

Lancaster County Act 167 Plan — Phase 1

Watershed Plan Advisory Committee Kick-off Meeting, Upper Leacock Township

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July 22, 2024

Agenda

Introduction

Purpose and Goals

Past Plans

Requirements

**Watershed Plan
Advisory Committee**

Benefits

Where We Are Now (Phase 1)

Next Steps

Possible Strategies (Phase 2)

Initial Survey

Introduction

CORE PLANNING TEAM



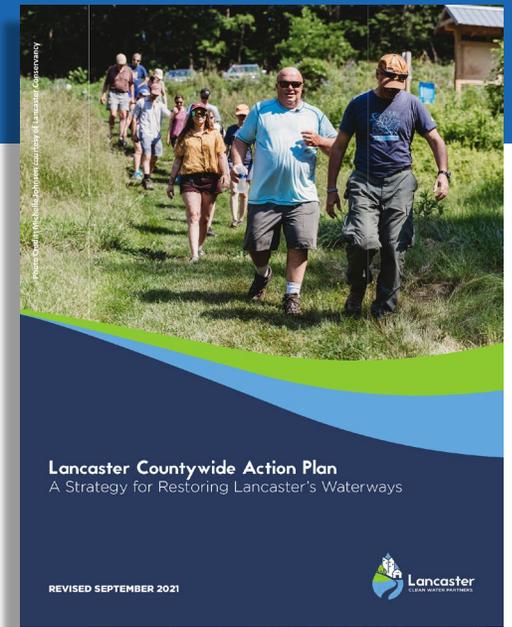
WATERSHED PLAN ADVISORY COMMITTEE

CONSULTANT

Introduction

Why Are We Doing This?

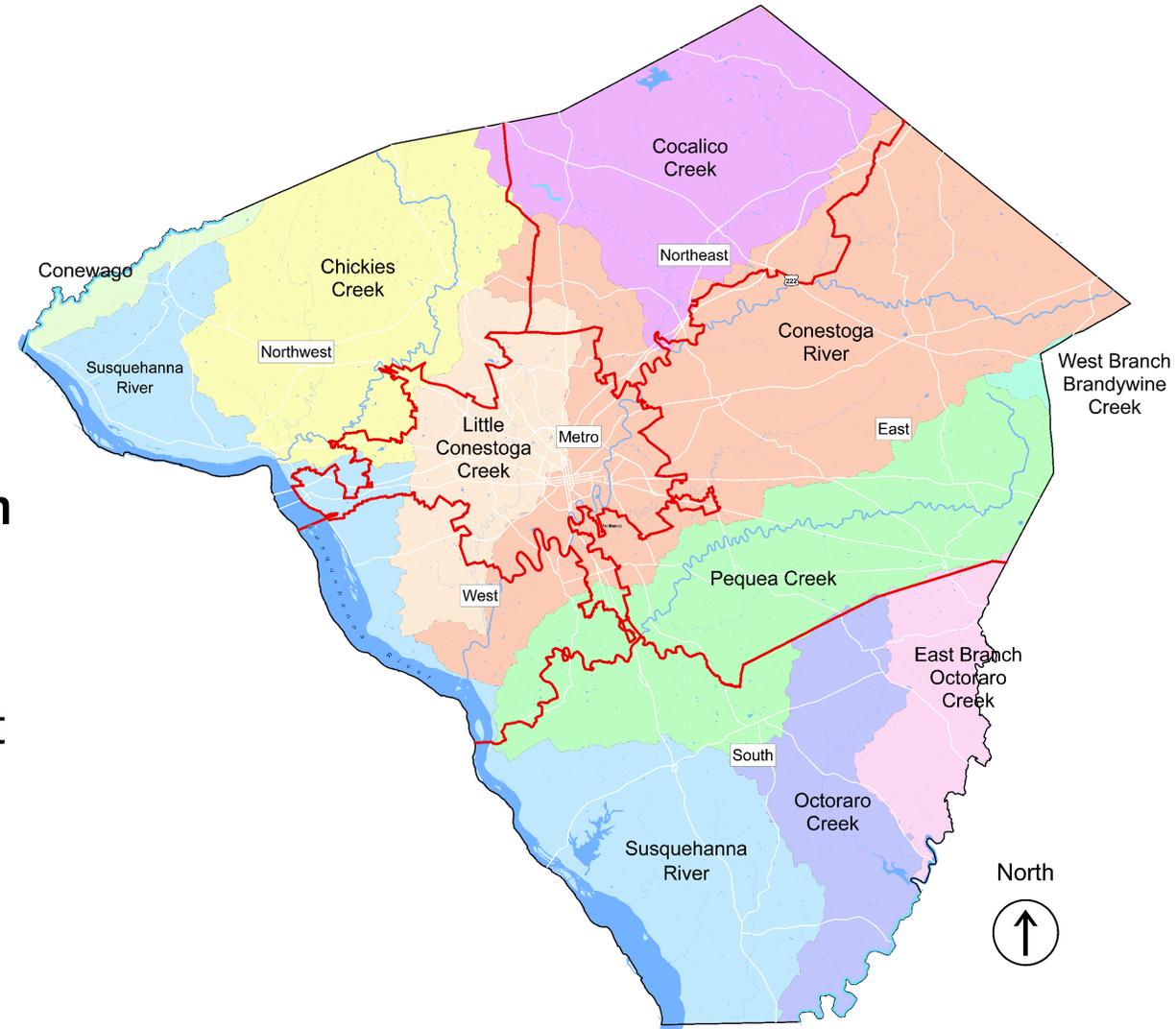
- Act 167 Plans need reevaluated every 5 years (*Blueprints* adopted May 2013)
- Help implement *places2040* Big Idea of “Taking Care of What We Have”
- **Countywide Action Plan or CAP (WIP 3):** Identified as a priority initiative by the plan writing team
- State money is available.....now



Purpose

Act 167 of 1978

- **Pennsylvania's Storm Water Management Act** was enacted as Act 167 of 1978
- **Goal:** Reduce damaging impacts of accelerated stormwater runoff from land development
- Requires counties to prepare and adopt a **watershed-based stormwater management plan** for each watershed within the county (or the county as a whole)
- Requires municipalities to adopt and implement local ordinances to regulate land development consistent with those watershed-based stormwater management plans



Purpose

Watershed-Based Stormwater Management Plan

- **Watershed-Based Stormwater Management Plans (SWMPs)** provide municipalities with a framework to control stormwater runoff from new development
- These plans include standards for managing the **quantity, velocity (rate), and quality of stormwater runoff**
 - Based on the characteristics of each watershed
 - Including current and future development plans
- **Goal:** Control post-development stormwater runoff rate, volume, and quality to approximate the pre-development conditions as closely as possible – this helps prevent increased downstream flooding and protects water resources and their uses

Past Plans

Previous Act 167 Plans (Lancaster County)



Watershed(s)	Approved by PA DEP
Mill Creek	6/28/98
Little Conestoga Creek	6/28/98
Cocalico Creek	8/06/02
Conestoga River	8/29/05
Countywide (<i>Blueprints</i>)	5/23/13

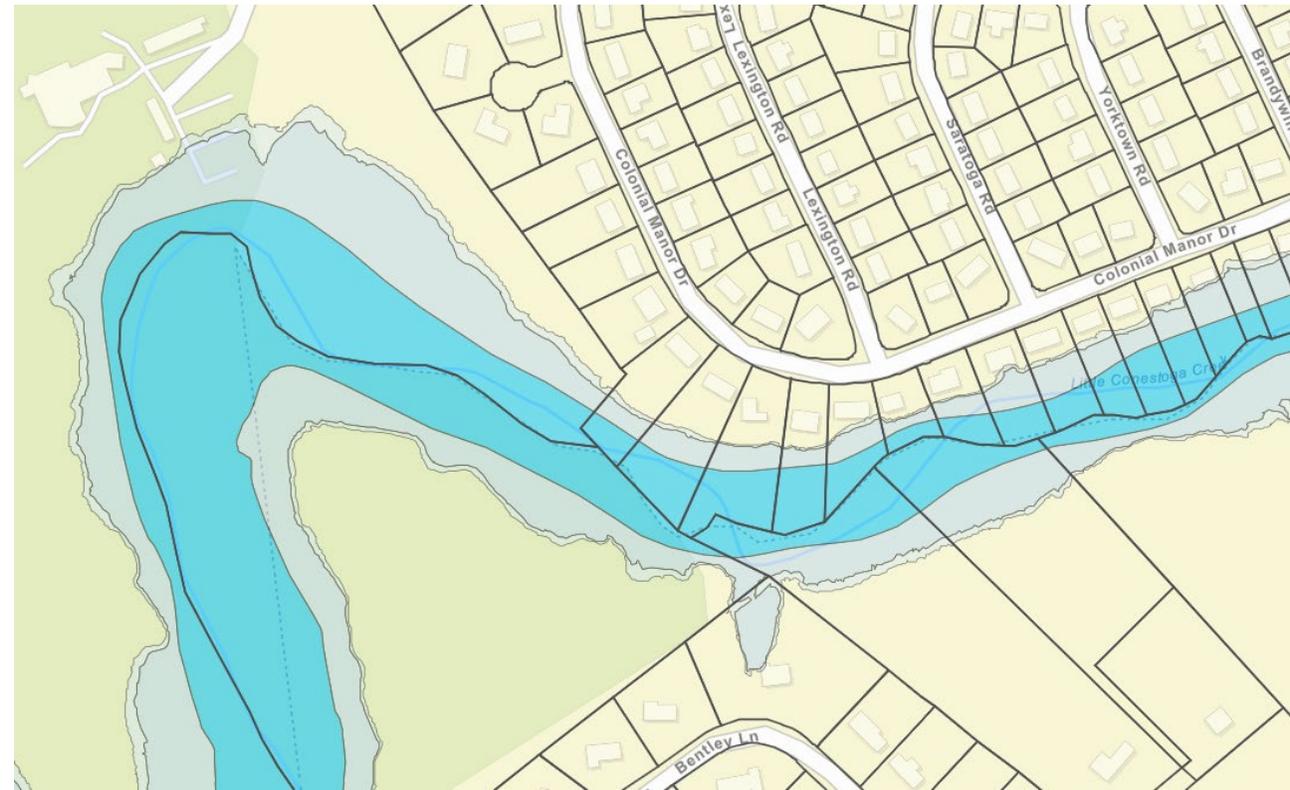
Requirements

Phase I

- Establishes procedures used to prepare the plan
- Assists in setting scope for Phase 2
- Solidifies goals and objectives for Phase 2

Phase 2

- Technical assessment of the watersheds (watershed planning and modeling)
- Identification of admin procedures for implementation of the plan
- Identification of problem areas and obstructions
- Development of the Model Ordinance



Benefits

- Updated SWM Ordinance (and other ordinances?)
- For MS4 municipalities, compliance with NPDES permits achieved by enacting and implementing an ordinance from a current Act 167 Plan
- Addresses more than just stormwater runoff
- Produces useful modeling. Improve consistency (w/ CAST) and accuracy of baselines, new release rates
- Develops a prioritized list of areas to address (flood & stormwater problem areas)
- Promotes a watershed or regionalized approach to stormwater management (ID locations for regional SWM)



Benefits

- Implement **Priority Initiatives** of the CAP (1.1, 1.2, 1.3, 1.4) and others too
- Possibly reduce work for MS4 Permits or PRP plans
- Foster collaboration between municipalities



Where We Are Now

GRANT AWARDED

LCPD was awarded a DEP Growing Greener Plus grant to conduct a Phase 1 study

STATE COVERAGE (75% OR \$50,000)

Based on Lancaster County's population, granted \$50,000, with an applicant match of 25% or \$16,670

LOCAL MATCH

Local match of \$16,670 provided by the Lancaster Clean Water Partners

TOTAL PROJECT COST

\$66,670

Where We Are Now

Tentative Participation – Phase 1

We requested letters of support from municipalities, and received the following response:

37

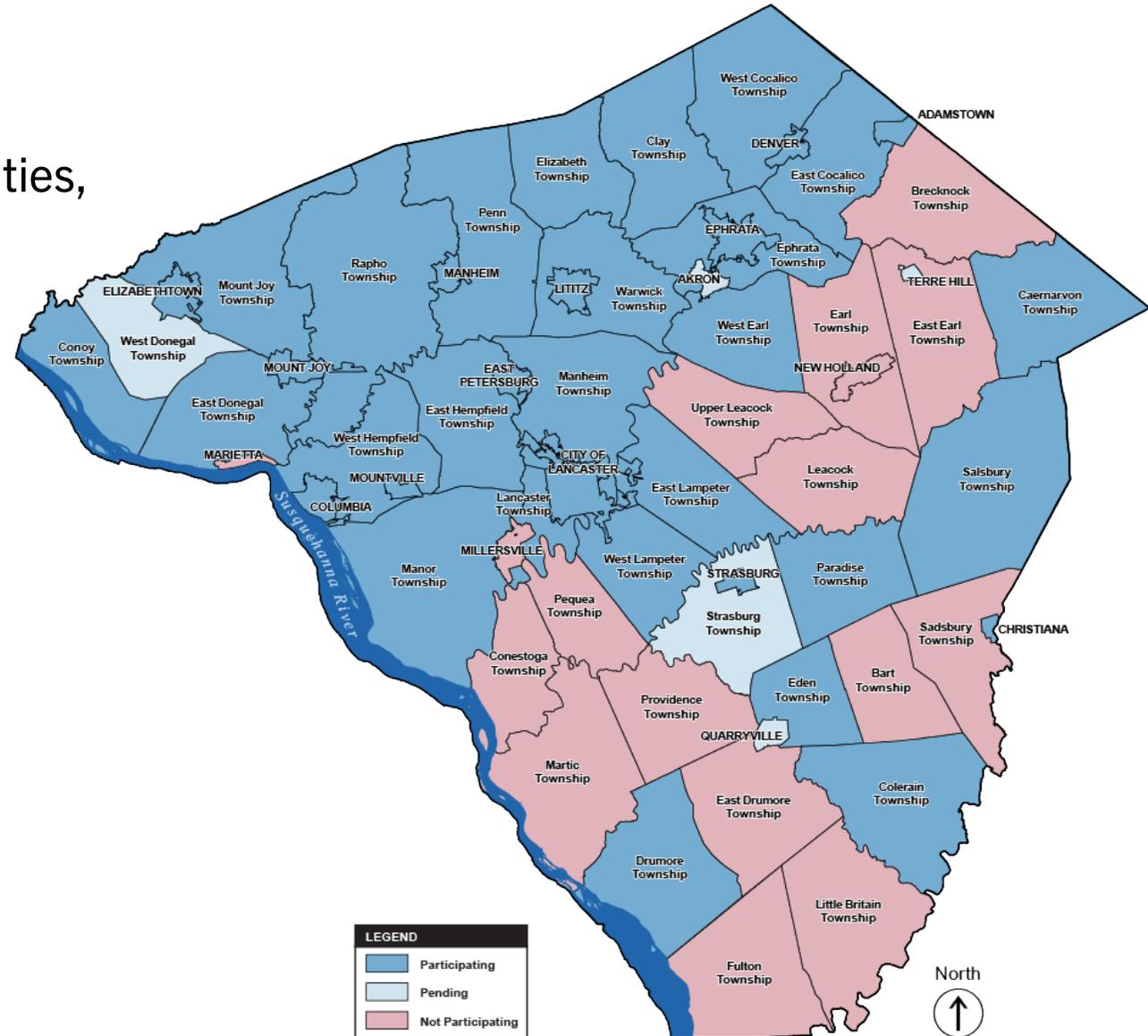
Participating

5

Expressed interest

17

Need to confirm



Next Steps

Timeline for Phase 1 Implementation

<i>Date</i>	<i>Description</i>
July 22, 2024	WPAC Kick-off meeting #1 (Submit for Phase 2 grant August 30, 2024)
Mid – Late August 2024	Consultant under contract
December 2024 -January 2025	WPAC meeting #2
March – April 2025	WPAC meeting #3 (Possibly a 4 th too)
April – May 2025	Complete SOW and Final Plan
May 2025	Submit Phase 1 SWMP to DEP & DCED
June 2025	Phase 1 SWMP Adoption
End of 2025	Begin Act 167 Plan Phase 2 study

Possible Strategies

Possible strategies to the Phase 2 Study

- Look countywide, on a watershed basis, but must approach based on identified needs and budget? Will we:
- Complete a high-level countywide plan?
- Select and focus on high priority or problem areas?
- Select watersheds not already studied?
- Cover all watersheds, but with only the services they need?
- Regardless of the strategy, we will need input and participation from munis, including adoption of a SWM ordinance. So, we will need to stay engaged with all municipalities throughout the process

Initial Survey

- To be released this week
- We need your participation and input!
 - Gauge interest & needs, and
 - Set goals and approach
- Caveats
 - Phase 1 will determine our course, and if we do Phase 2
 - If Phase 2, we need funding. Grant application is due August 30
 - Participation in Phase 1 does not oblige participation in Phase 2

Act 167 Countywide Stormwater Management Plan: Phase 1

Stormwater Management in Your Municipality

Of the following stormwater issues, which impacts your municipality the most? Which would you would like to resolve or improve?*

Rank the options below in order from 1 to 8, with 1 being the highest priority. To begin ranking, click on an option.

- 1 Stream flooding
- 2 Stormwater pollution
- 3 Street flooding
- 4 Damage to public infrastructure (bridges, water and sewer, parks, buildings)
- 5 Soil erosion and stream bank loss
- 6 Impacts from upstream sources
- 7 Obstructions in waterways and at bridges and culverts
- 8 Improved aquifer recharge

Reset

When was the last time your municipality updated their stormwater management ordinance?*

7/10/2024

If we don't move forward with Phase 2 and draft a new model ordinance, when do you plan on updating your stormwater management ordinance again?*

7/17/2024

Are you interested in working on stormwater management and flood control at a regional or watershed scale with your neighbors?*

Yes No Depends on the circumstances

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