



Drainage Water Management



Drainage Water Management is....

The practice of using a water control structure in a tile drain or submain drain to raise the drainage outlet to reduce nutrient runoff.

How it works

- Producer installs water control structure that controls a minimum of 10 acres for installations without a submain or a minimum of 20 acres for installations with a submain
- Producer manages the structure to reduce nutrient runoff in the non-growing season

Benefits for Farmers

- Plant available water may be increased in fields where structures are managed during the growing season
- Producer may apply for up to four years of funding for this practice
- Producer will receive for each structure: \$1500 per site without submain installation or \$4000 per site with submain installation
- Producer will receive \$200 per site, in the 2nd, 3rd and 4th year, for managing the structure according to the Operation and Management Plan

Compatible Practices:

- Voluntary Nutrient Management Plan Development & Implementation
- Variable Rate Phosphorus Application
- Subsurface Phosphorus Placement
- Manure Incorporation
- Conservation Crop Rotation
- Overwintering Cover Crops

Partners in the H2Ohio Program include:



How to Apply?

If interested, contact your local soil and water conservation district:

Lorain County Conservation District
42110 Russia Rd.
Elyria, OH 44035
440.326.5800



Drainage Water Management

Purpose

- Encourage producers to install and manage water control structures
- Reduce nutrient loading to downstream receiving waters

Applicability

Applies to cropland acres in the 14-county program area. Acres receiving payment under any other county, state or federal program for Drainage Water Management (EQIP, LE-NRP, etc.) are not eligible.

Specifications

1. Outlet pipe needs to be a minimum of six inches in diameter
2. Outlet structures need to be installed per engineering plan
3. Minimum 10 acres controllable area based on a 2 feet control height without submain installation
4. Minimum 20 acres controllable area based on a 2 feet control height with submain installation
5. Structures should not be installed on a main tile that drains another landowners land, unless written permission is obtained from the upstream landowners
6. Producer will provide SWCD or DSWC access to the control structure

Minimum Requirements of the Producer:

- Provide tile maps and any necessary written permissions from upstream landowners
- Install structure per provided design

Minimum Requirements of the SWCD:

- Receive application from the producer, document plan on BMP Worksheet, and complete contract
- Locate sites to install practices
- Enter all required information into Beehive
- Obtain landowner agreement
- Obtain current drainage tile plan
- Design (with proper job approval) and lay out structures
- Oversee construction
- Have construction approved with proper job approval
- Process payment to producer

Participant Payments:

Producer will receive \$1,500 per site without submain installation. Producer will receive \$4,000 per site with submain installation.

Drainage Management Structures - Development

Producer Verification Checklist

Producer Name: _____

Checklist	Completed
Drainage Management Plan developed, including tile maps	
Design specifications meet H2Ohio guidelines and engineering plan	
Minimum controllable area meets H2Ohio guidelines (with/without submain as applicable)	
Permission obtained and documented for all drained area, if applicable	
As-built engineering plans completed and approved	

Crop Year: _____

Structures Completed with Submain: _____

Structures Completed without Submain: _____

I hereby state that I have completed this verification form accurately to the best of my knowledge and have provided supporting documentation to show that all items above have been completed. I understand the terms and conditions contained herein and have authority to sign this verification.

Producer Initial

Date

For Office Use

SWCD Notes

Drainage Management Structures - Maintenance

Producer Verification Checklist

Producer Name: _____

Checklist	Completed
Drainage Management Plan submitted to SWCD	
Operation and maintenance performed according to management plan	
Management records submitted to SWCD	

Crop Year: _____

Structures: _____

I hereby state that I have completed this verification form accurately to the best of my knowledge and have provided supporting documentation to show that all items above have been completed. I understand the terms and conditions contained herein and have authority to sign this verification.

Producer Initial

Date

For Office Use

SWCD Notes
