

Surface Water Management District Advisory Committee Initial Meeting August 28, 2024

Alan Brubaker, PE, PS - Summit County Engineer
David Koontz, PE, SI - SCE SWMD Coordinator/Proj Mgr
Chuck Hauber, PE, PS – SCE SWMD Project Manager
Stephanie Deibel – SCE SWMD Stormwater Specialist

1

1



Surface Water Management District Advisory Committee

Summit County Codified Ordinances Chapter 942.04

(f) An Advisory Committee shall be established which shall consist of the County Executive (or designee), the President of County Council (or designee) and one representative of each of the member townships and municipalities. This committee shall meet at least semi-annually to review the projects and plans of the District, and to make recommendations about future projects to meet the District's objectives in each community.

2

2



Surface Water Management District Advisory Committee Members

COUNTY EXECUTIVE designee: Mike Vinay, Director of Sanitary Sewer Services

PRESIDENT OF COUNTY COUNCIL: Rita Darrow, District 1

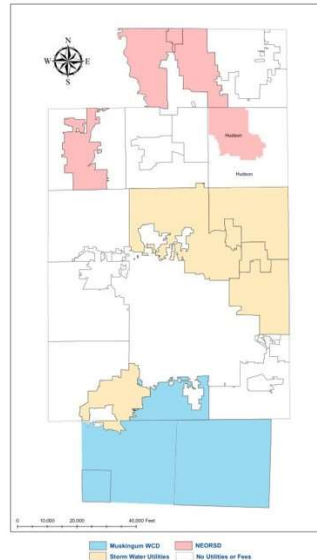
MEMBER COMMUNITY REPRESENTATIVES:

- Bill Funk, Bath Township
- Don Laubacher, Richfield Township
- Amy Anderson, Boston Township
- Becki Kovach, City of Reminderville
- Jim Schulte, Copley Township
- Paul Schweikert, Sagamore Hills Township
- Jeff Houck, Coventry Township
- Jeremy Caudill, Springfield Township
- Tracy Sayers, Village of Lakemore
- Robert Kagler, Twinsburg Township
- (To be determined), Northfield Center Twp



Surface Water Management District Background

COMMUNITIES WITH SW UTILITIES/DISTRICT ASSESSMENT





Surface Water Management District

- SCE established the **Surface Water Management District** in 2017 as a utility with a small monthly fee billed annually to fund studies and projects focused on mitigation of flooding and erosion.
- Participation was originally opt-in, or entirely voluntary and open to all Summit County townships, cities, and villages. Bath Township joined effective January 2018.
- Summit County Codified Ordinances Chapter 942 established Surface Water Management Rules & Regulations and fees in 2017.
- Rules included a SWMD Grading & Drainage Permit policy.

5

5



Surface Water Management District for MS4 – Updated in 2022

The Ohio EPA NPDES Stormwater Permit Phase II requires small municipal separate storm sewer system operators (MS4) to address Six Minimum Control Measures (MCM):

- **MCM#1: Public Education and Outreach**
- **MCM#2: Public Involvement and Participation**
- **MCM#3: Illicit Discharge Detection and Elimination**
- **MCM #4: Construction Site Runoff Control**
- **MCM#5: Post-Construction Runoff Control**
- **MCM#6: Municipal Operation Pollution Control**

6

6



Municipal Separate Storm Sewer System (MS4) Phase II for small urbanized areas



7

7



Surface Water Management District for MS4 – Updated in 2022

- The Surface Water Management District was expanded to address the OEPA MS4 requirements and will charge a fee semi-annually on the property taxes beginning January 2025.
- Participation is mandatory for Summit County townships and voluntary for Summit County cities and villages.
- Summit County Codified Ordinances Chapter 942 was revised and new Chapter 944 added to address Illicit Discharge Detection and Elimination (IDDE).

8

8



Surface Water Management District for MS4 – Updated in 2022

- MS4 Permit Compliance Procedures
 - Summit Soil and Water Conservation District will assist with many the day-to-day activities of the MS4 program.
 - They will be available to help communities fulfill “good housekeeping” requirements of the OEPA.
 - Suspected illicit discharges can be reported to SWMD for investigation with SCPH assistance.

9

9




Surface Water Management District Grading Permits are required

- Grading for ponds, wetlands, waterways
- Site grading for commercial development
- Grading for new homesites
- Grading for home additions & accessory buildings
- Installation of drainage systems

Type of Fee	Project Type	FEE	REQUIREMENTS
Application Fee	Any size project	\$ 50.00	See Note 1
Permit Fee	Less than 150 Cubic Yards or Lake, Pond, Wetland	\$ 250.00 Minimum	See Notes 2A. thru 2G. and Note 4.
Permit Fee	150 Cubic Yards or More or Lake, Pond, Wetland	\$250.00 Minimum	See Notes 3A. thru 3R. and Note 4.

10

10



Surface Water Management District Drainage Concerns

Drainage Concern Form
Fields marked with an * asterisk are required.

Search for “Drainage Concern Form” on summitengineer.net to find the form.

Users can upload photos of their drainage problems at the bottom of the form.

Parcel Owner

First Name * <small>Enter your first name...</small>	Last Name * <small>Enter your last name...</small>
Perm. Parcel No.* <small>Enter your permanent parcel number...</small>	
Address* <small>Enter your street address...</small>	City* <small>Enter your city...</small>
State* <small>Enter your state...</small>	Zip Code* <small>Enter your zipcode...</small>

Contact Info

Contact First Name* <small>Enter contact's first name...</small>	Contact Last Name* <small>Enter contact's last name...</small>
Phone Number* <small>Enter contact's phone number...</small>	Email Address* <small>Enter contact's email address...</small>
Mailing Address* <small>Enter contact's street address...</small>	City* <small>Enter contact's city...</small>
State* <small>Enter contact's state...</small>	Zip Code* <small>Enter contact's zipcode...</small>

Nature of Problem *


Flooding Erosion Landslide Sinkholes Water Quality Stormwater Facility

Description *

Enter description...

11

11



Surface Water Management District Priorities

- **First Priority is Initiation** of watershed studies and regional priority projects, using ARPA Funding.
- **Second Priority is Mapping** of the MS4, or municipal storm sewer system for all communities on the county-wide permit. This is a joint effort of the Summit County GIS Department and Woolpert and will also utilize ARPA funding.
- **Annual Mapping Updates** are estimated to cost \$50,000 countywide.
- **IDDE (Illicit Discharge Detection and Elimination) outfall monitoring** efforts are estimated to cost \$20,000 annually, plus an estimated \$5,000 for potential illicit discharge source tracing.

12

12



Surface Water Management District Priority Projects

- Summit County provided approximately \$15 million in ARPA funding for SWMD efforts. Studies of 12 priority regional projects are underway throughout the member communities, plus 2 projects have been designed & will be bid this year.
- In addition to the 14 regional projects, the SWMD is funding MS4 Mapping and has initiated studies for Cuyahoga River and Tuscarawas River watersheds. These studies will identify additional future projects.

13

13



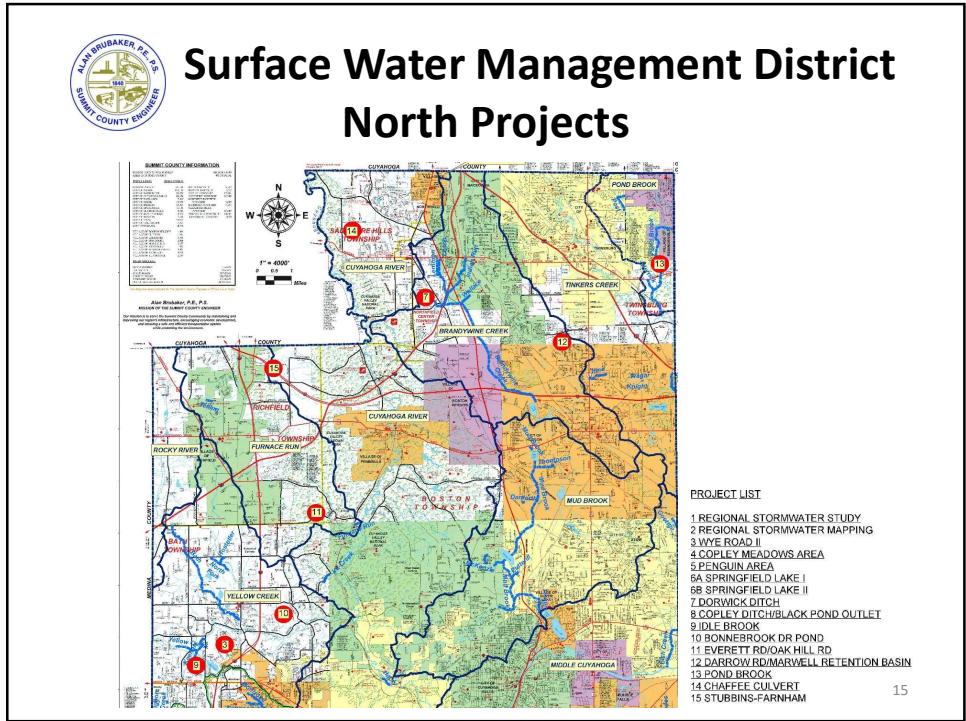
Surface Water Management District Priority Projects

Major considerations for project selection:

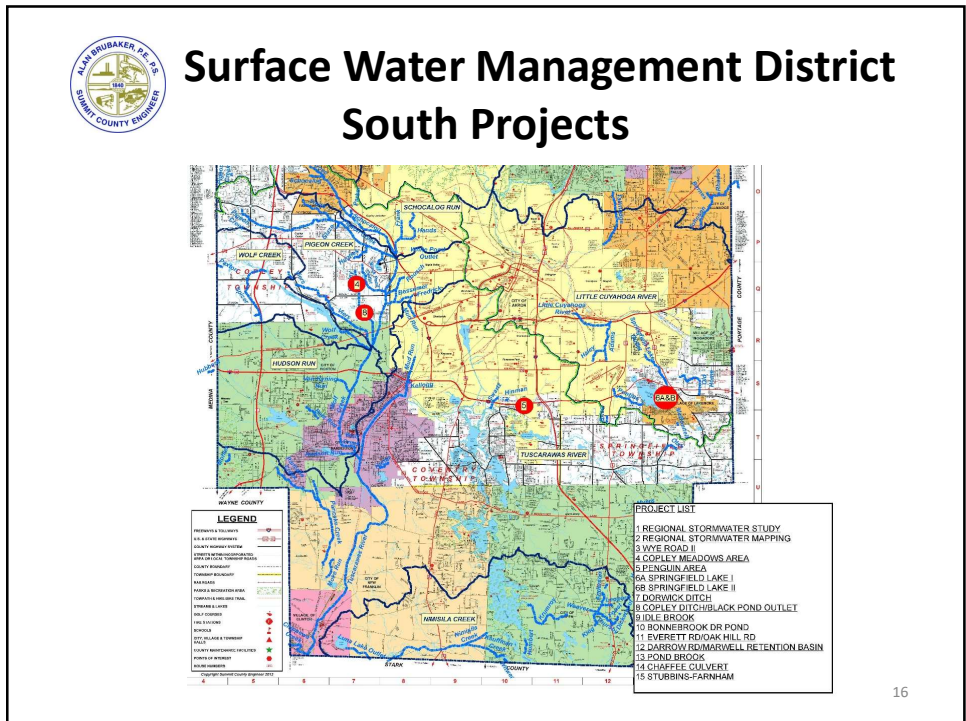
- Previously identified areas of concern.
- Severity of the flooding, erosion and/or water quality.
- The number of properties benefiting from the improvement.
- Existing County petitioned ditches that can be improved to provide better drainage and water quality.
- Areas where land is available for stormwater management and water quality basins.

14

14



15



16



Surface Water Management District ORC 6131 Petition Process Petitioned Drainage Improvement

- A. For the Initial ARPA-funded SWMD Priority Projects:
- Community shall initiate Petition under ORC 6131 to enable County Council to implement the improvement. (All costs related to the 6131 process are paid by the SWMD.)
 - A Public Viewing, Two Public Hearings and Council action required.
 - Acquisition of easements is by Council acceptance of project Easement Plat.
- B. For Other Projects, the Community or Citizen(s) may sign a Petition to initiate the project. The Public Viewing, Two Public Hearings and Council action are required for:
- Final Design.
 - Easement Acquisition.
 - Construction.
 - Assessment of construction and maintenance costs to benefitting properties.

17

17



Surface Water Management District Fee Rates Updated in 2022

- The SWMD Fees will commence in January 2025 and will be collected semi-annually with the property taxes of landowners in member communities.
- The rate billed will be calculated in accordance with formulae and tables presented on S.C.C.O. 942.05 as the sum of two parts:
 1. Part One is calculated by sliding scale based on the parcel area.
 2. Part Two is 0.5 Mills x the Appraised value of permanent improvements.

Maximum Fees for each Part are given for each Use Classification.
Minimum Fee is \$18.00 for a vacant parcel.
- For residential customers, the annual rate will vary from \$18.00 to \$100.00.
 - Part One Acreage Fee max is \$60.00 for ≥ 0.43 ac
 - Part Two Appraisal Fee max is \$40.00 for $\geq \$80,000$ assessed value
(or \$228,571 appraised value, at 35%)

18

18



Surface Water Management District Fee Rates Updated in 2022

The SWMD Fees will be collected from parcels of the following Classifications:

- Agricultural-Multiple – Max Fee = \$70 + 50 = \$120
- Agricultural-Single – Max Fee = \$70 + 50 = \$120
- Commercial – Max Fee = \$200 + 200 = \$400 + Increments
- Exempt Charitable – Max Fee = \$100 + 50 = \$150
- Exempt Government – Max Fee = \$400 + 200 = \$500
- Industrial – Max Fee = \$200 + 200 = \$400 + Increments
- Residential – Max Fee = \$60 + 40 = \$100

Increment add-ons are \$4/ac for sites >10 acre plus \$50/\$1Million for sites worth >\$1Million

Public road and railroad rights-of-way are exempt, along with any properties specifically exempted from fees and charges by Ohio or US rules.

19

19



Surface Water Management District Advisory Committee Purpose

942.04 (f) An Advisory Committee shall ... review the projects and plans of the District, and to make recommendations about future projects to meet the District's objectives in each community.

- **Active participation**
- **Share expertise**
- **Provide guidance and support**
- **Promote progress and activities**



20

20