

Expansion of ODA Nonpoint Source Programs

NASCA, Salt Lake City, Utah
October 2023

Ohio Department of Agriculture

H2Ohio

H2Ohio

H2Ohio announced November 2019

To address water issues

- Harmful algal blooms
- Failing drinking water systems
- Wastewater, and home sewage treatment systems
- Lead contamination

ODA's focus is Phosphorus and Nitrogen load reductions to Lake Erie from the Western Lake Erie Basin

The Domestic Action Plan (DAP) was signed in 2015, and establishes a goal of a **40% reduction** in Phosphorus loads from 2008 levels




The Washington Post

When a bold move ends in the basement

A VA whistleblower in Phoenix experiences an old federal tradition

Fresh doubts over a Texas execution

New evidence revives concerns that a man was wrongly put to death in 2004

Toledo's drinking water crisis continues

Israeli airstrike kills 10 in Gaza

U.N. CHIEF DECRIES 'A CRIMINAL ACT'

Missile hits near crowd outside school's gates

Kan. tea party stalwart tests a vulnerable GOP senator

H2Ohio

Water quality improvement program funded by the state of Ohio. Program is managed by Ohio EPA, ODNR, and ODA

Approximately **1.5 million acres** of cropland currently enrolled across the 24-county project area

Over **$180 million dollars** have been encumbered to the project area to date

Statewide expansion underway – targeting 500,000 acres of Voluntary Nutrient Management Plans



H2Ohio

Ohio Department of Agriculture

Ohio Environmental Protection Agency

Ohio Department of Natural Resources

H2Ohio - Best Management Practices

- Voluntary Nutrient Management Plan
- Variable Rate Phosphorus Application
- Subsurface Phosphorus Placement
- Manure Incorporation
- Small Grains
- Forages
- Overwintering Cover Crops

Original 7 BMPs offered

- Conservation Ditches

New practice added in 2022

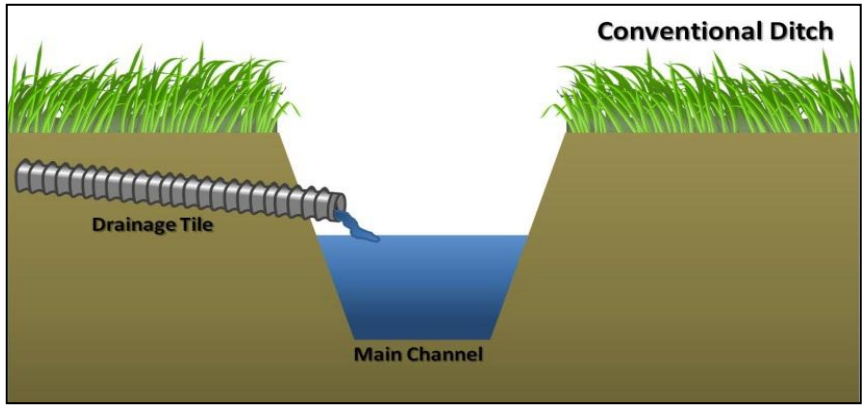


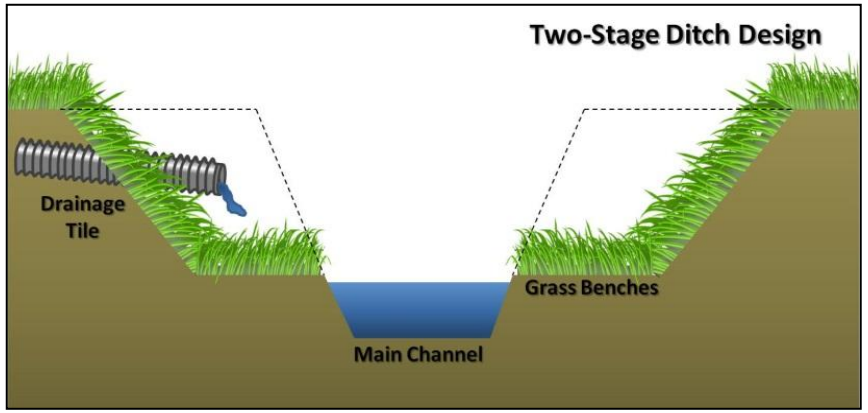


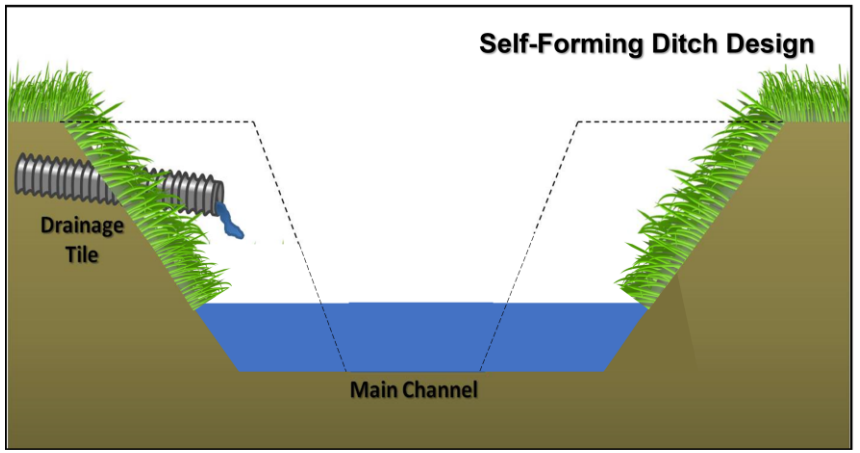


Conservation Ditch Program









2022 Conservation Ditch Program Stats



12 applications received

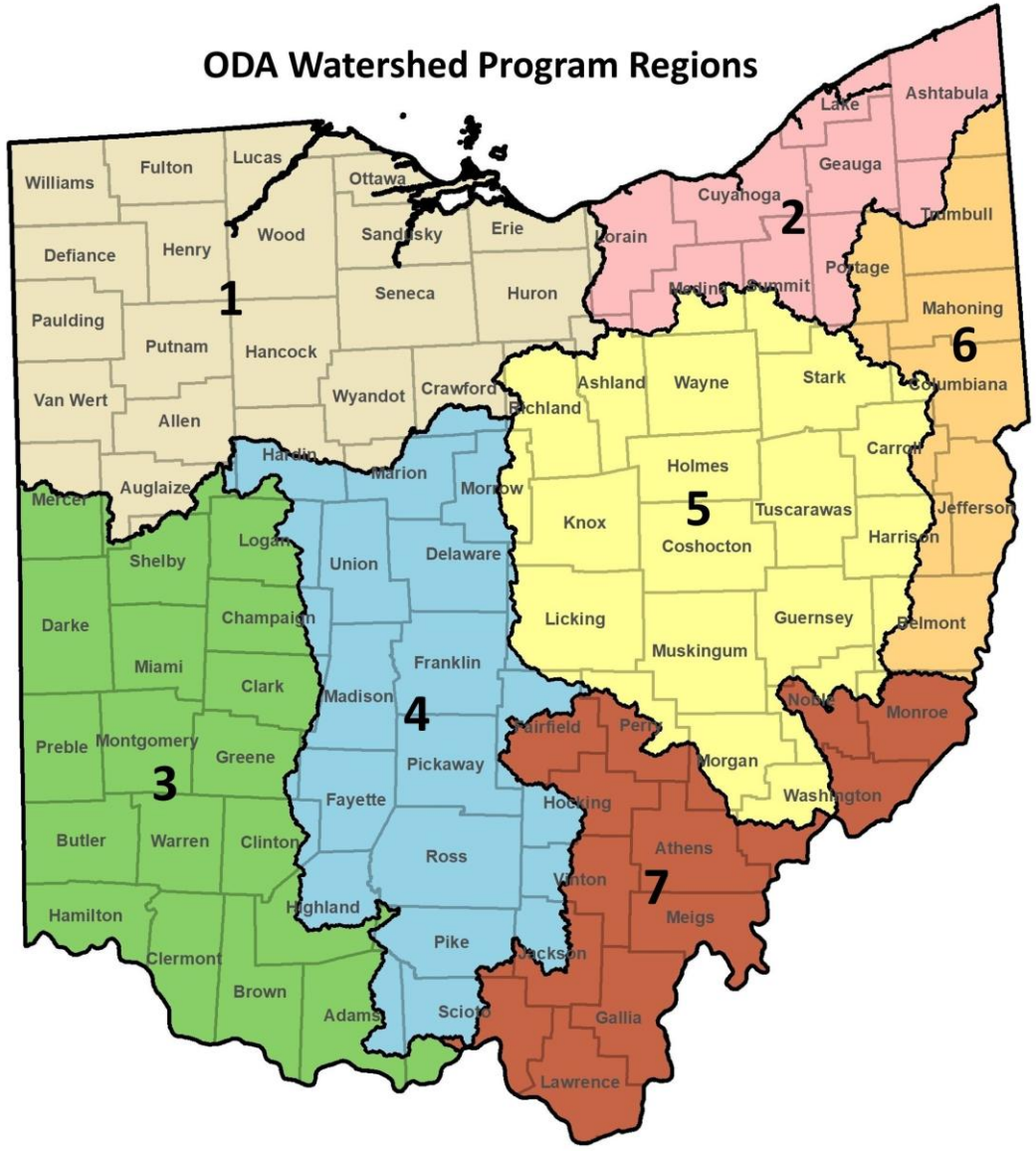
$4.2 million in total requests

$94 per linear foot cost ($25 to $190)

$80 to **$180** per pound P reduced (self-forming only)

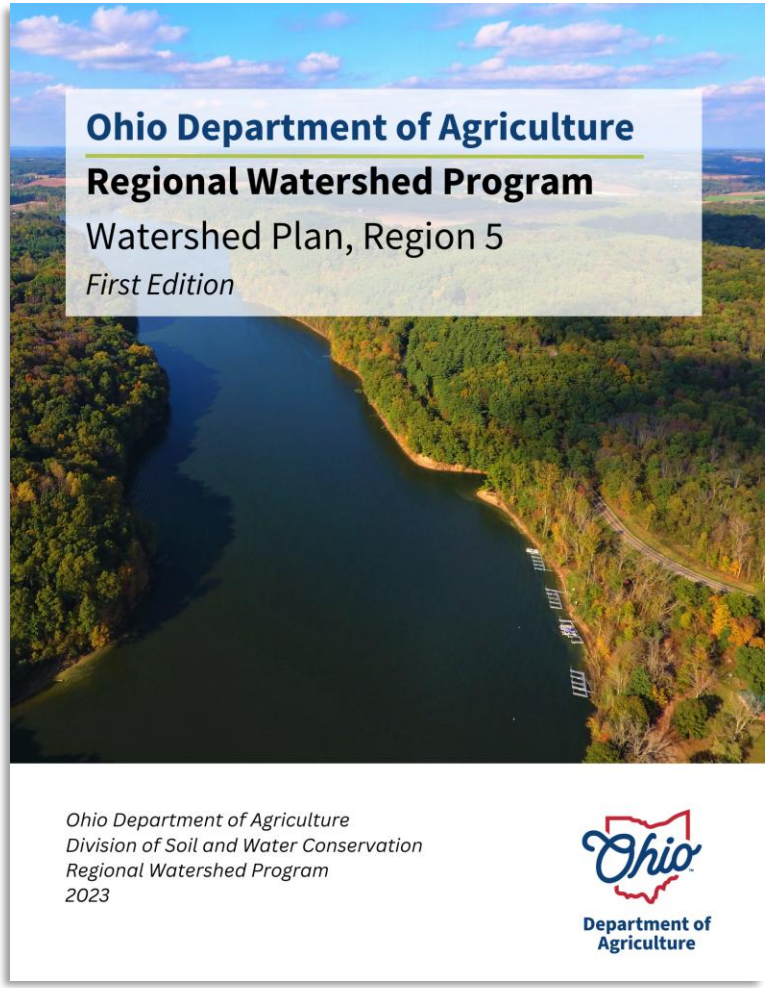
ODA Watershed Program

- Legislative mandate (2021) – statewide watershed planning and management
- No specific funding allocated (currently on H2Ohio)
- Watershed manager for each region
- **Developed regional watershed plans**
- **Supporting local efforts**
- **Developing new regional initiatives**
  - Fill gaps in existing Federal/State programs



Watershed Plan Utilization

- **Inform conservation planners** (State Agency, SWCD, NGOs, etc.)
  - Provide larger context to local projects
  - Align efforts with regional goals and priorities
  - BMP guidance - applicable to regional concerns
  - Use regional plans to leverage State/Federal funding
  - Provide data/sources and support to NPS-IS development
- **Guide H2Ohio expansion**
- **New regional-scale initiatives**





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