

THE STORMWATER ADVOCATE

SUMMER EDITION

MONTGOMERY SOIL AND WATER CONSERVATION DISTRICT

JULY 30, 2026

WELCOME BACK TO THE STORMWATER ADVOCATE!

We bring you yet another edition of The Stormwater Advocate! In this edition of the newsletter, we will talk about the impact that Summer has on stormwater. Our goal is to continue to inform the people of Montgomery County about these relevant topics and help to show ways you can play a role in improving water quality.

With summer comes greater potential for heavier and more frequent storms. There are also more outdoor activities like cook outs, fairs, swimming, and the increased farming and lawn care activity. Combine those two factors and the likelihood of stormwater pollution is high. With the sheer volume of water that can be brought upon the county it is important to learn what our job at MSWCD is and what you can look out for to keep stormwater free of pollutants.

Protecting Waterways

Pool maintenance is an important part of summer as proper chemical handling and water disposal is essential in protecting waterways. Pool chemicals can be harmful to aquatic life if entered into storm drains. Never discharge chlorinated water or unused pool chemicals into streets, gutters, or storm drains. Allow chlorine levels to dissipate naturally or use a dechlorination product, then discharge the water in a grassy area where it can be absorbed into the ground. Lawn care products should be treated the same and disposed of properly away from the street and storm drains.

STORM RECURRENCE INTERVALS

A storm recurrence interval describes the annual probability of a storm reaching a specific threshold. Montgomery County has already recorded two 50-year storms this year, meaning each individual storm had only a 2% chance of occurring in a given year. This reflects a current trend of more intense but less frequent storms making stormwater an important concern.

Storm Recurrence Interval	Annual Chance of Occurrence
1-year storm	100% (expected annually)
2-year storm	50%
5-year storm	20%
10-year storm	10%
25-year storm	4%
50-year storm	2%
100-year storm	1%
200-year storm	0.5%
500-year storm	0.2%
1,000-year storm	0.1%

MAY 17TH-24TH THE TOTAL RAINFALL IN DAYTON WAS 6.75 INCHES, MAKING IT THE 12TH WETTEST WEEK IN DAYTON HISTORY AND THE WETTEST EVER RECORDED IN THE MONTH OF MAY!

DID YOU KNOW?

1-INCH OF RAIN CAN CREATE 600 GALLONS OF WATER FROM A 1,000 SQUARE FOOT ROOF

That amount is enough to fill 10 standard bathtubs. Multiply that by hundreds or thousands of homes across a community, a summer rainstorm can send millions of gallons of water rushing through storm drains in just a matter of hours.

Peak Construction Season

Summer weather brings the peak time for construction projects. Rainfall can wash the exposed soil and construction debris off of the construction site and directly into storm drains. Ohio EPA sets regulations for all construction sites over an acre. Part of these regulations is the requirement for each site to have a Stormwater Pollution Prevention Plan (SWP3). The SWP3 describes the use of Best Management Practices (BMPs) a site will use. BMPs are operational practices used to manage the quality and quantity of stormwater runoff. BMPs like silt fencing, filter socks, or wattles are placed to collect and stop sediment from running offsite, while practices like inlet protection are in place to stop sediment from entering storm drains.

What We Do

MSWCD works with several cities to ensure that BMPs are in place so that construction sites stay clean and no pollutants are threatening water quality. Site inspections are conducted biweekly and documented to identify any violations.

While we are not an enforcement agency, we pass our inspection reports to the municipalities who enforce the regulations. Once a construction site is complete, we do a final inspection to ensure there is no risk of construction pollutants in the immediate future.



What You Can Do

If you see any issues such as sediment running off of construction sites, the discharge of muddy water into storm drains, or erosion, feel free to reach out to our office or your municipality. During this summer season and onward keep an eye on stormwater and look out for anything that may be harmful to our waterways.

RIVER CLEAN UPS

Since 2010, MSWCD has partnered with municipalities to put on river clean ups. We canoe a 2-3 mile stretch of water while working with volunteers to clean up trash or debris found in the river. We do a clean up of the Stillwater and Great Miami River annually, with the addition of Twin Creek this year. In our 2026 Stillwater River clean up (shown below) we collected roughly 600 pounds of trash. If you would like to participate in a river clean up or help plan one, please reach out to our office. You can call at **937-854-7645** or email **stormwaterservices@mcoho.org**.



SAVE THE DATE ANNUAL MEETING & FALL FEST

SEPTEMBER 12, 2026 10AM-4PM
SYCAMORE FARM
3225 LUTHERAN CHURCH RD, TROTWOOD, OH 45426

- Horse & Wagon Rides
- Straw Maze
- Soil Pit
- Ball Pit
- Soil Trailer
- Archery Range
- Modern Farming Equipment
- Petting Zoo
- Steam Engines & Wheat Threshing
- Brubaker Grain
- County Sheriff Department
- Food & Music
- Brookville Fire Department
- Sinclair Community College
- MVCTC

