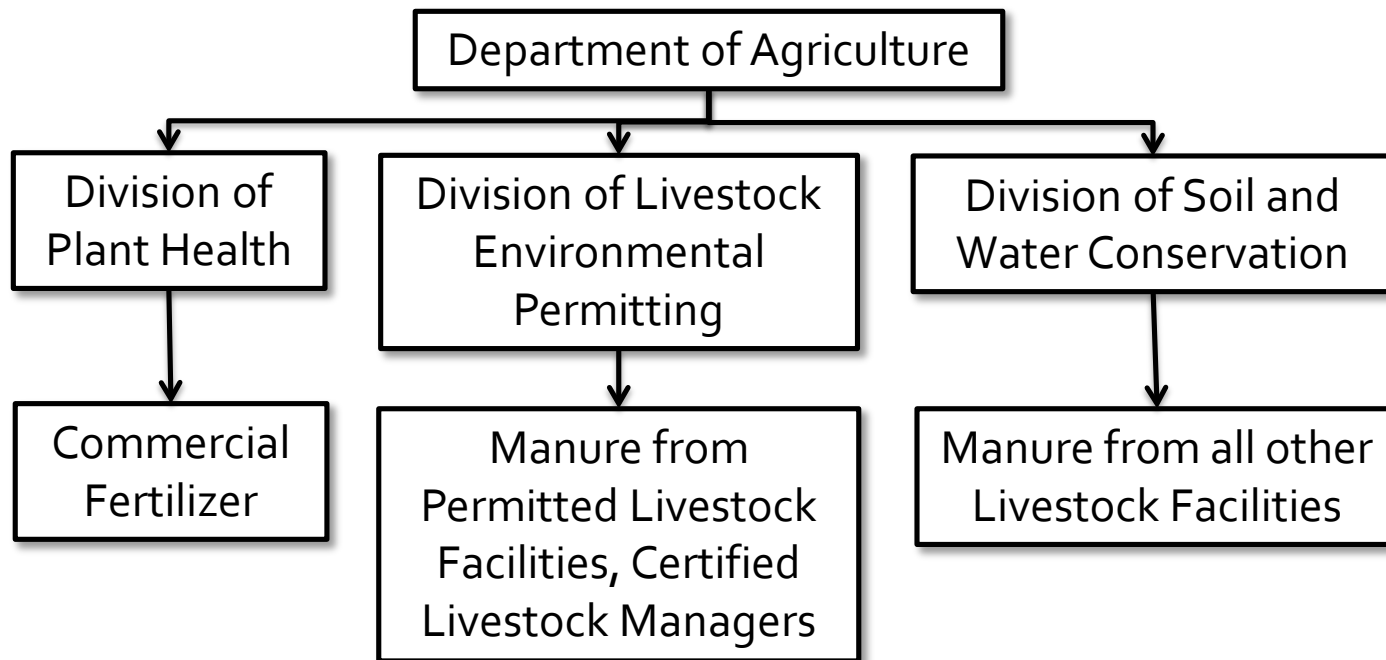
- In January 2016, the Division of Soil and Water Conservation (DSWC) transferred from the Ohio Department of Natural Resources to the Ohio Department of Agriculture
- Soil and Water Conservation Districts in Ohio
 - 88 Soil and Water Conservation Districts
 - 440 elected SWCD Board members
 - State provides up to 1:1 match for local dollars to fund



**Department of
Agriculture**

One Ohio Government Agency Has Authority Over Manure Application

Effective Jan. 1, 2016

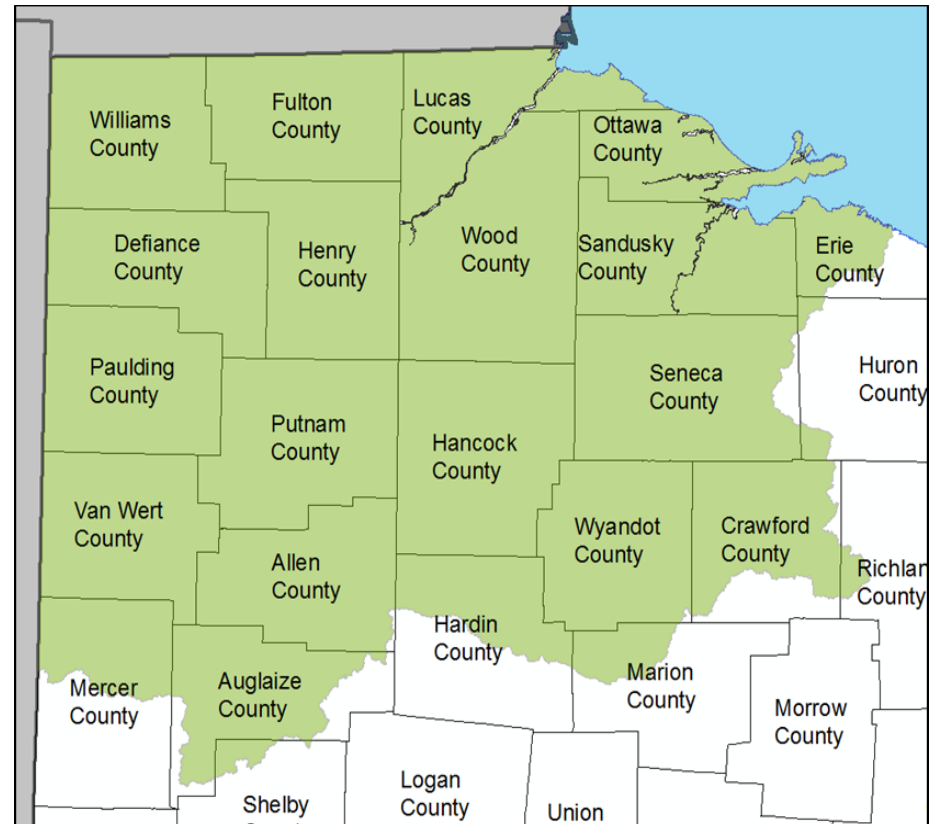


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ORC 939-08 / Senate Bill 1

No person in the western basin shall surface apply manure under any of the following circumstances:

- 1. On snow-covered or frozen soil**
- 2. When the top two inches of the soil are saturated from precipitation**
- 3. When the local weather forecast for the application area contains greater than fifty per cent chance of precipitation exceeding one-half inch in a 24 hour period**



SB 299 Funds

Working Lands Buffer

1. To encourage agricultural producers to establish vegetative cover on cropland that is near environmentally sensitive areas.
2. To allow harvest and removal of forage in established areas to reduce overall nutrient levels.
3. To reduce suspended solids and associated contaminants in runoff.
4. To reduce dissolved contaminant loadings in runoff.

Working Lands Small Grains

1. To encourage agricultural producers to establish small grains in a crop rotation that can be used for manure application following harvest.
2. To expand the application window for livestock producers to allow manure and nutrients to be applied.
3. To expand acres of manure utilization.
4. To promote cover crop plantings following small grains.
5. To minimize the risk of manure and nutrient runoff.

Nutrient Management Plans

- Work with 4R Certified Dealers to verify that Nutrient Management plans are being developed and implemented.
- Utilize the work being done by ag retailers and consultants



H2Ohio Water Quality Initiative

Governor Dewine's 10 Year Commitment to Water Quality Improvement

H2Ohio funding would be used for water programs across the state, including for Lake Erie and other rivers, lakes, and waterways in Ohio, for efforts such as:

- **Prevention and land-based management programs**, such as funding efforts to minimize the introduction of nutrients and other runoff into Ohio waterways, additional staffing at soil and water conservation districts, and more aggressive action to address failing septic systems and other water treatment needs across Ohio.
- **Water-based restoration programs**, such as the creation of more wetlands in targeted areas to naturally filter out nutrients and sediment and utilizing emerging technologies to minimize water quality problems and treat polluted water.
- **Science, research, and measurement**, such as supporting ongoing research and data collection to advise on metrics and measurable goals, and to stay updated on and utilize new prevention and treatment technologies