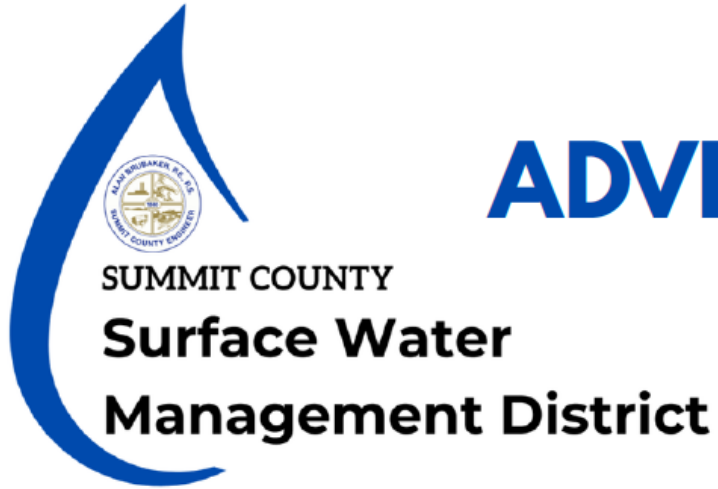




ADVISORY COMMITTEE MEETING

June 24th, 2026

WELCOME!

AGENDA

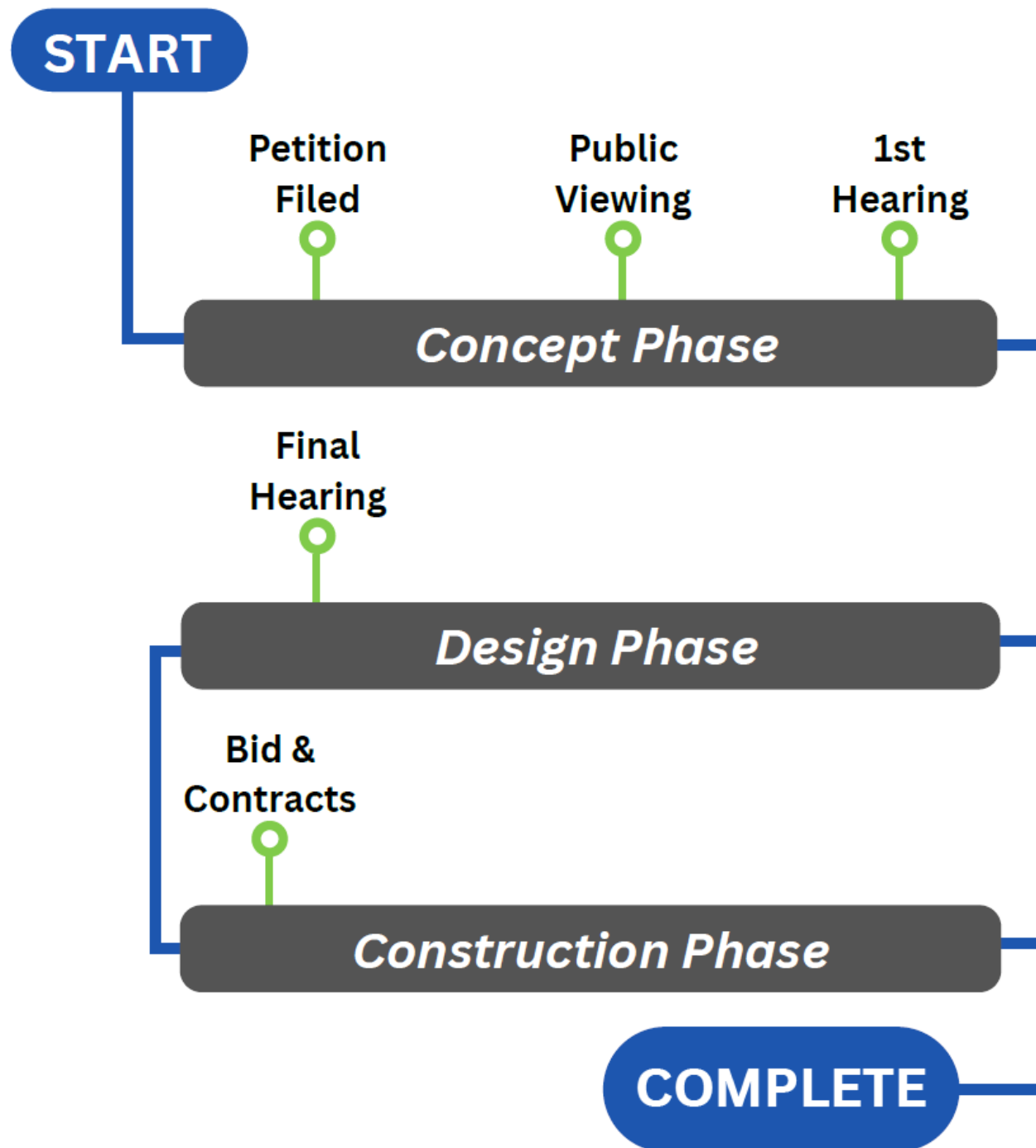
1. Introduction (5 mins)
 - a. Brief Overview of Agenda

2. SWMD Projects (20 mins)
 - a. Summary of Current Projects
 - b. New Projects for Consideration
 - c. Questions or Feedback

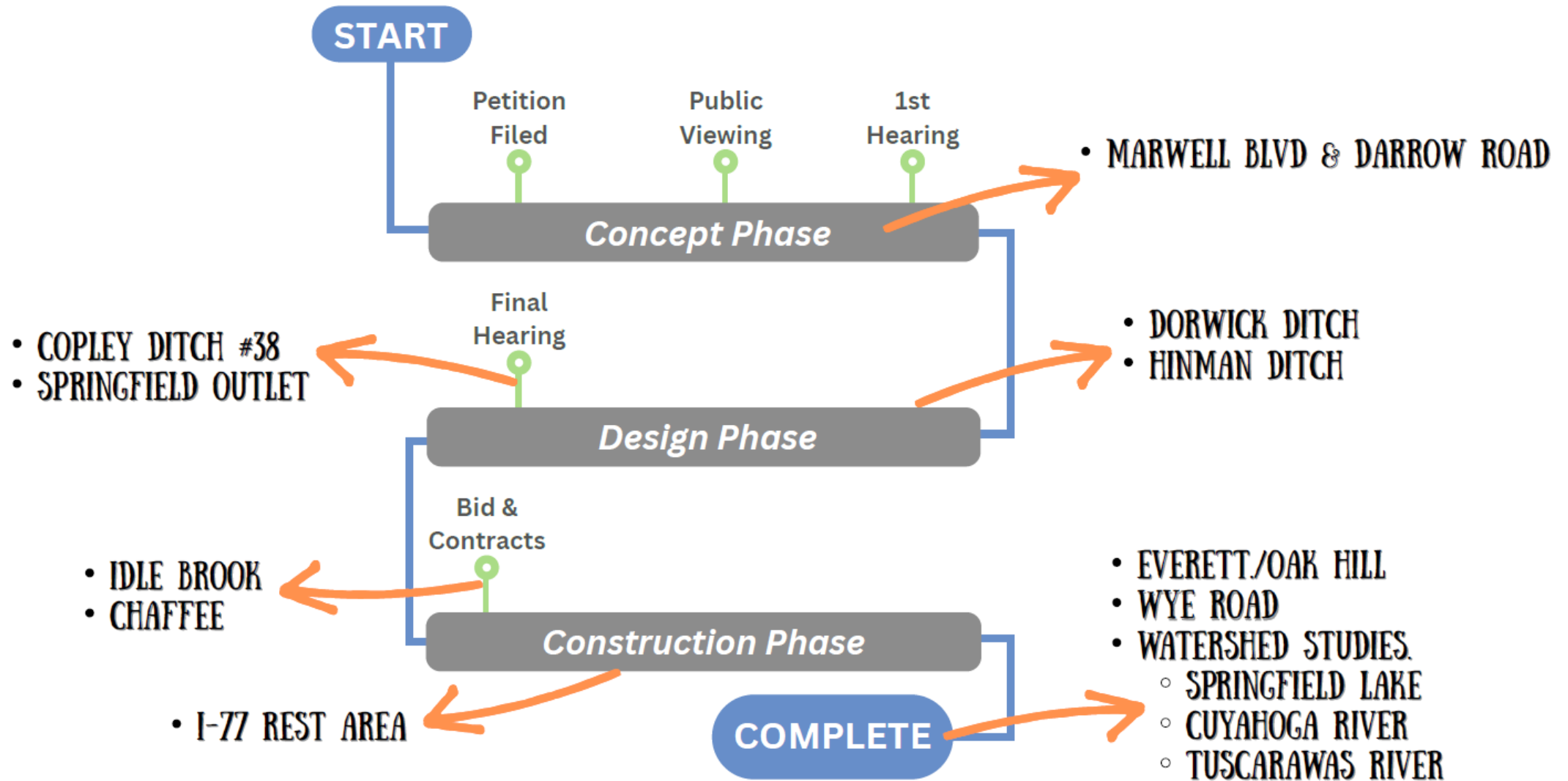
3. Community Partnership Funds (20 mins)
 - a. Application Tips and Reminders
 - b. Eligible Projects and Examples

4. MS4 Permit Update (15 mins)
 - a. Insight Survey Results
 - b. New Permit = New opportunities

5. Open Discussion (15 mins)



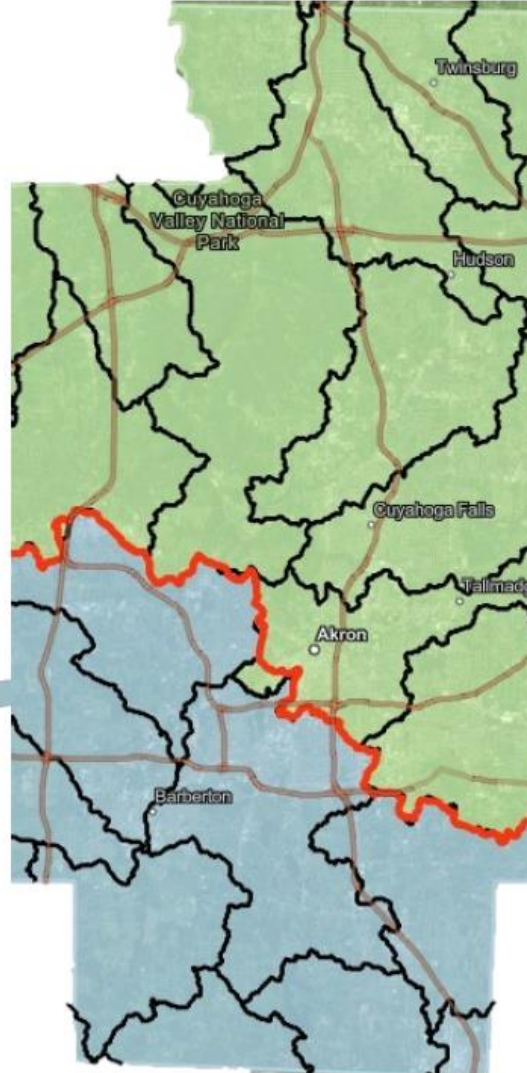
SWMD PRIORITY PROJECTS



WHATS NEXT?

TUSCARAWAS RIVER STUDY

- Completed by: CEC
- Concept Projects Identified: 12



CUYAHOGA RIVER STUDY

- Completed by: Tetra Tech
- Concept Projects Identified: 10

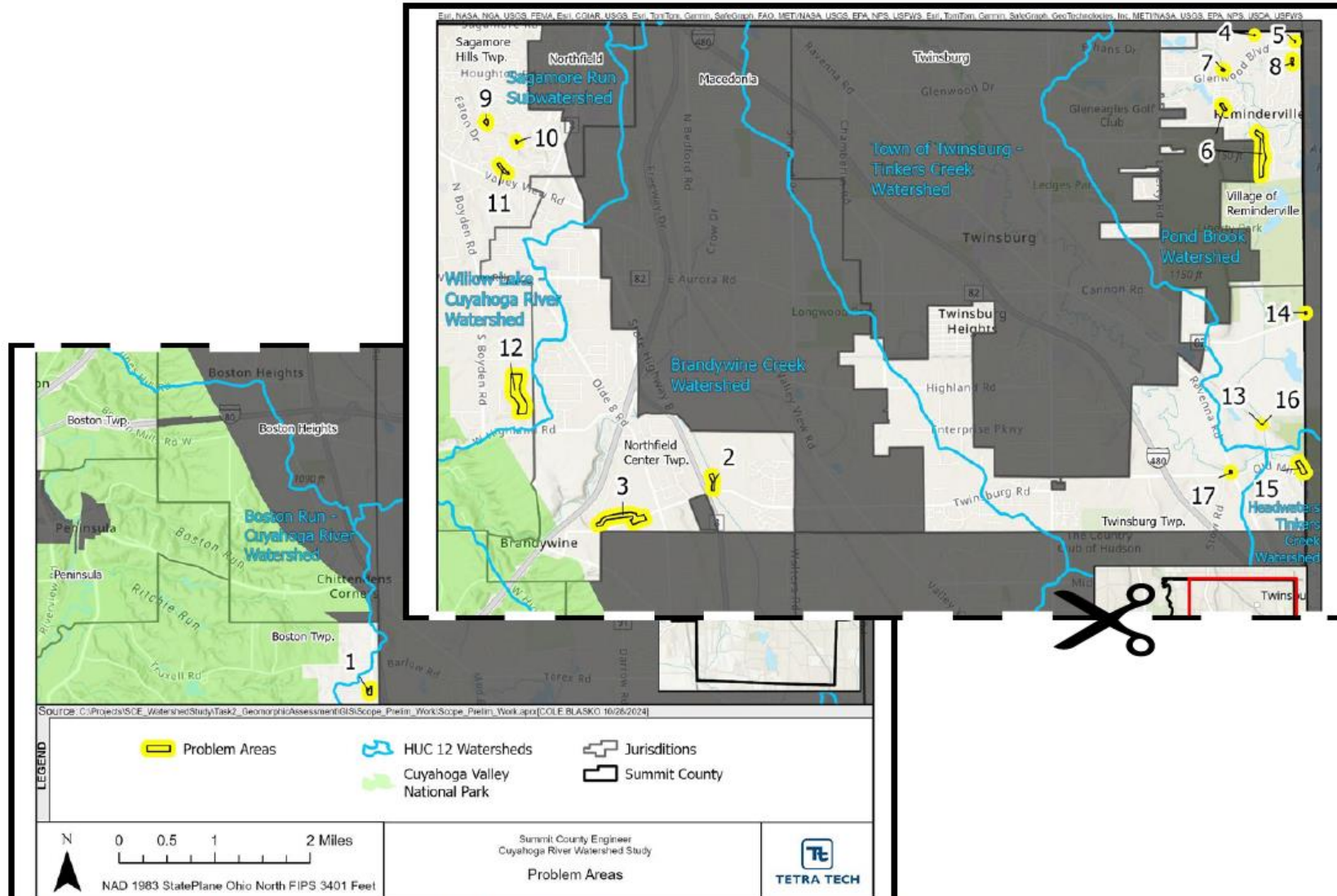
SPRINGFIELD LAKE WATERSHED STUDY

- Completed by: Verdantas
- Concept Projects Identified: 8

WATERSHED STUDIES

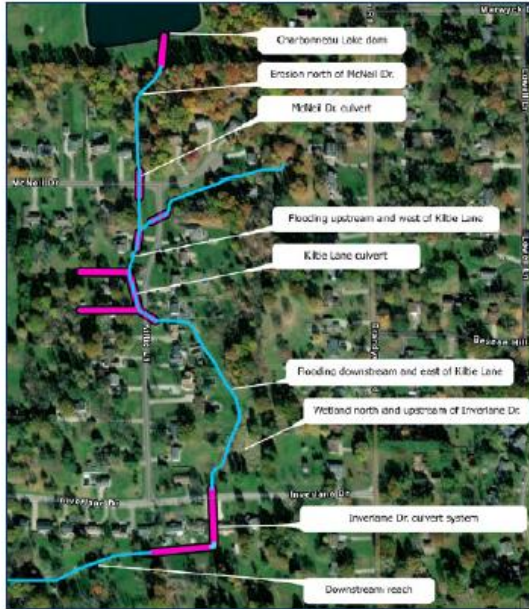
CUYAHOGA RIVER

- Number of Problem Areas Identified: **17**
- Number of Concept Projects Identified: **10**
- Total Estimated Cost: **\$3.6M - \$6.4M +/-**
- Communities:
 - Boston Twp
 - Northfield Center Twp
 - City of Reminderville
 - Sagamore Hills Twp
 - Twinsburg Twp



WATERSHED STUDIES

CUYAHOGA RIVER



Inverness Highlands



Aurora Shores Erosion & Flooding



Troubadour Drive

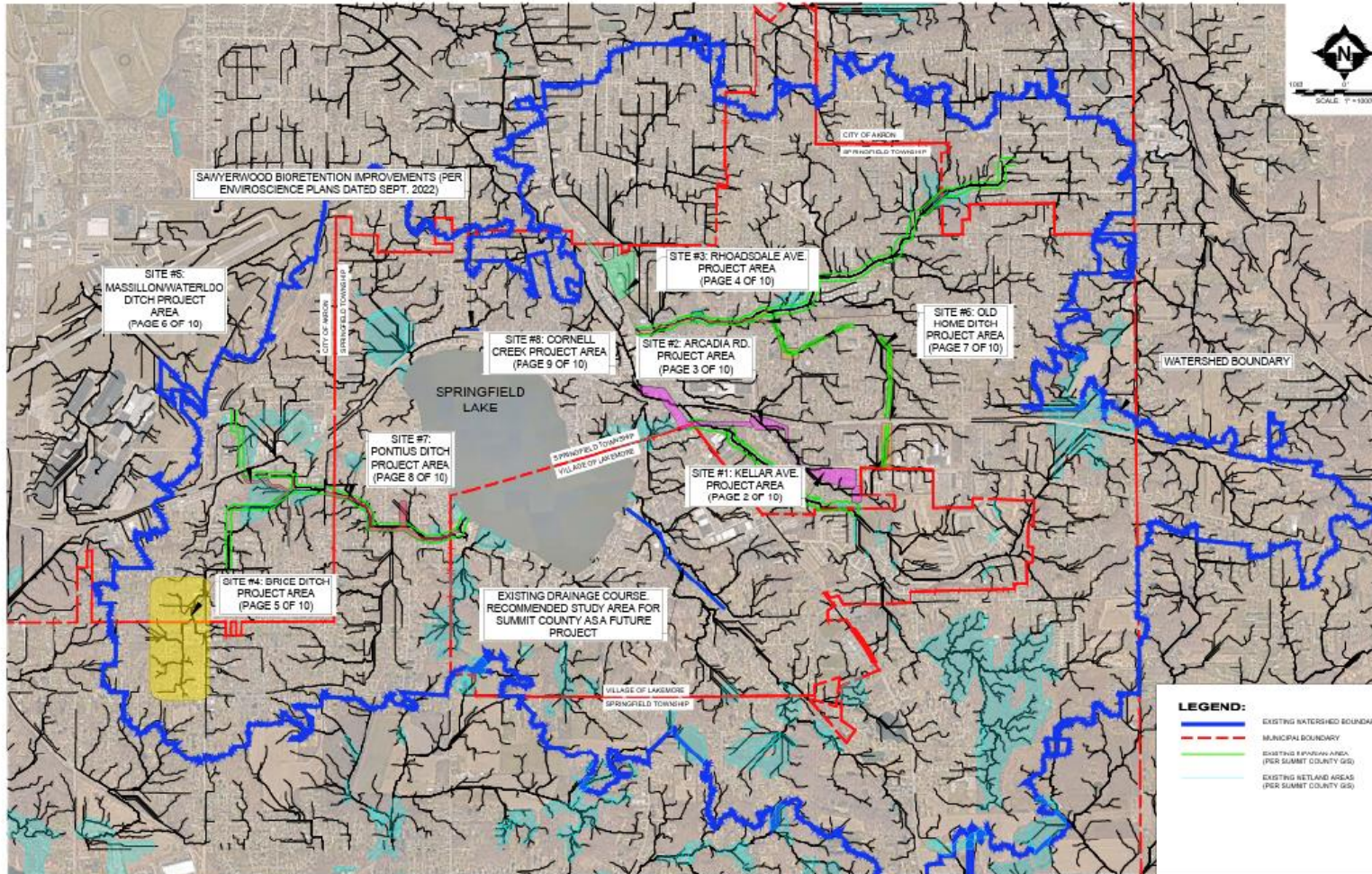


Akron Cleveland Rd Drainage

- Selected Projects: **2/10**
 - Aurora Shores Erosion & Flooding**
- Near-term Projects: **3/10**
 - Akron Cleveland Road Drainage @ Whaley Rd**
 - Inverness Highlands**
 - Troubadour Drive**
- Total Estimated Cost:
\$1.4M - \$5.4M +/- (39-84%)

WATERSHED STUDIES

SPRINGFIELD LAKE



Note: Images and maps may not represent final plans or the most current project information.

- Number of Concept Projects Identified: **8**
- Total Estimated Cost: **\$14.5M +/-**
- Communities:
 - **Springfield Twp**
 - **Village of Lakemore**

PRELIMINARY

verdantas

NO.	REVISION	DATE

SUMMIT COUNTY ENGINEER
SUMMIT COUNTY/SPRINGFIELD LAKE NO.2
WATERSHED STUDY
15% CONCEPTUAL PLAN

SUMMIT COUNTY

AKRON, OHIO

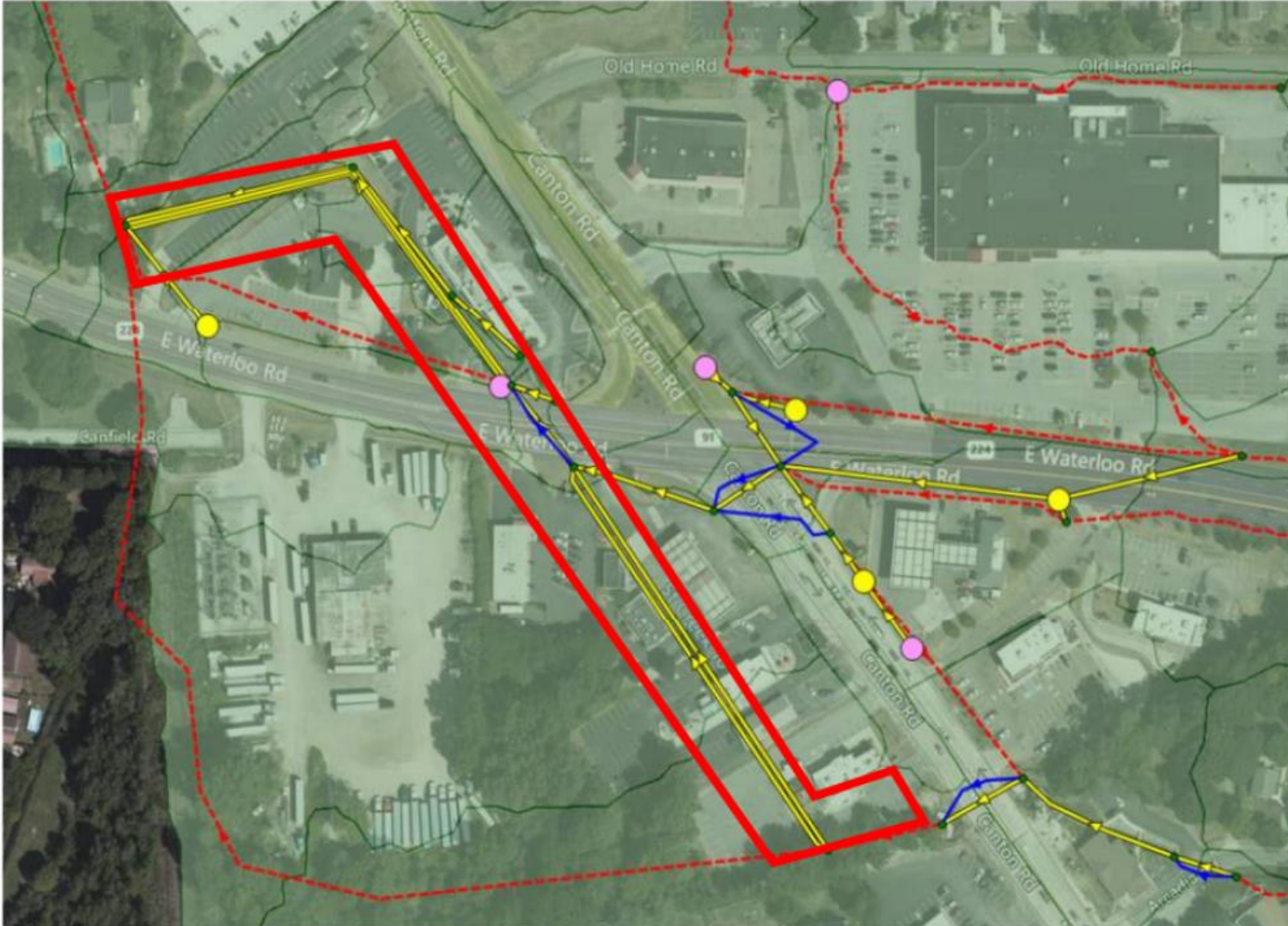
DESIGNED BY:	AD SHAW
DRAWN BY:	MED
CHECKED BY:	PMB

OVERALL PROJECT AREAS MAP

PROJECT NO.	220741
SECTION	CIVIL
OVERALL	
SHEET	1
OF	10

WATERSHED STUDIES

SPRINGFIELD LAKE

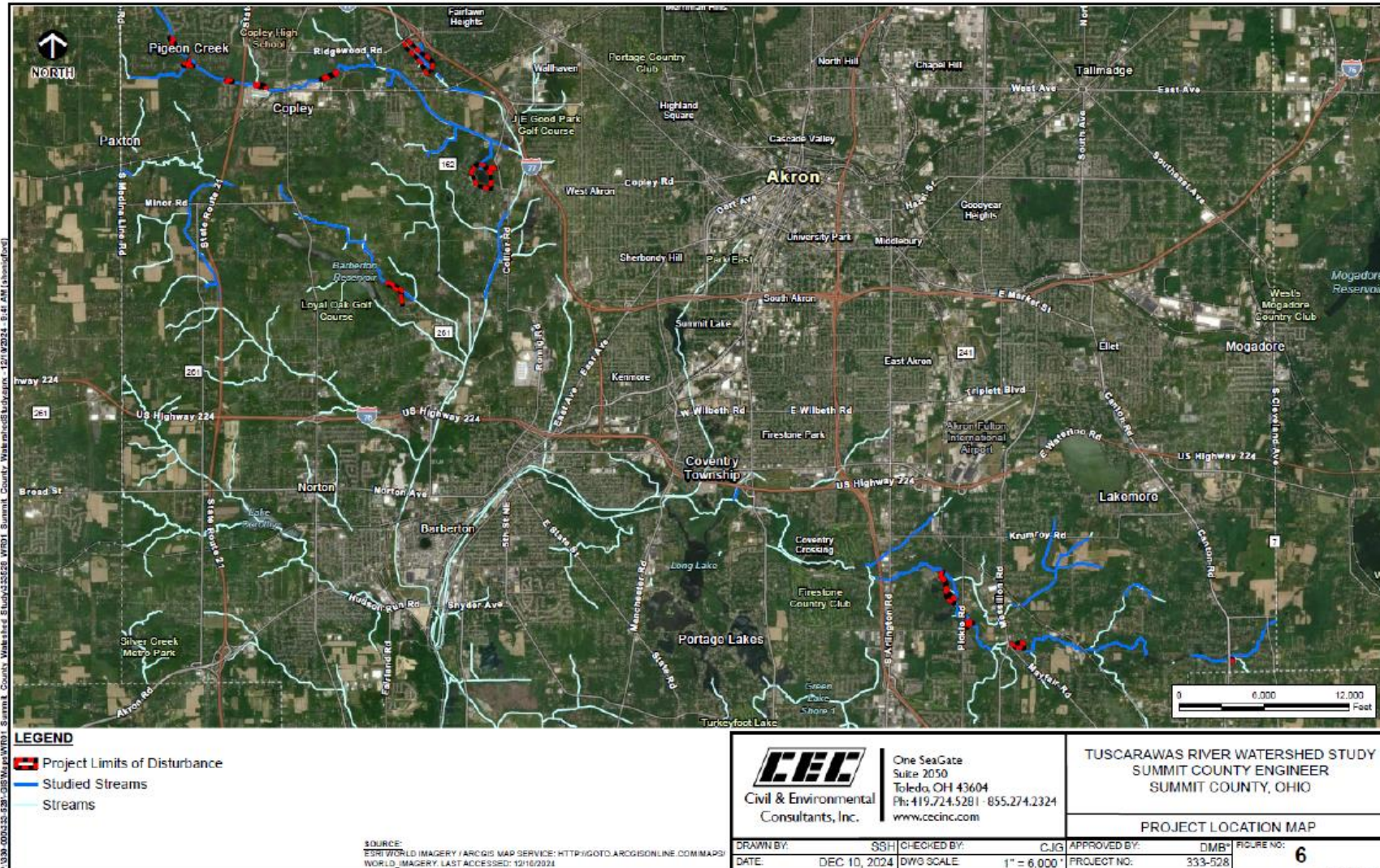


Note: Images and maps not represent final plans or the most current project information.

- Selected Projects: **1/8**
 - **Cornell Creek**
- Total Estimated Cost: **\$614,000 +/- (5%)**
- Private or Assessed Project Construction

WATERSHED STUDIES

TUSCARAWAS RIVER

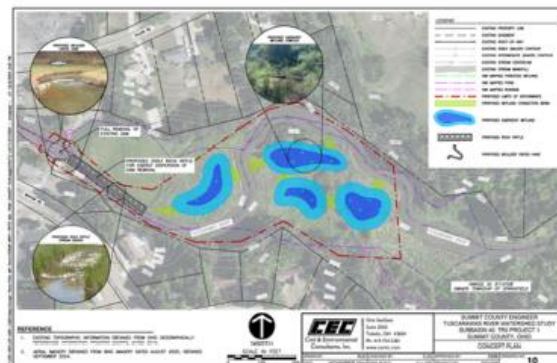
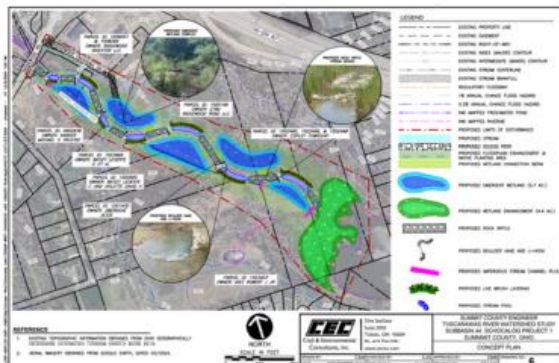
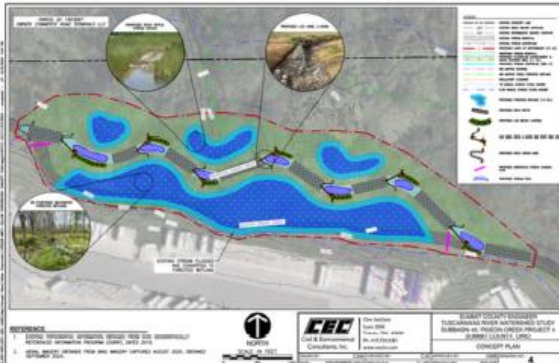
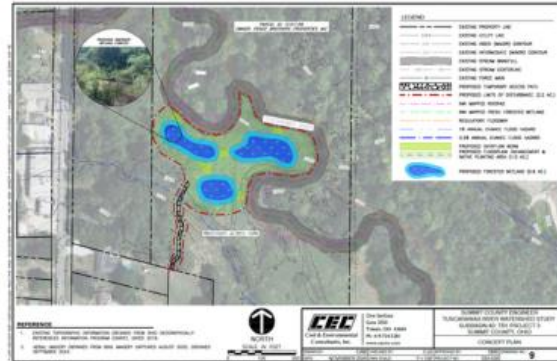
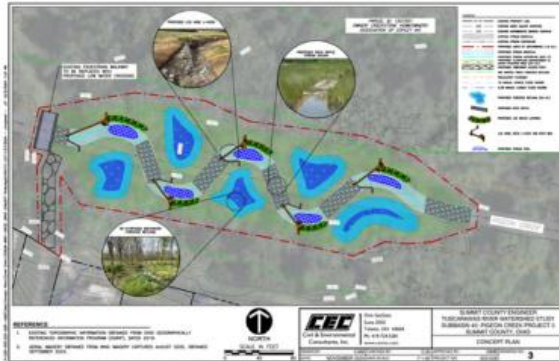


- Number of Concept Projects Identified: **12**
- Total Estimated Cost: **\$9.8M +/-**
- Communities:
 - Copley Twp
 - Springfield Twp

WATERSHED STUDIES

TUSCARAWAS RIVER

- Projects Selected: **6/12**
 - Pigeon Creek 3
 - Pigeon Creek 4
 - Schocalog 1
 - TR1 Project 3
 - TR2 Project 1
 - TR3 Project 1
- Total Estimated Cost:
\$6.2M +/- (63%)



NORWOOD LAKE DITCH

Northfield Center Twp, Cuyahoga Basin (Ditch Petition)



- Status: Preliminary Design Complete
- GOAL: Replace 1,100 feet storm sewer
- Methods: Upgrade existing 18" storm sewer to new 24" storm sewer
- Assessed Construction Project

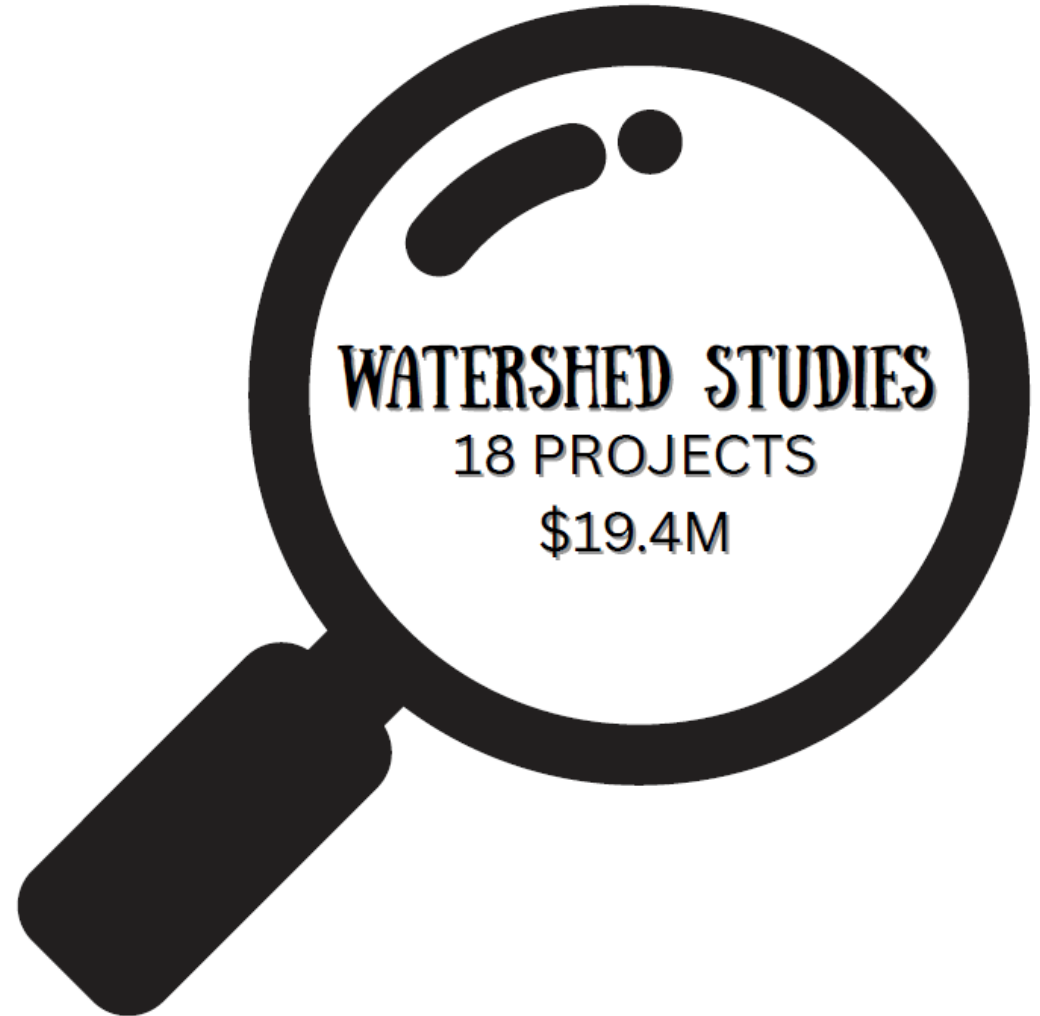
Note: Images and maps are based on preliminary designs and may not represent final plans or the most current project information.

WATERSHED MASTERPLAN



Studies, Complaints, Improvement
Plans, NPSIS, OEPA WQ Data, TMDL,
Flood Risk, Natural Resources...

PRIORITIZATION



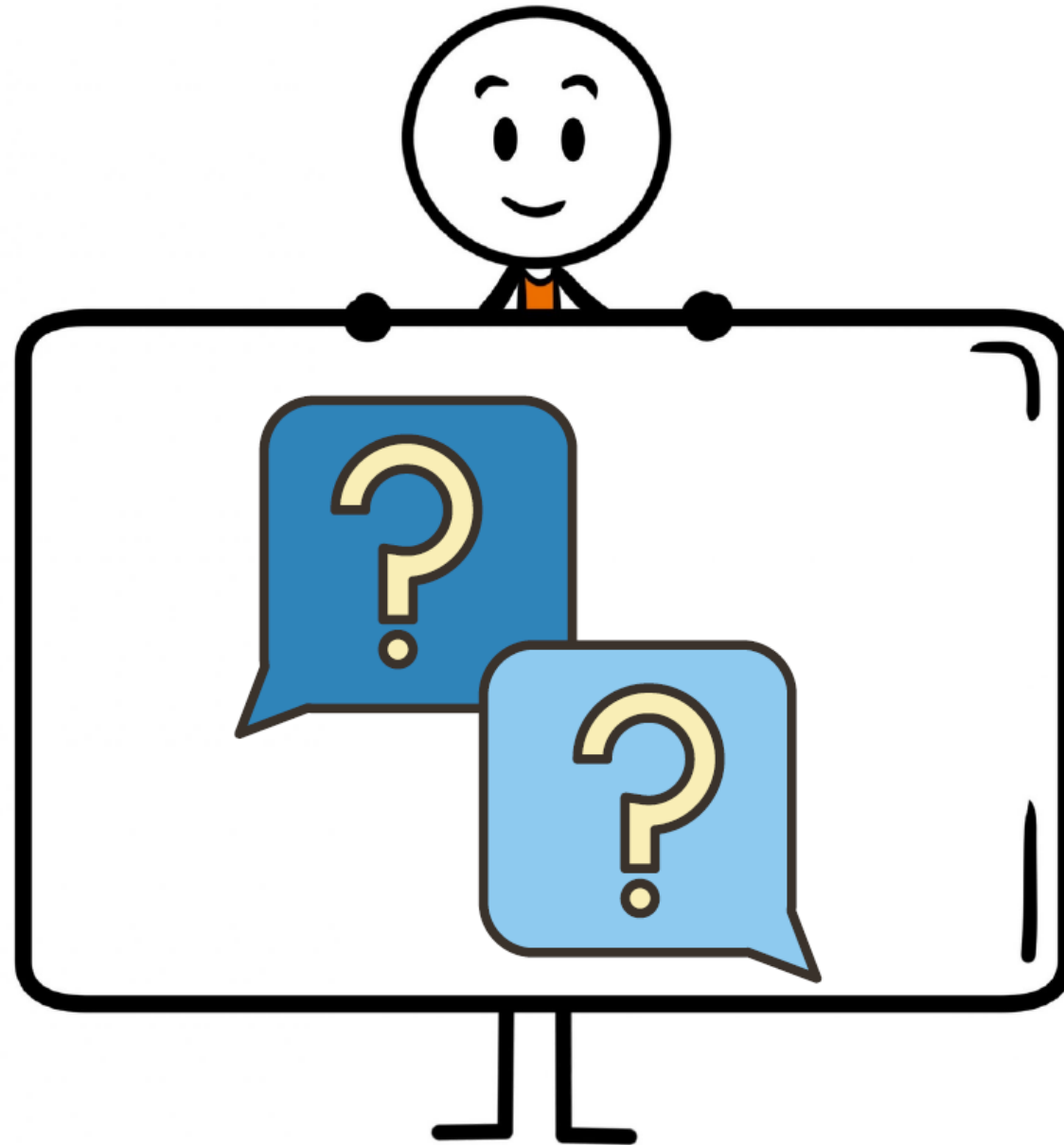


Summit County Surface Water Management District

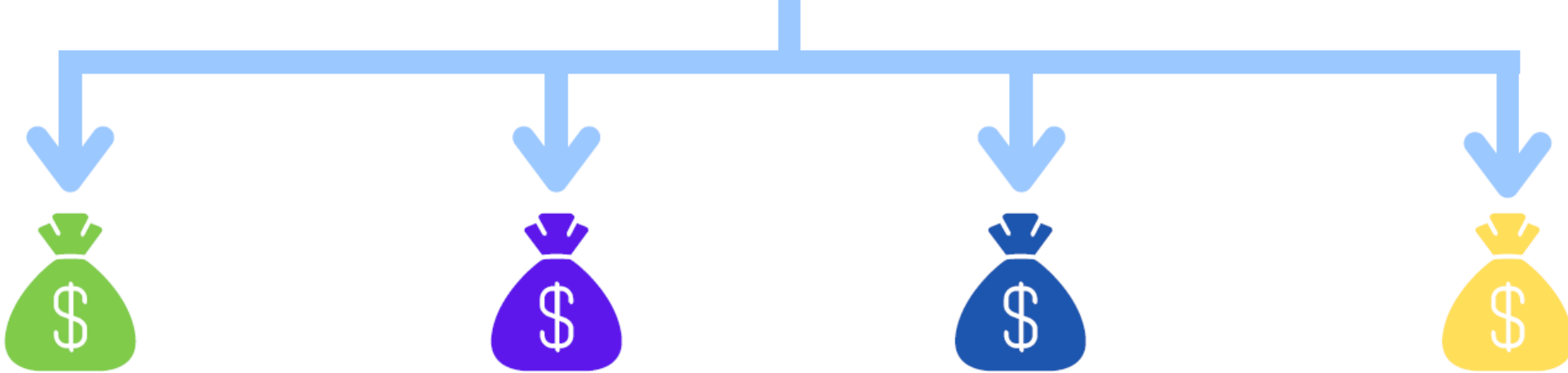
Summit County Engineer's Office

Keeping Stormwater Clean, Together





SWMD FEE

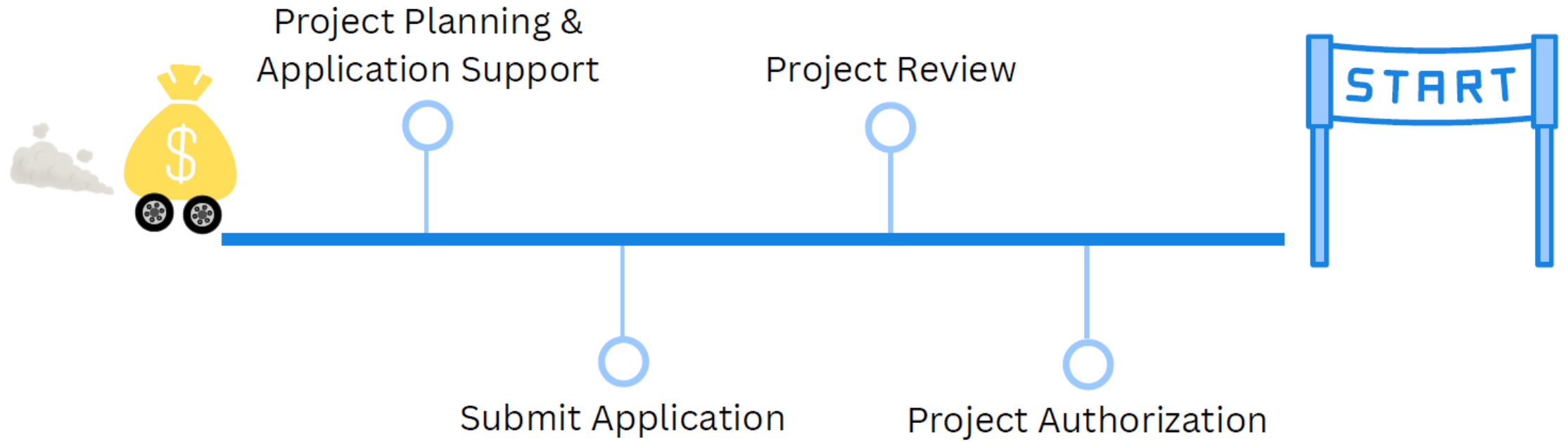


**COUNTYWIDE
PROJECT FUND**

**MS4 PERMIT
COMPLIANCE**

**WATERSHED
FUNDS**

**COMMUNITY
PARTNERSHIP
FUNDS**





COMMUNITY PARTNERSHIP FUND GUIDANCE

The Community Partnership Fund Program provides funding to communities within the Summit County Surface Water Management District (SWMD) for community-specific stormwater management projects. To implement the SWMD Community Partnership Fund Program, each community is provided an annual allocation of partnership funding in amounts as outlined in Summit County Chapter 942. The SWMD fee collection year begins January 1 and continues through December 31 of that year. Funds collected for each community are held in a separate account with yearly funding allocation deposited to the community.

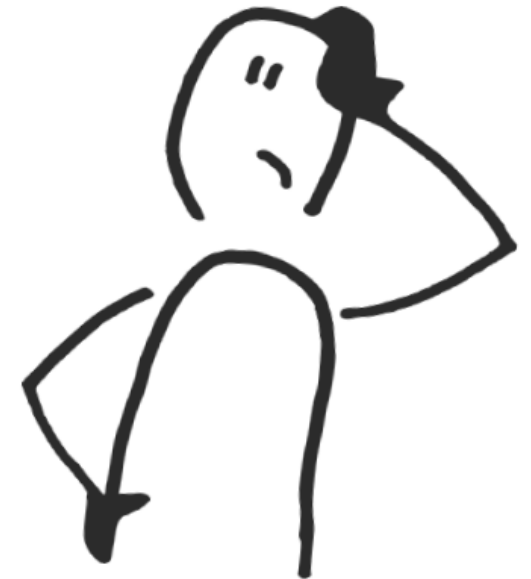
To utilize Community Partnership Funds, communities must be in compliance with the SWMD's Stormwater Management Program (SWMP). Activities using Partnership funding must directly support or align with the goals and objectives of the SWMP and aim to address existing flooding, erosion, stormwater, and water quality issues, while minimizing the potential for new problems. Community Partnership Funds generally cannot be used to improve or maintain roadways or roadway drainage systems except where such improvements are an essential component of a SWMD approved project. Community Partnership Funds cannot be used to replace funding for programs already in place or offered by the community, unless the program or activity is part of the MS4 program. Additionally, all activities funded through the Community Partnership Funds must be pre-approved, documented, and reported annually to the SWMD for inclusion in its annual report to the Ohio EPA.

Eligible Partnership Fund Activities – All activities undertaken by communities using Partnership funding must clearly align with the goals and objectives of the SWMD. They should aim to address existing flooding, erosion, stormwater, and water quality issues, while minimizing future risks. Projects must provide a regional benefit and comply with all relevant federal, state, and local regulations. Additionally, all applicable projects must include provisions for ongoing operation and maintenance. Eligible activities include:

- Projects that reduce volume, flow rate, and/or pollutant load of stormwater runoff into the local MS4 system. *Note: The ORC does not allow Townships to improve off-roadway drainage, therefore townships shall utilize the services of the County Engineer for their design, construction, and maintenance.*
 - Construction of local surface water improvements at the discretion of the community and with the approval of the County Engineer.
 - Installation of stormwater management practices on community or publicly owned properties.
 - Improvement of neighborhood drainage systems outside of right-of-way areas, subject to the establishment of easements and perpetual stormwater maintenance assessments.
 - Improvement of off-roadway drainage systems (i.e. streambank restoration, surface water conveyance systems, swales, etc.), subject to the establishment of easements and perpetual stormwater maintenance assessments.
 - Conversion of impervious surface areas to pervious (i.e. replacing traditional asphalt with permeable pavement, or converting impervious areas to natural green space)

Reference list of eligible activities

- Reduce volume, flow rate, and/or pollutant loads
- Meet SWMP requirements
- Matching funds for grants
- Purchase of land
- Operation & Maintenance activities



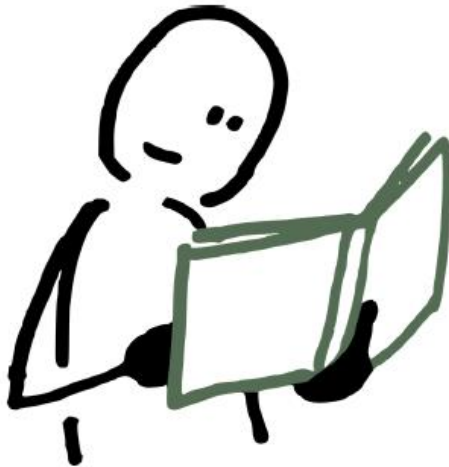
CPF Program Guidance Sheets

✓ Stream Restoration & Bank Stabilization

✓ Street Sweeping

Private Sewage Collection Tiles

Twp Projects Outside ROW



MS4 STREAM RESTORATION & BANK STABILIZATION

Stream Restoration and Bank Stabilization projects reduce erosion, improve water quality, and restore ecological function within riparian corridors. For this activity, all phases from planning, design, engineering, permitting, materials, and full implementation are eligible expenses. Communities must demonstrate that proposed methods are environmentally appropriate, technically justified, and prepared by qualified professionals.

Program Requirements

- **Site Assessment & Professional Analysis:** A professional review should document the stream's current condition and the factors causing erosion. The review must outline the location, the problem, and the justification for the proposed restoration or stabilization work.
- **Natural/Bioengineered Solutions:** Project should prioritize natural channel design, bioengineering, and vegetative stabilization techniques. These approaches best support long term water quality improvement, habitat function, and ecological resilience. Examples of natural/bioengineered solutions are provided on the second page.
- **Hardscape solutions:** The use of rock armoring, gabions, revetments may be appropriate only when site conditions clearly justify them, such as:
 - Highly urbanized corridors: Riparian areas constrained or compromised by existing structures
 - Locations where softer methods cannot provide adequate protection.Note: Even when hardscape is necessary, projects must demonstrate water quality benefits, such as reducing sediment loading from ongoing erosion.
- **Design Drawings & Technical Plans:** Drawings, plans, and supporting documentation must prepared by a qualified professional. Plans must show:
 - Existing and proposed conditions
 - Stabilization or restoration methods and materials
 - Limits of disturbance
 - Expected water quality improvements
 - Construction sequencing and access
- **Water Quality Benefit Demonstration:** Projects must document measurable improvements such as:
 - Reduced sedimentation
 - Stabilized banks
 - Improved habitat structure
 - Reduced pollutant loading
- **Activity Documentation & Reporting:** Communities must maintain records of planning, design, and implementation activities. These records support reporting to the Storm Water Management District (SWMD) for inclusion in its annual EPA report.

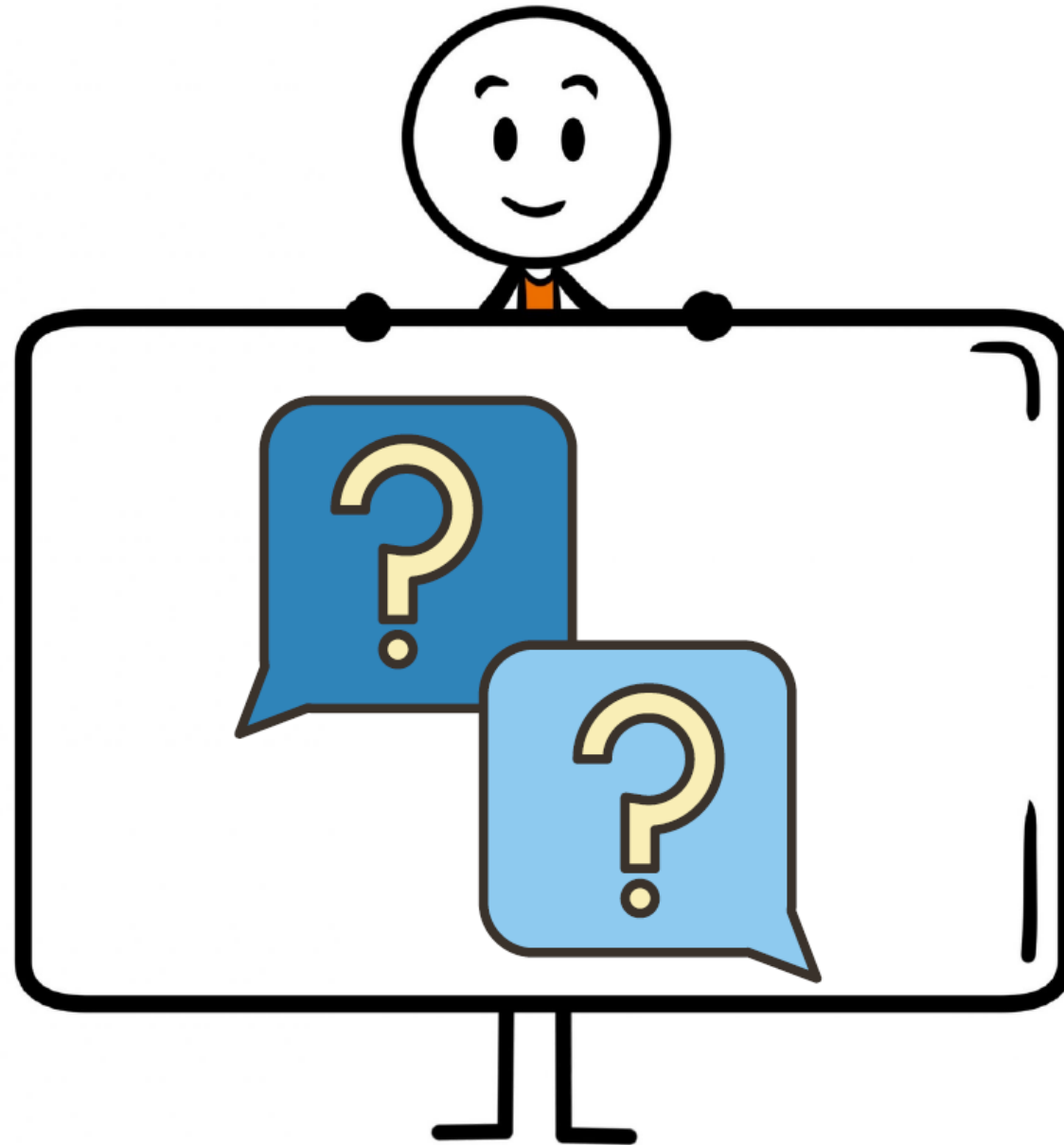
Start the Conversation Early, Even if it's just an IDEA!



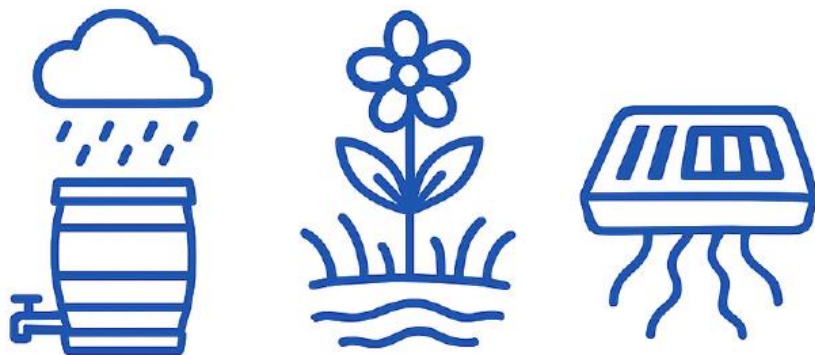
- Shape ideas into strong, eligible projects.
- You don't need a full plan, rough concept is enough.
- We can help identify opportunities, refine scope, and avoid roadblocks.
- The sooner we connect, the smoother the application and approval process becomes.







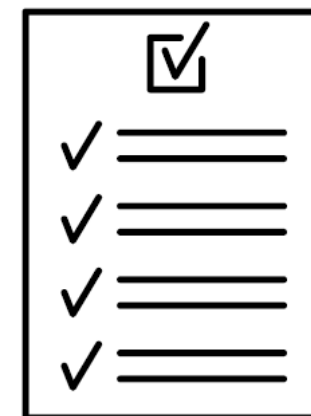
Communities Working Together for Clean Stormwater



CLEAN WATER STARTS WITH US



- Localized flooding or standing water
- Stream or Creek Erosion
- Pollution or litter in public spaces
- Limited educational programming for youth
- Identifying stormwater projects
- Training and educational opportunities



- Protecting natural spaces, green space
- Recreational opportunities, connection to parks
- Clean water, healthy streams
- Public engagement & participation

DRAFT SUBJECT TO CHANGE

Page 1 of 43

NPDES Permit No.: OHQ000005

Issuance Date:
Effective Date:
Expiration Date:

OHIO ENVIRONMENTAL PROTECTION AGENCY

**AUTHORIZATION FOR SMALL MUNICIPAL SEPARATE STORM SEWER
SYSTEMS TO DISCHARGE STORMWATER UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

In compliance with the provisions of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et. seq. hereafter referred to as "the Act"), and the Ohio Water Pollution Control Act (Ohio Revised Code Chapter 6111), dischargers of stormwater from Small Municipal Separate Storm Sewer Systems, as defined in Part VI of this permit, are authorized by the Ohio Environmental Protection Agency, hereafter referred to as "Ohio EPA," to discharge from the outfalls and to the receiving surface waters of the state identified in their Notices of Intent (NOI) Application form on file with Ohio EPA in accordance with the conditions specified in this permit. This permit includes all required permit terms and conditions in the general permit and has been issued under the Comprehensive General Permit approach in accordance with Ohio Administrative Code (OAC) 3745-38-02(B)(4)(a).

After conducting an antidegradation review required by OAC Rule 3745-1-05, which includes an evaluation of pertinent technical, environmental, social, and economic information, I am approving the discharge specified in this permit. The terms and conditions of this permit will ensure that the pollutants discharged under this permit will be protective of water quality standards.

Granting of permit coverage is conditioned upon payment of applicable fees, submittal of a complete NOI Application in accordance with Part I.D of this permit and written approval of coverage from the director of Ohio EPA in accordance with OAC 3745-38-02(E).

John Logue
Director



Inform residents or commercial/institutional facilities on proper salt storage, handling, and application practices.



SWP3 review and approval must include a letter or email documenting final approval of the SWP3.



Construction Sites (941) initial inspection within 14 days of the start of earth disturbance.



Construction/Post Construction ordinance or other regulatory mechanism must be, at minimum, equivalent with the technical requirements of current OEPA's General Construction Permit, OHC000006, issued April 23, 2023.

- Creation of walking trails, connecting trails to parks
- Outdoor classrooms
- Projects to alleviate flooding
- Vacant lots and parks → Green space



- Surveys or questionnaires
- Homeowners
- Youth and students
- Focus groups, small group discussions

