



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION



Chesapeake Bay Program Office

Countywide Action Plans

Healthy Waters, Healthy Communities

Pennsylvania Phase 3 Watershed Implementation Plan (WIP3)



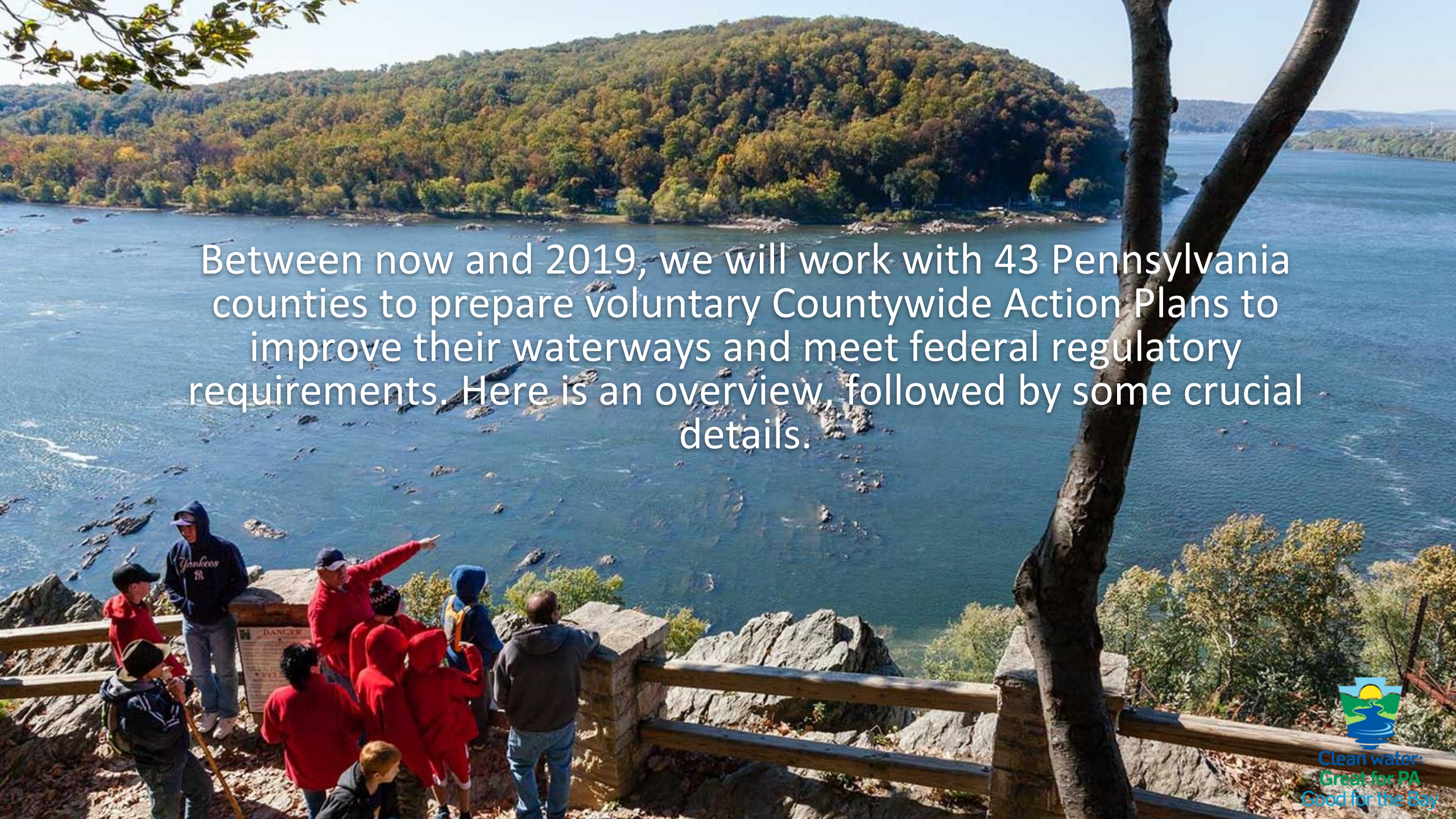
Countywide Action Plans

Today's Agenda

- Overview
- Countywide Action Plans:
 - Who
 - What
 - Examples and Success Stories
 - When
 - Where
 - Why
- The CAP process (How)
- Questions
- Contact Info



Clean water:
Great for PA
Good for the Bay



Between now and 2019, we will work with 43 Pennsylvania counties to prepare voluntary Countywide Action Plans to improve their waterways and meet federal regulatory requirements. Here is an overview, followed by some crucial details.



Clean water:
Great for PA
Good for the Bay

Who is involved?

The overall Phase 3 WIP effort is led by:

- The Pennsylvania Department of Environmental Protection
- Pennsylvania Department of Agriculture
- Pennsylvania Department of Conservation and Natural Resources
- The United States Environmental Protection Agency



...but it's really a team effort!

What is the Countywide Action Plan for?



..and, get credit for the work you are already doing.

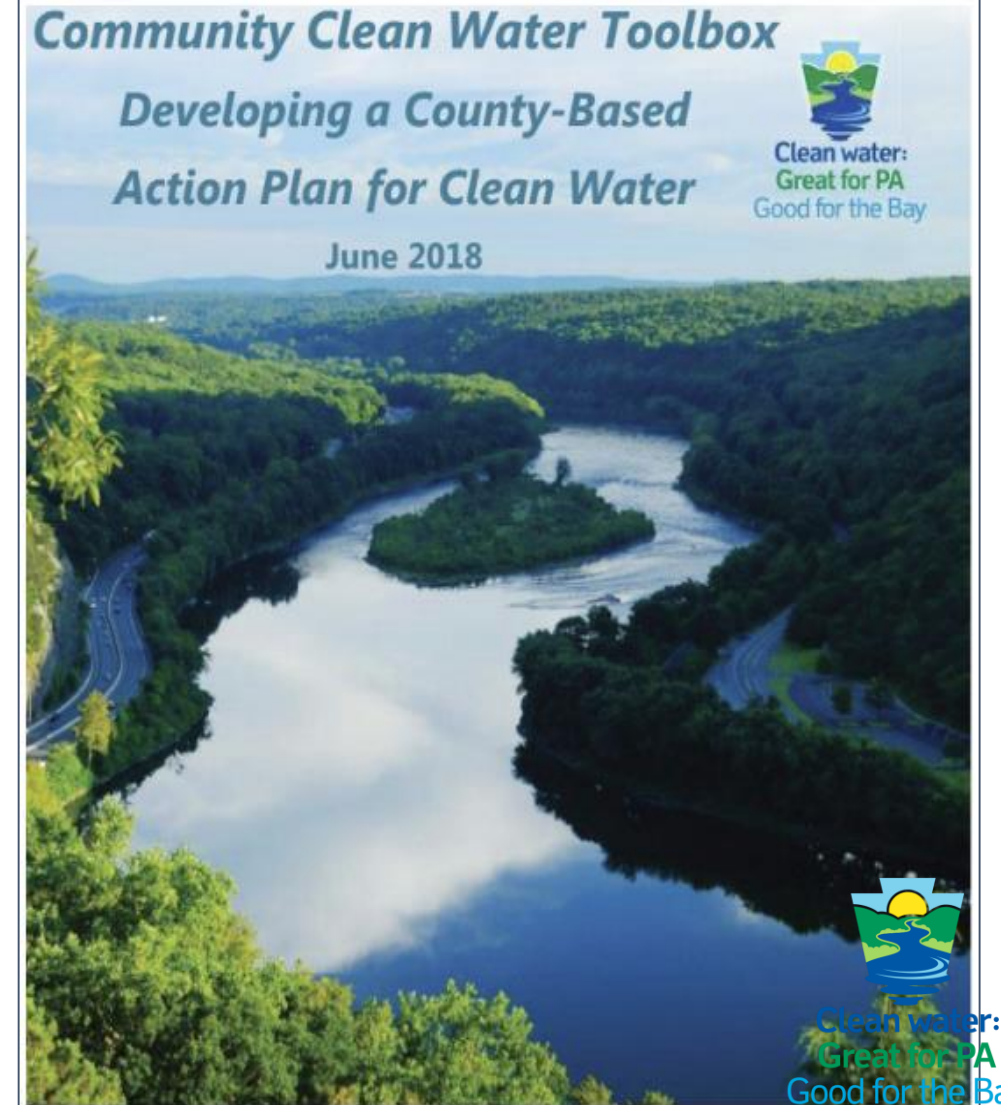
What is expected of those who participate?

Each county plan will be unique, there is no “one size fits all” solution.

You can expect to:

- Attend meetings and conference calls
- Brainstorm around solutions
- Offer your opinion on the best way for your county to meet its goals
- Review draft action plans

If you are leading the Countywide Action Plan process, we will provide you with the tools you need to be successful.



When will my county get started? How long will it take?

Ongoing 2018/2019

- Continued public engagement and input
- Fact Sheets, Program Updates, Website
- Forums, Regional Meetings

June-November 2018

- Pilot Process in 4 counties: Lancaster, York, Franklin, Adams

November/December 2018

- Finalize process for remaining counties based on lessons learned

Spring 2019

- Begin implementation of planning process for remaining counties

April 2019

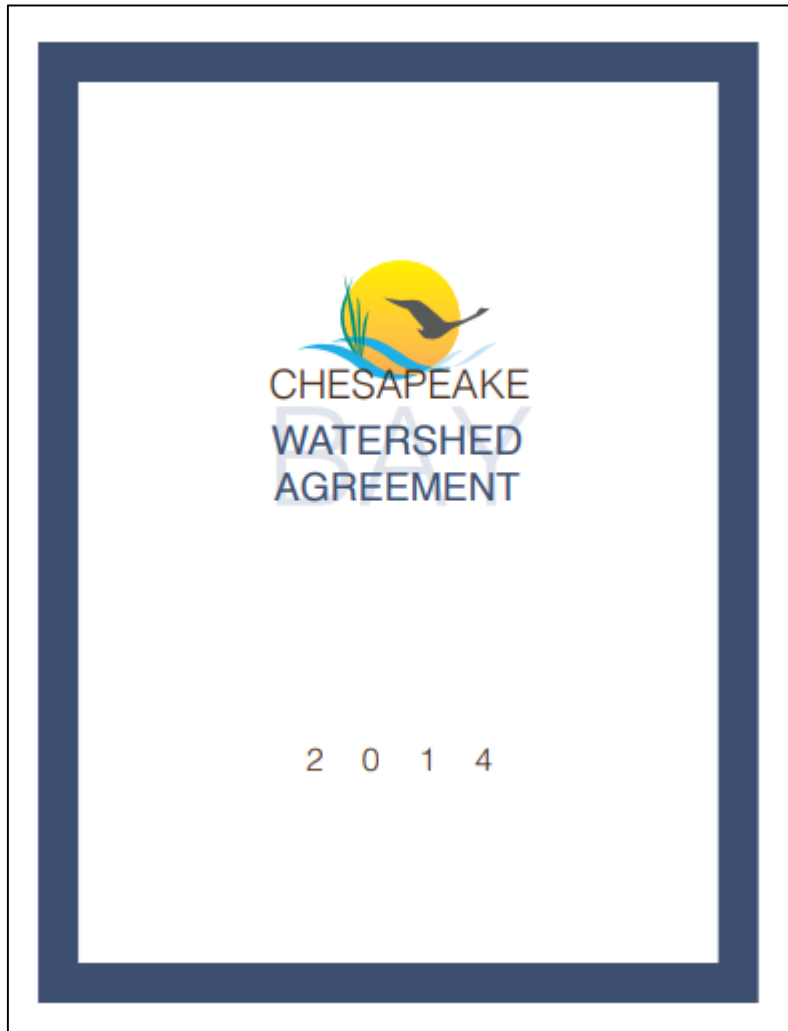
- Public Review and Comment Period on Draft WIP Plan

August 2019

- Submit Final Phase 3 WIP



Why is this worth our time?



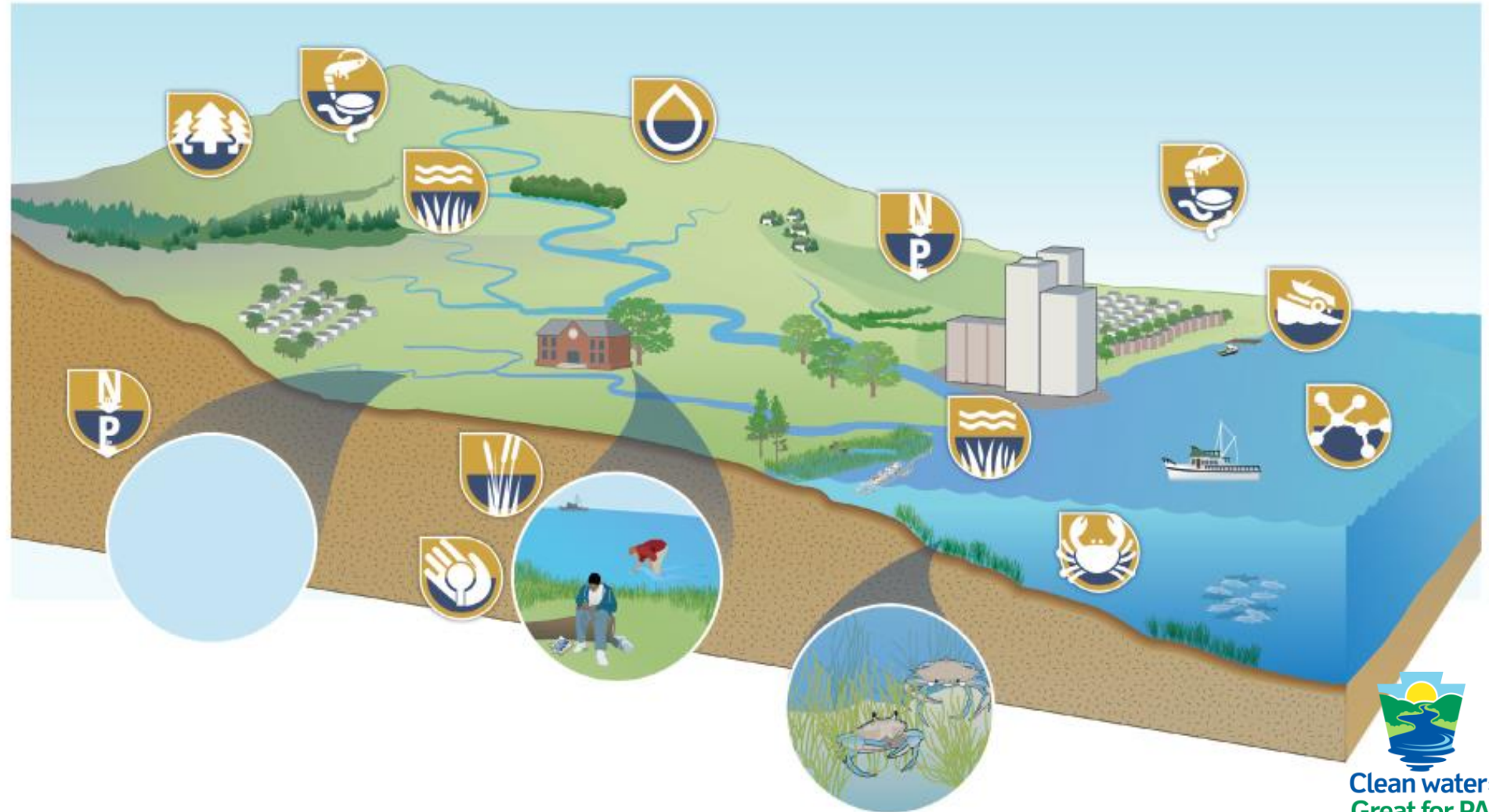
- Pennsylvania [signed](#) the Chesapeake Bay Watershed Agreement in 2014 with five other watershed states, the District of Columbia, the Environmental Protection Agency and the Chesapeake Bay Commission.
- The agreement contains 10 goals and 31 outcomes to advance the restoration and protection of the Bay watershed.

Source:
Communications Office, EPA CBPO

Why is this worth our time?

Ecological Benefits:

- Brook Trout
- Climate Resiliency
- Fish Habitat
- Forest Buffers
- Healthy Watersheds
- Protected Lands
- Public Access
- Stream Health
- Submerged Aquatic Vegetation
- Toxic Contaminants
- Tree Canopy
- Wetlands



Why is this worth our time?



What's good for the environment is also good for your community!

Economic benefits include:

- Increased property values
- Ecotourism opportunities
- Less flooding and improved flood resiliency
- Reduced treatment costs for drinking water

Social benefits include:

- Higher quality of life
- Aesthetic value
- Recreational opportunities and community gathering location

Success Stories: Wastewater Discharges

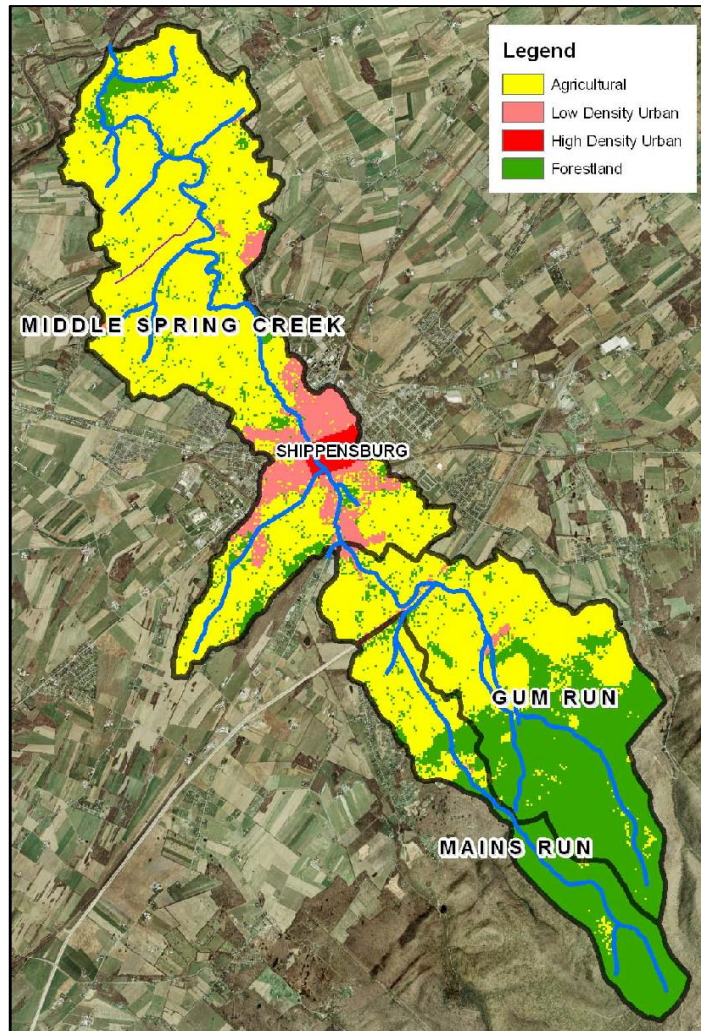


Met 2017 phosphorus reduction goals 3 years early

On track to meet 2025 goals

Public private partnerships produced \$1.4 billion investment

Success Stories: Spring Creek Restoration



Conservation practices implemented: bioretention basins, forest buffers, stream bank fencing, conservation tillage, dirt and gravel road improvements, rain barrels

Benefits: nitrogen and phosphorus reductions, reduced stormwater loads, environmental education

Outcomes met: fish habitat, toxic contaminants, forest buffers, recreation, environmental literacy



Success Stories: Green Valley Farm



Conservation practices implemented: no-till farming, manure stacking and storage, cover crops and riparian buffers.

Benefits: cost savings, soil conservation, nutrient utilization



Outcomes met: healthy watersheds, stream health, toxic contaminants

Success Stories: Lancaster Green Infrastructure



Conservation practices implemented:
green alleys, permeable pavers, rain gardens, bioretention areas

Benefits: nitrogen and phosphorus reductions, abated stormwater runoff, traffic and pedestrian safety, environmental education, recreation

Outcomes met: toxic contaminants, healthy watersheds, climate resiliency, environmental literacy, fish habitat

Why is this happening now?

To Meet Legal Requirements:

- Federal Clean Water Act, Federal court orders and regulations
- Pennsylvania's Clean Stream Law
- Article 1, Section 27, Pennsylvania Constitution

EPA is looking for Pennsylvania to:

- Set goals and strategies in 2018-2025, and to have practices in place by 2025
- Spell out how local, regional and federal partners will work together
- Make the necessary programmatic, policy, legislative and regulatory changes
- Commit the staff, partnerships and financial resources
- Track and report on progress

Why is this happening now?

The bottom line is we are **REQUIRED** to reduce pollution into our local waters and the Chesapeake Bay.

Right now how we do it is up to us.

If we do not meet the EPA requirements, the EPA will step in and make it happen their way.



Why is this happening now?

If local PA communities don't reduce pollution to our local waters then EPA can:

- Subject more livestock operations and municipalities to federal regulations
- Require additional reductions from point sources, such as wastewater and industrial facilities
- Impose new water quality standards stream-by-stream in Pennsylvania
- Redirect or withhold EPA funding

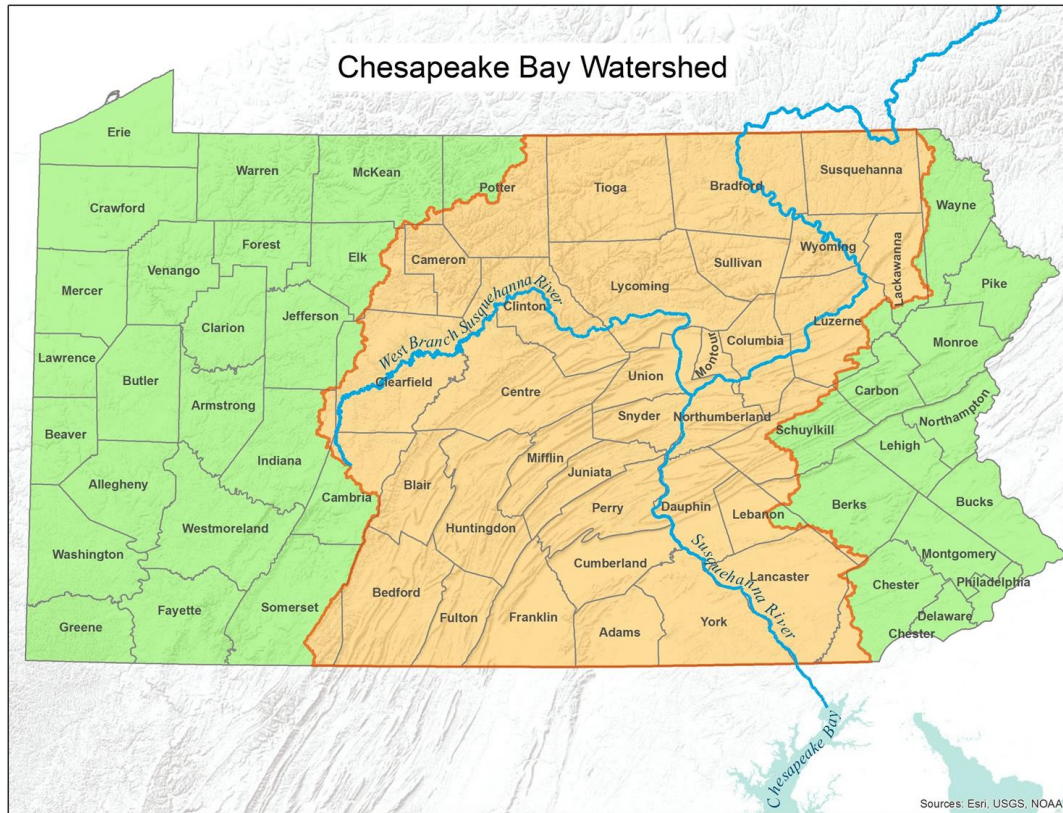


More than 98% of Pennsylvania farms do NOT have to get federal discharge permits. That could change!



75% of developed areas in Pennsylvania are NOT subject to the federal MS4 stormwater management regulatory program. That could change!

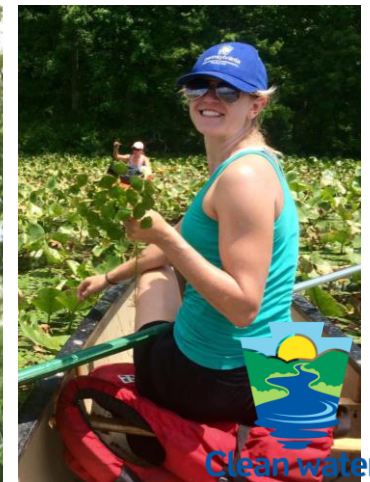
Where are the counties that will do this?



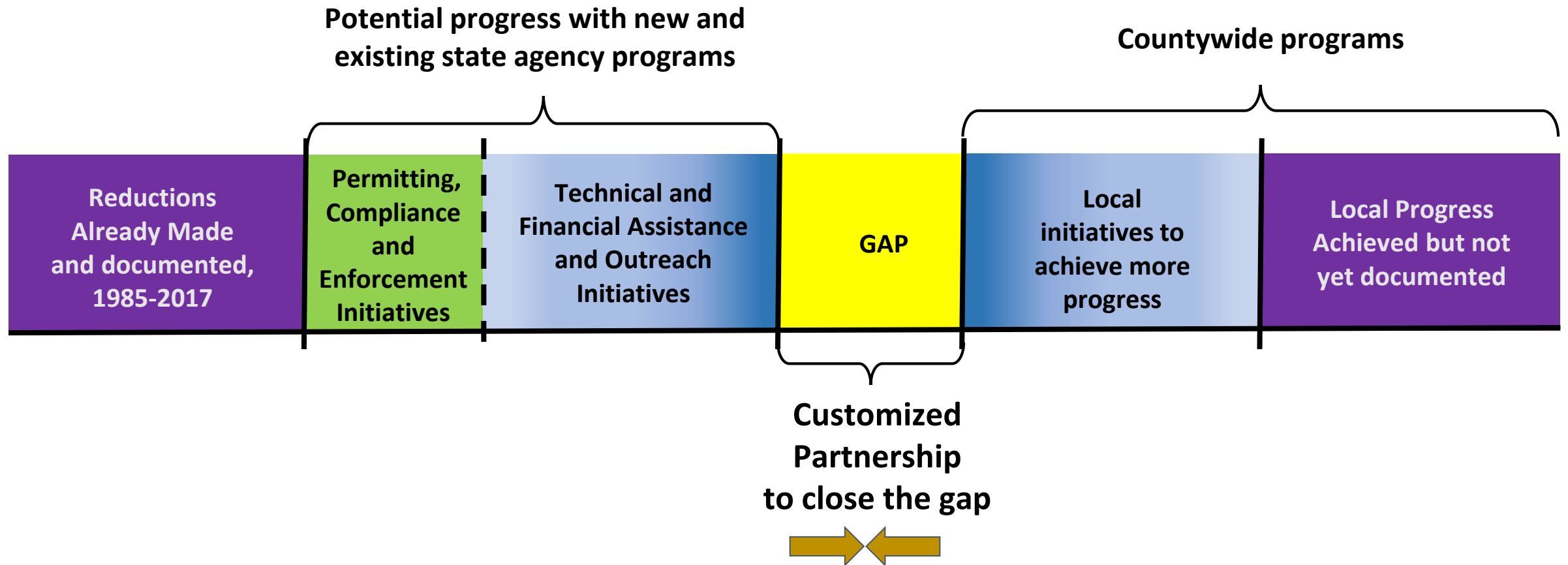
- 43 Counties that drain to either the Susquehanna or the Potomac Rivers
- Pennsylvania's neighbors also have similar responsibilities.
- Pennsylvania, New York, Maryland, Virginia, West Virginia, Delaware, and Washington DC are all working together to clean up the Chesapeake Bay, which is our shared downstream resource.

Why “Countywide?”

- Counties are in the best position to make a difference at the local level through coordination with state programs.
- County stakeholders are already doing a lot of work and have plans to do more.
- County based efforts are already collaborative, and they know all the relevant stakeholders.
- Participation can help reach current goals and plan for next steps.
- Participation can help track, and get credit for, current and planned efforts.



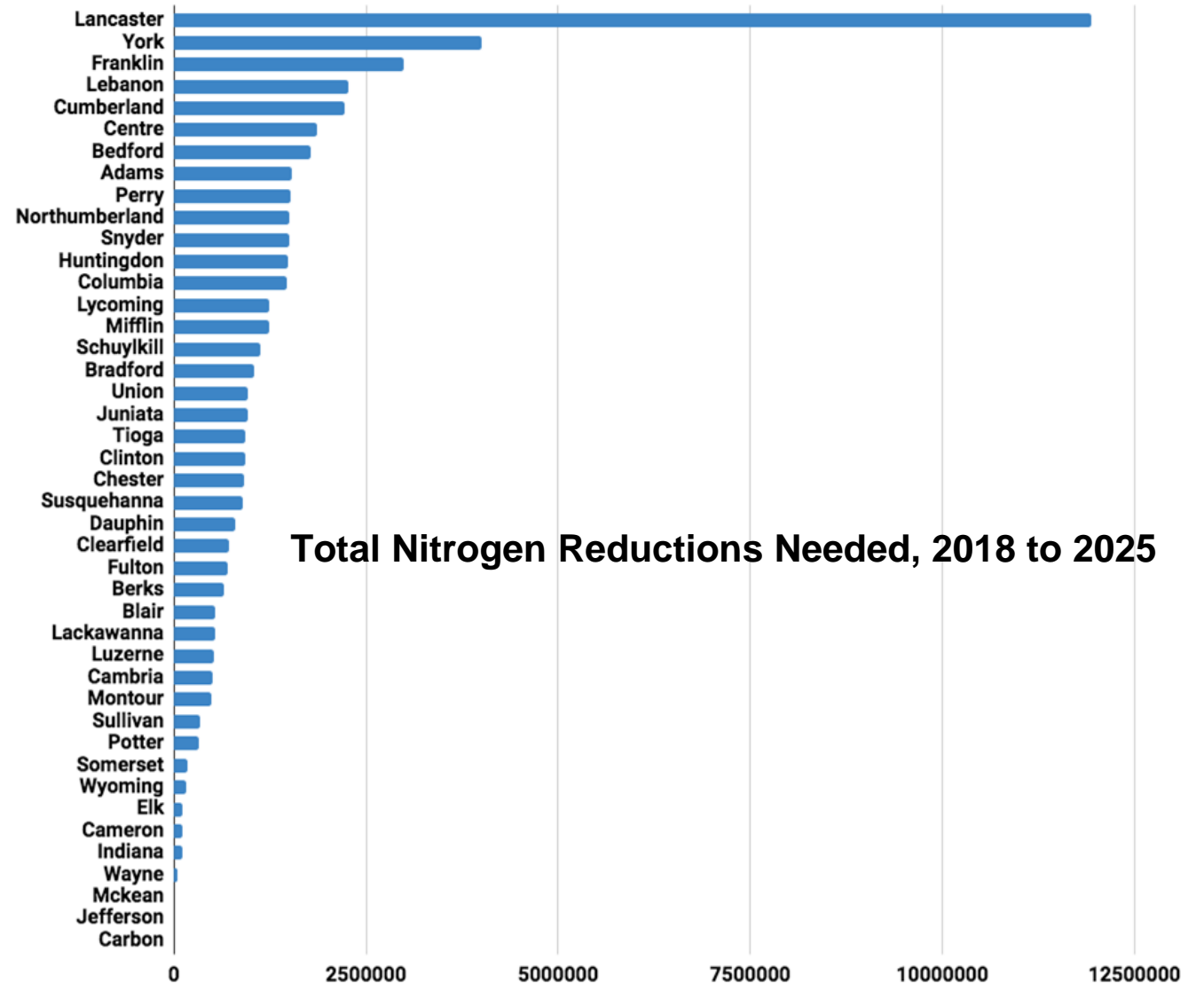
How Were County Goals Calculated?



Counties can **choose for themselves** how to reach their goals. We **recognize** the progress you have made already.

How Were County Goals Calculated?

1. PADEP calculated county goals using **sound science**
2. Each county's goals are **achievable**, if we **work together**
3. County goals are their **fair share** of Pennsylvania's targets



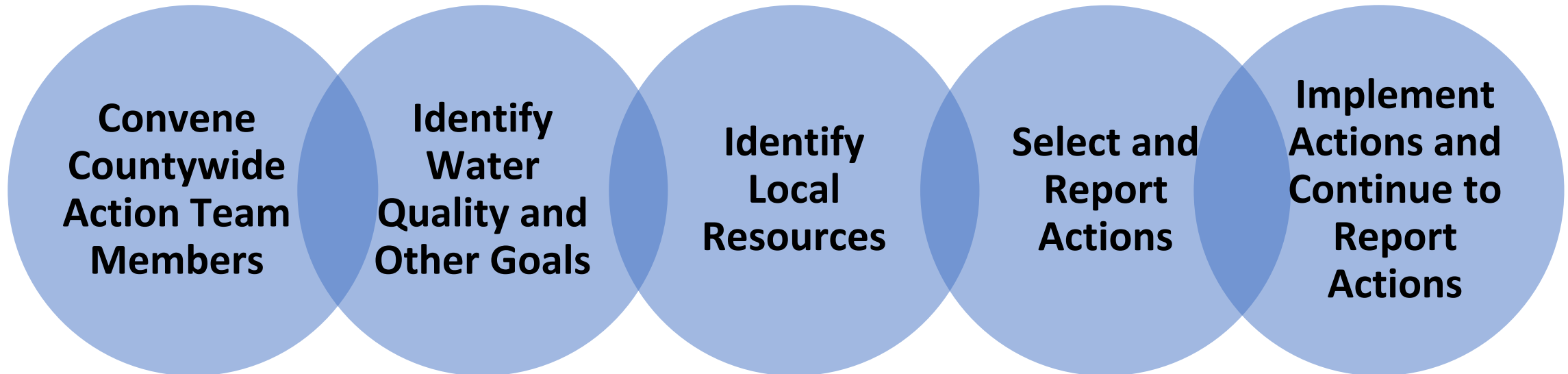
Where are the counties that will do this?

Tier 1 - First 25% of Reductions	Tier 2 - Second 25% of Reductions	Tier 3 - Third 25% of Reductions		Tier 4 - Last 25% of Reductions	
Lancaster York	Franklin Lebanon Cumberland Centre Bedford	Adams Northumberland Perry Snyder Huntingdon Columbia Mifflin Lycoming	Schuylkill Bradford Juniata Clinton Tioga Susquehanna Clearfield Fulton	Union Chester Dauphin Berks Blair Lackawanna Luzerne Montour Cambria Sullivan	Potter Somerset Wyoming Elk Indiana Cameron Wayne Mckean Jefferson Carbon



How Does a County Prepare Its Action Plan?

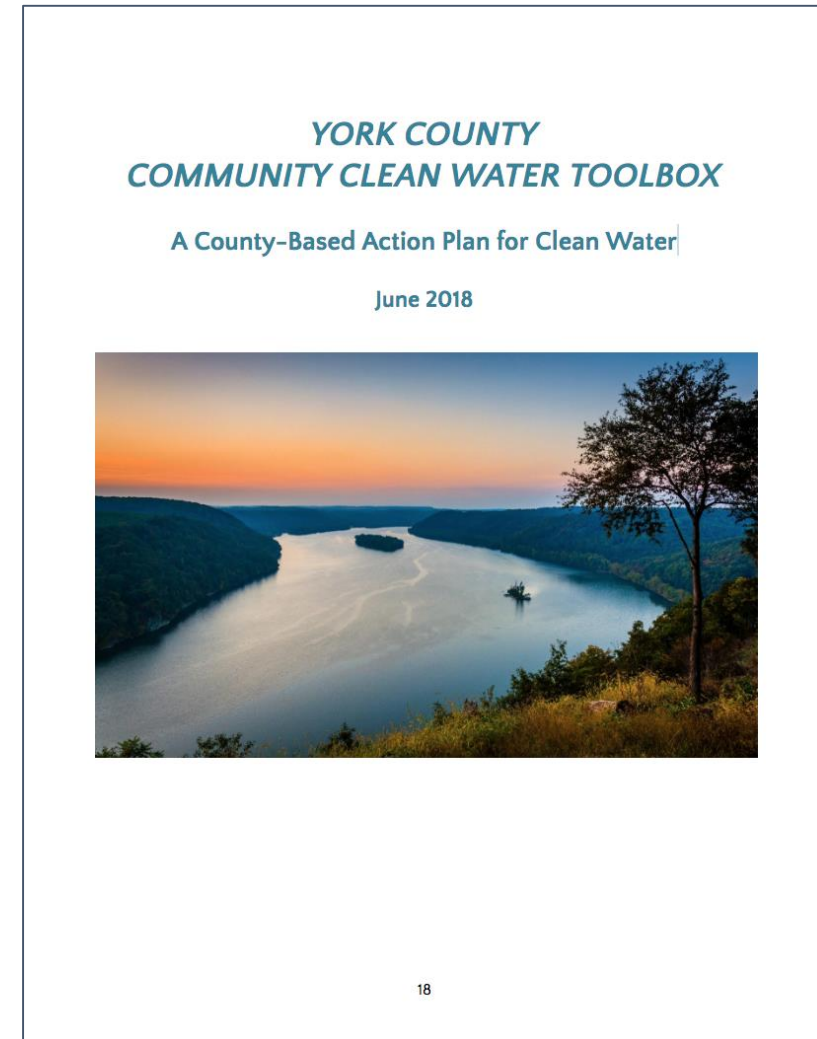
Pennsylvania Countywide Pilot Planning Process Phase III WIP



We anticipate this will take up to 6 months

How Does a County Prepare Its Action Plan?

- Support Team
 - DEP Staff Person from Chesapeake Bay Office
 - DEP Regional Office
 - Member of Technical Support Team
 - Members, as needed, of the WIP Steering Committee Workgroups
- County Planning Toolbox
 - County Specific Data
 - List of Resources and Contacts
 - Community Outreach Tools
 - Templates for Use in Completing the Action Plan
- Each County plan will be unique, there is no “one size fits all” solution



The Phase 3 WIP Story

Questions?



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION



Chesapeake Bay Program Office

Contact Information:

Veronica Kasi

vbkasi@pa.gov

717-772-4053

DEP Chesapeake Bay Program Website:

<http://www.dep.pa.gov/ChesapeakeBay>

Phase 3 WIP Website:

www.dep.pa.gov/chesapeakebay/phase3



Clean water:
Great for PA
Good for the Bay