



Countywide Action Plans

Pennsylvania's Phase 3 Chesapeake Bay Watershed Implementation Plan

Healthy Waters, Healthy Communities

Tom Wolf, Governor

Patrick McDonnell, Secretary

Phase 3 Watershed Implementation Plan

Today we will introduce Pennsylvania's Phase 3 Chesapeake Bay Watershed Implementation Plan and your role.

- Importance of Countywide Planning
- Expectations from EPA for meeting Chesapeake Bay TMDL
- Pennsylvania's Phase 3 Watershed Implementation Plan and Local Engagement
- County-level Planning and the Role of Watershed Organizations

Importance of Countywide Planning

Who regulates water quality and how?

Federal (Clean Water Act, Chesapeake Bay TMDL, 303(d) Impaired Streams List)

State (PA Clean Streams Law, PA Act 167, Chesapeake Bay WIP)

County (Comprehensive Plan, Hazard Mitigation Plan, Stormwater Management Plan, Flood Plain Management)

Municipal (Stormwater Management Ordinance, Zoning Ordinance, Subdivision and Land Development Ordinance, MS4 Permit, Local TMDL)

What EPA expects from Pennsylvania*

- Build the financial capacity, technical assistance, regulatory oversight to implement the MS4 programs, stormwater management and agricultural conservation practices
- Secure legislative, regulatory, cost-share, incentive, voluntary and market-based level pollutant reduction actions across all source sectors
- Build and implement the programmatic infrastructure, tracking system, BMP verification, policies, legislation and regulations necessary to account for growth
- Identify funding, financing, cost-share, technical assistance, voluntary, policy, programmatic, legislative, regulatory actions needed to address gaps in programmatic capacity.

** from EPA Expectations Document*



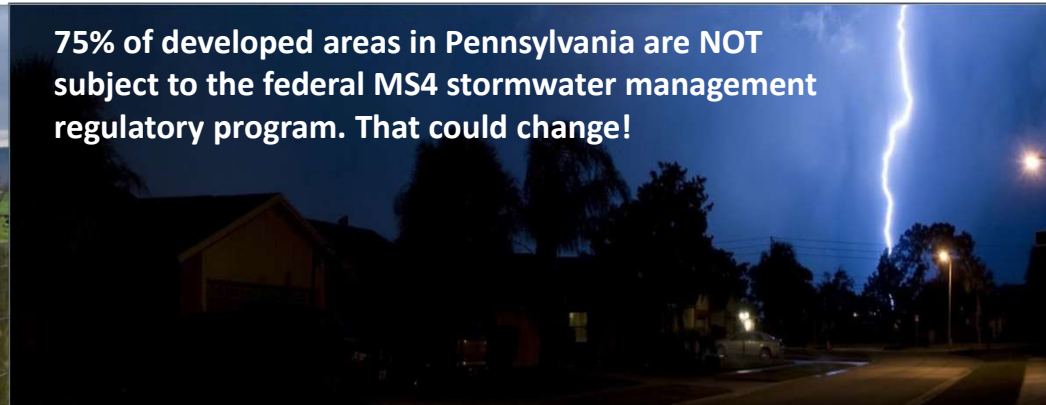
What if we don't reach our Goals?

- **If local PA communities don't reduce pollution to our local waters, EPA may:**
 - 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!



Pennsylvania Nonpoint Source *Opportunities*

- **Agriculture**

- 33,000 Farms, < 400 CAFOs with a NPDES Permit
- All must comply with Manure Management and Agriculture Erosion and Control Regulations

- **Urban Stormwater**

- Nearly 75% of developed acres are outside of an MS4 or combined sewer system area.
- Existing Permitting and Compliance Programs cover very little of the urban sector's contribution

- **Wastewater**

- Met the required 2017 reduction goals 3 years early at a cost of \$1.4 billion
- Are on track to meet the 2025 goals without further enhancements

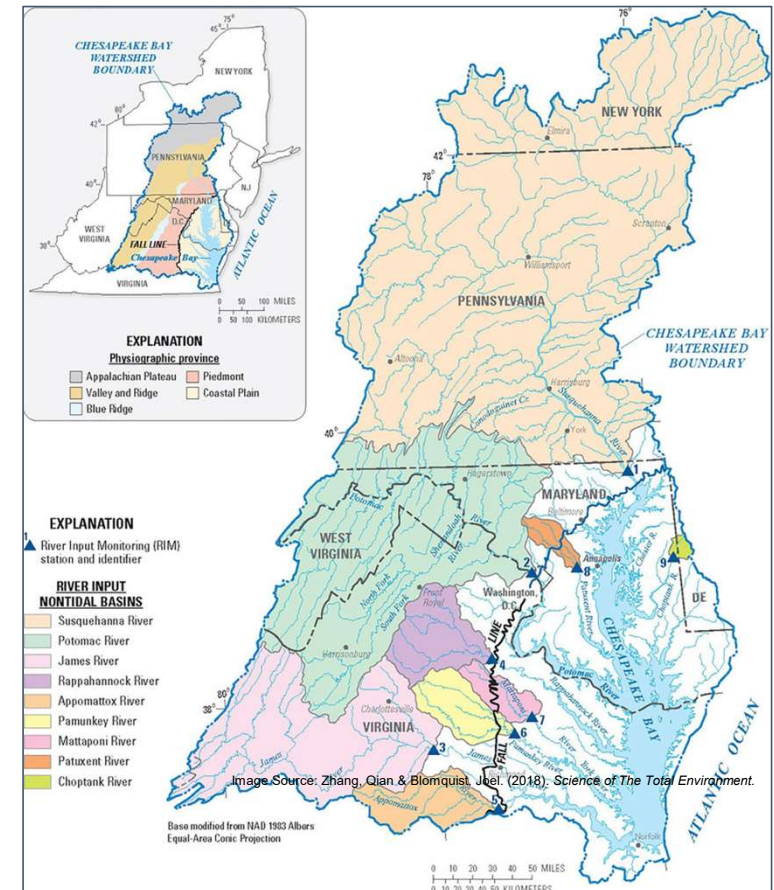


Phase 3 Watershed Implementation Plan

The path to success starts locally.

Pennsylvania and neighboring states are working at the local level to clean up our state's local waterways that drain to the Chesapeake Bay.

This effort is the Phase 3 Watershed Implementation Plan (Phase 3 WIP).



What is the Phase 3 WIP?



... and, get credit for the work already underway.

What is the Phase 3 WIP?

It's a catalyst. Water pollution comes from many sources.
Clean water is the end result of efforts to reduce and clean up pollution.

Agriculture



Forestry



Stormwater



Wastewater



Air Quality



Brownfield Cleanup & Redevelopment



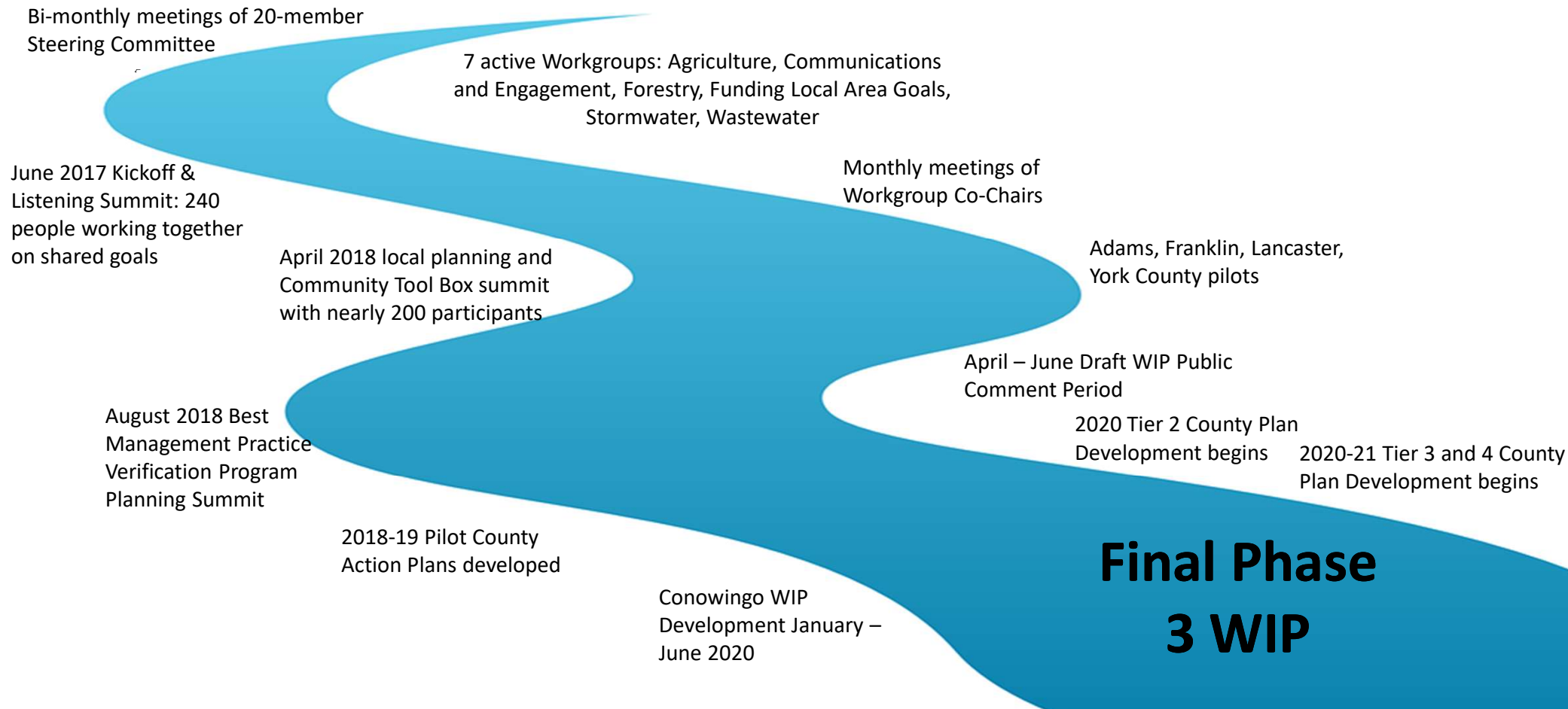
Mining, Monitoring & Regulation



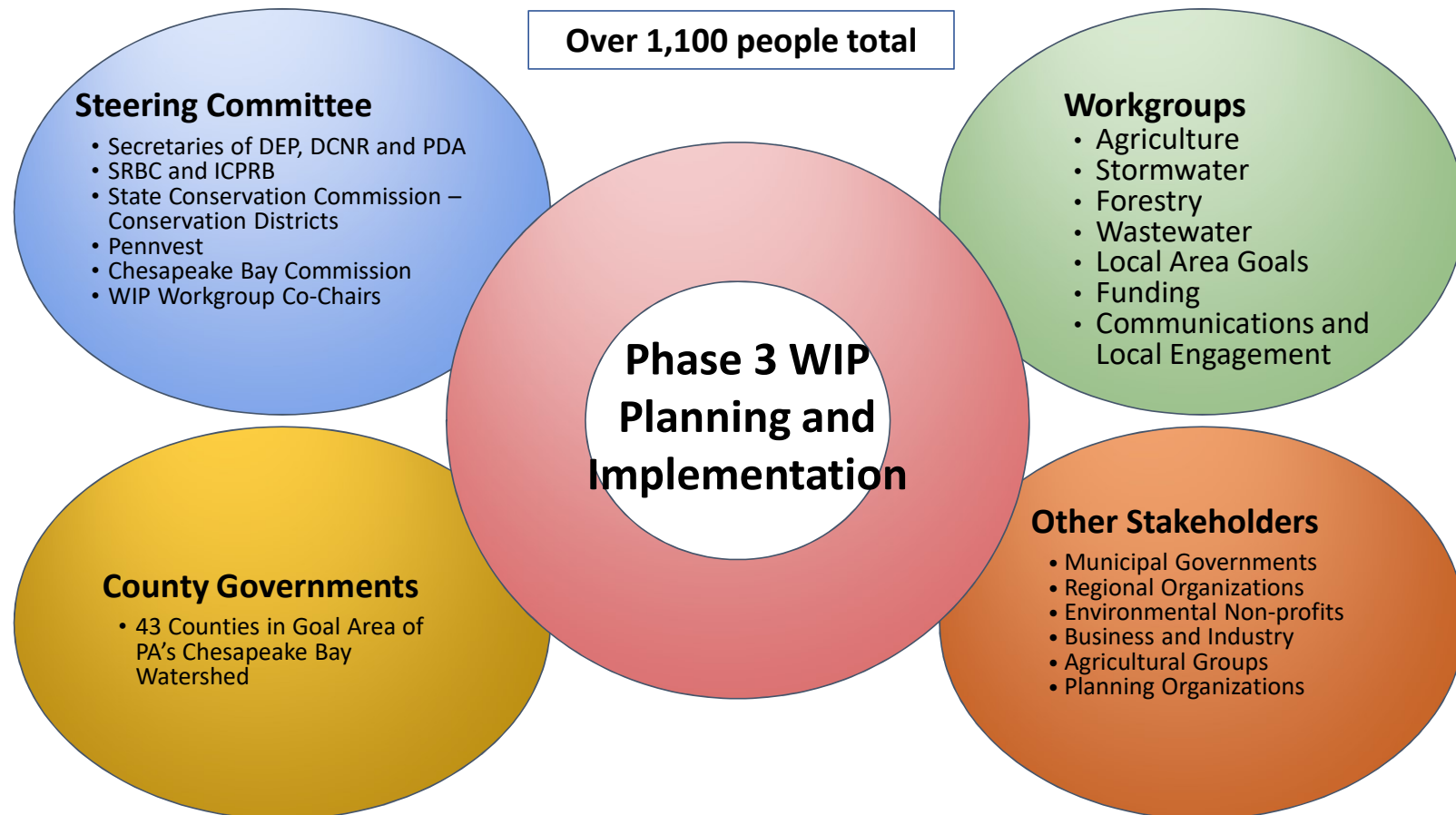
Oil & Gas



Journey to success for Phase 3 WIP



Who is involved?



Why county-level?

- County level planning goals
- Counties are in the best position to make a difference at the local level through coordination with state programs
- Most cost-effective and efficient use of resources
- County based efforts are already collaborative, and they know all the relevant stakeholders
- Will help reach current goals and plan for next steps
- Will help track, and get credit for, current and planned efforts

How does a county prepare its Action Plan?

Pennsylvania Countywide Pilot Planning Process Phase III WIP

**Convene
Countywide
Action Team
Members**

**Identify
Water
Quality and
Other Goals**

**Identify Local
Resources**

**Select and
Report
Actions**

**Implement
Actions and
Continue to
Report Actions**

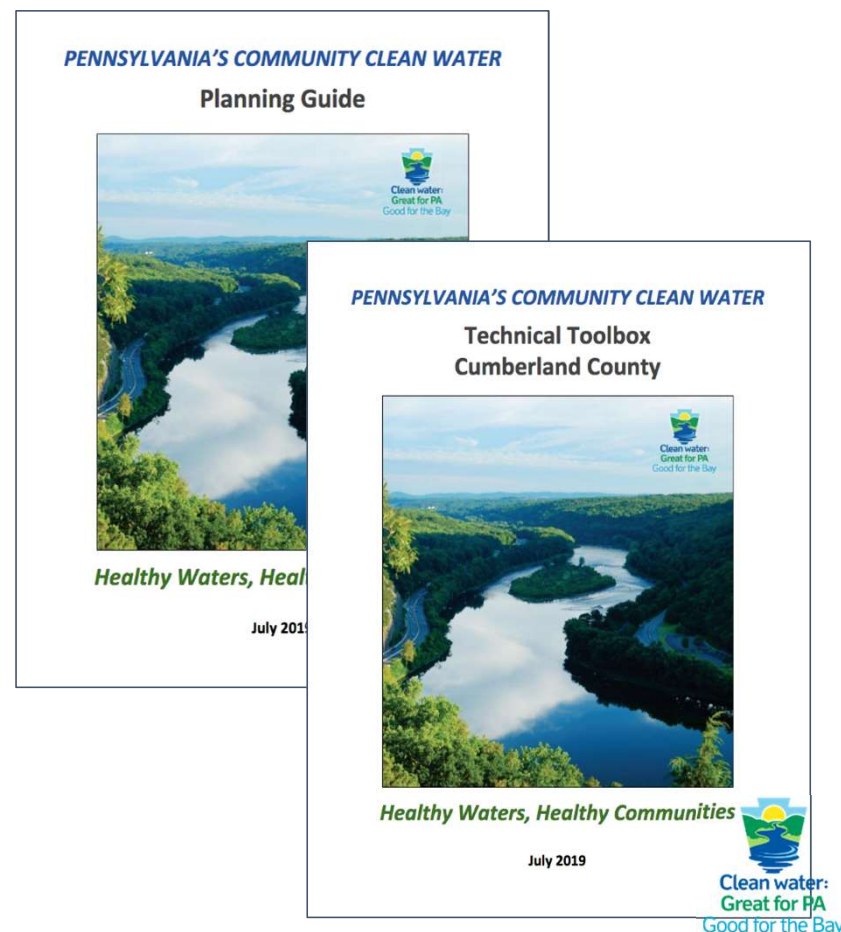
Planning Resources and Support

Community Clean Water Planning Guide

- Standardized introduction to and overview of PA's Phase 3 WIP planning process
- Clearly defined framework for process, directions
- Timeline and expectations
- Real world examples from pilot counties

Community Clean Water Technical Toolbox

- Customized toolbox populated with county-specific data
- Simplified technical information provided
- Provides clarity on in-stream monitoring
- Incorporates the state WIP workgroup recommendations and state initiatives



Countywide Action Plan Staff Support

DEP Support Team for Counties

- DEP Staff Person from Chesapeake Bay Office
 - point of contact for the county planning team and technical support team
- DEP Regional Office
 - support for permitting, planning and implementing practices
- Technical Coordinator
 - provides technical support and data to county planning team

County Community Clean Water Action Plan Coordinator

- County-based point of contact coordinating, supporting and reporting county action plan activities from development to implementation.
- Funded through an agreement between DEP and the lead agency of the county planning team.

Countywide Action Plan Funding Support

County Community Clean Water Action Plan Coordinator Grant

- State-funded: Environmental Stewardship Fund
 - To date: \$800,000 (\$100,000 for each county in Tier 1 and 2) annually
 - \$1 Million more allocated for Tier 3 + 4 Counties

Funding Sources to Support Implementation

- National Fish and Wildlife Services (NFWF), Pennsylvania Local Government Implementation Grants
- Growing Greener
- Environmental Protection Agency Section 319 Grant (319)
- Agriculture Plan Reimbursement Funds
- Resource Enhancement and Protection Tax Credit Program (REAP)
- Agriculture-Linked Investment Program (Agrilink)
- Conservation Excellence Grants
- PennVest
- Chesapeake Bay Ag Inspection Pilot Implementation Grants
- National Resource Conservation Services (NRCS) Funding & Resources

Countywide Action Plan Tools Support

Pennsylvania is committed to providing the tools and support for Countywide Action Plan development and implementation.

- Integrated Data Management and Reporting Tool – FieldDoc
- Watershed Implementation Plan Progress Tracking – Pa Clean Water Tool
- DEP Permit Application Consultation Tool – PACT Tool
- Implementation Toolbox – provides funding, reporting and permitting support
- Implementation Guide – provides an overview of the implementation process

What's next?

Outreach is beginning to Tier 3 and 4 Counties

- Planning likely to begin in the Fall
 - Start thinking about who are the right players in the county
 - Who will lead?
 - Who is already working together?



Questions?



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION



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www.dep.pa.gov/chesapeakebay/phase3