



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION



Chesapeake Bay Program Office

Healthy Waters, Healthy Communities
**County-Level Participation in
Pennsylvania's Phase 3 Chesapeake Bay Watershed
Implementation Plan**

July 10, 2018

Dial-in number for audio: 1-650-479-3208

Access code: 648 890 795

Webex technical support: (866) 229-3239

Tom Wolf, Governor

Patrick McDonnell, Secretary

Introductions

Patrick McDonnell, Pennsylvania Environmental Protection Secretary

Nicki Kasi, Director, DEP Chesapeake Bay Program Office

Lisa Schaefer, Director of Government Relations,
County Commissioners Association of Pennsylvania

Marcus Kohl, Director, DEP Northcentral Regional Office

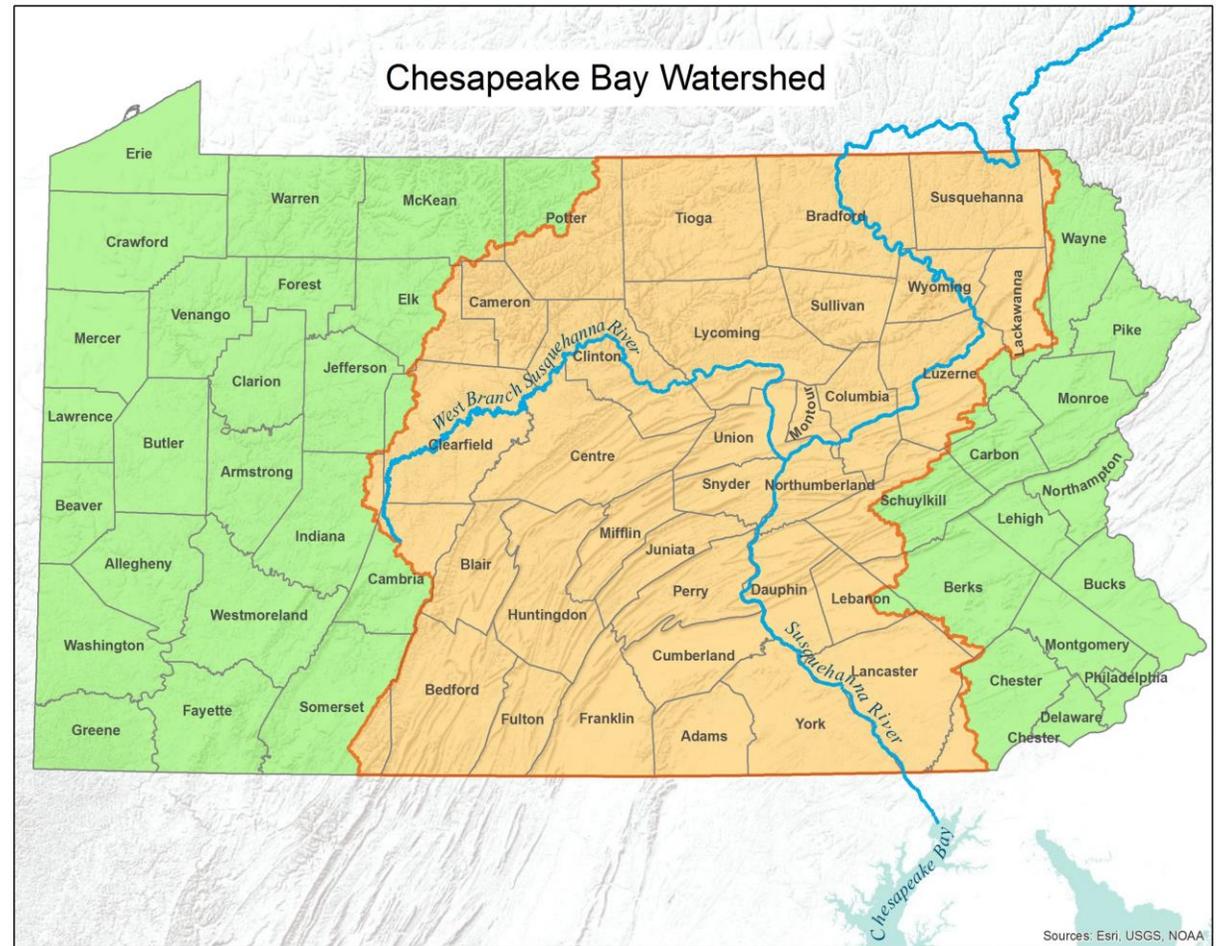
Dan Zimmerman, Manager, Warwick Township, Lancaster County

Agenda

1. Brief Overview of Phase 3 Watershed Implementation Plan Process
– Secretary McDonnell
2. County-Level Planning Framework: Countywide Action Plans
– Nicki Kasi
3. Customized Community Clean Water Toolbox – Lisa Schaefer
4. County Support Teams – Marcus Kohl
5. Local Planning Success Story – Dan Zimmerman
6. Q&A

What's the Phase 3 Watershed Implementation Plan?

- Presents detailed steps to reduce nutrient and sediment pollution in local waters.
- Required to meet the pollution reduction goals set by EPA in the [Chesapeake Bay Total Maximum Daily Load](#), or Bay TMDL.
- While your local water conservation practices can benefit your own community...
- They can also be credited toward these goals.



New Level of Collaboration on Plan Framework

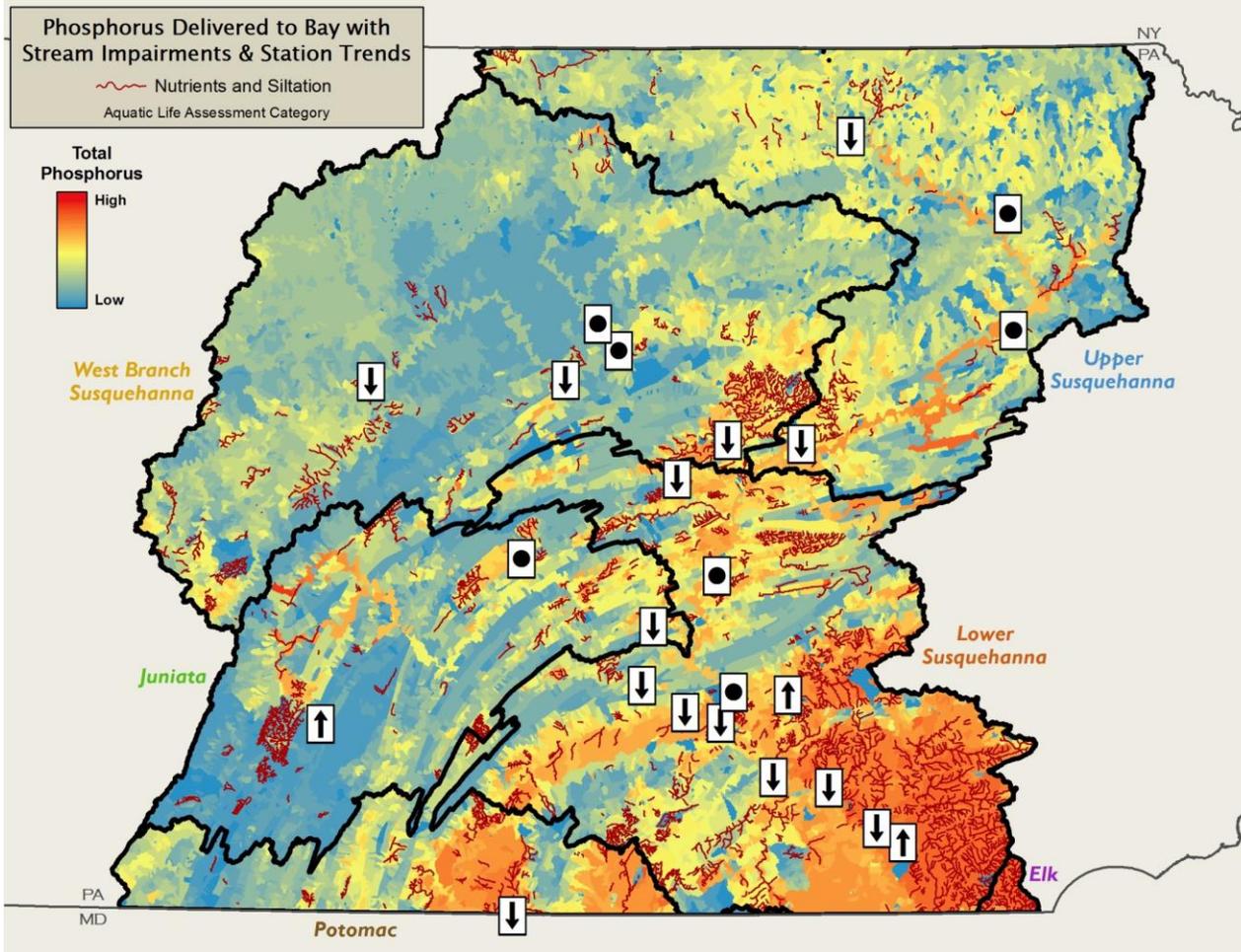
Steering Committee

- Secretaries of DEP, DCNR, and PDA
- Chesapeake Bay Commission
- Workgroup Co-Chairs
- Susquehanna River Basin Commission
- State Conservation Commission – Conservation Districts
- Pennvest
- Interstate Commission on the Potomac River Basin

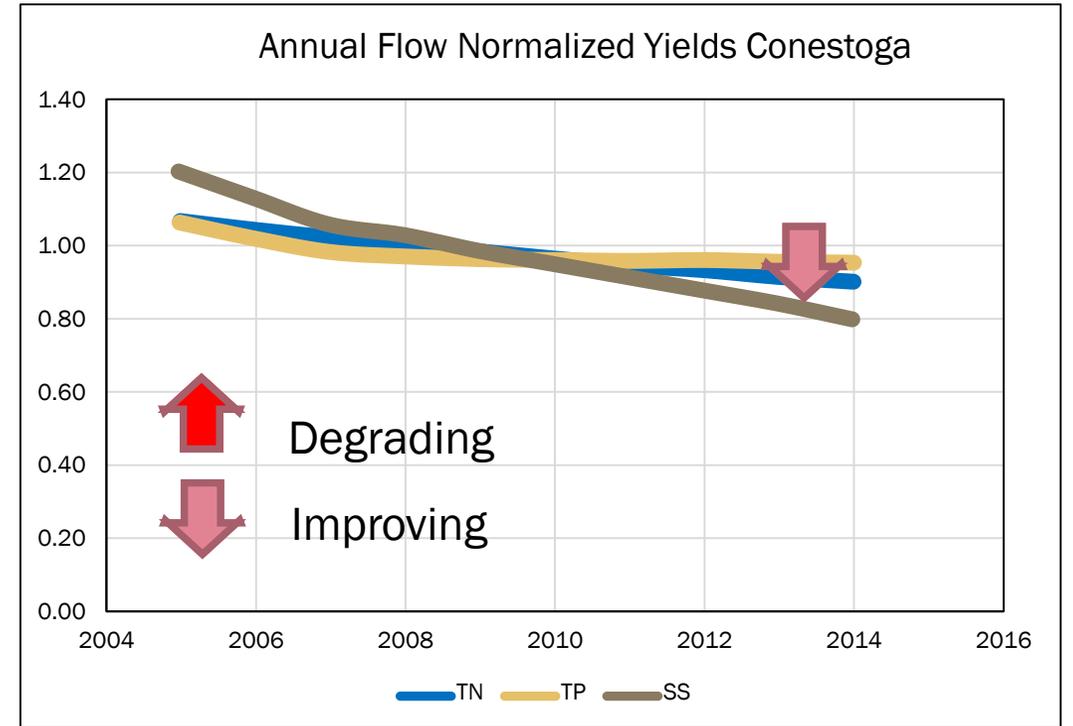
Workgroups

- Agriculture
- Stormwater
- Forestry
- Wastewater
- Local Area Goals
- Funding
- Communications and Local Engagement

Water Quality Story



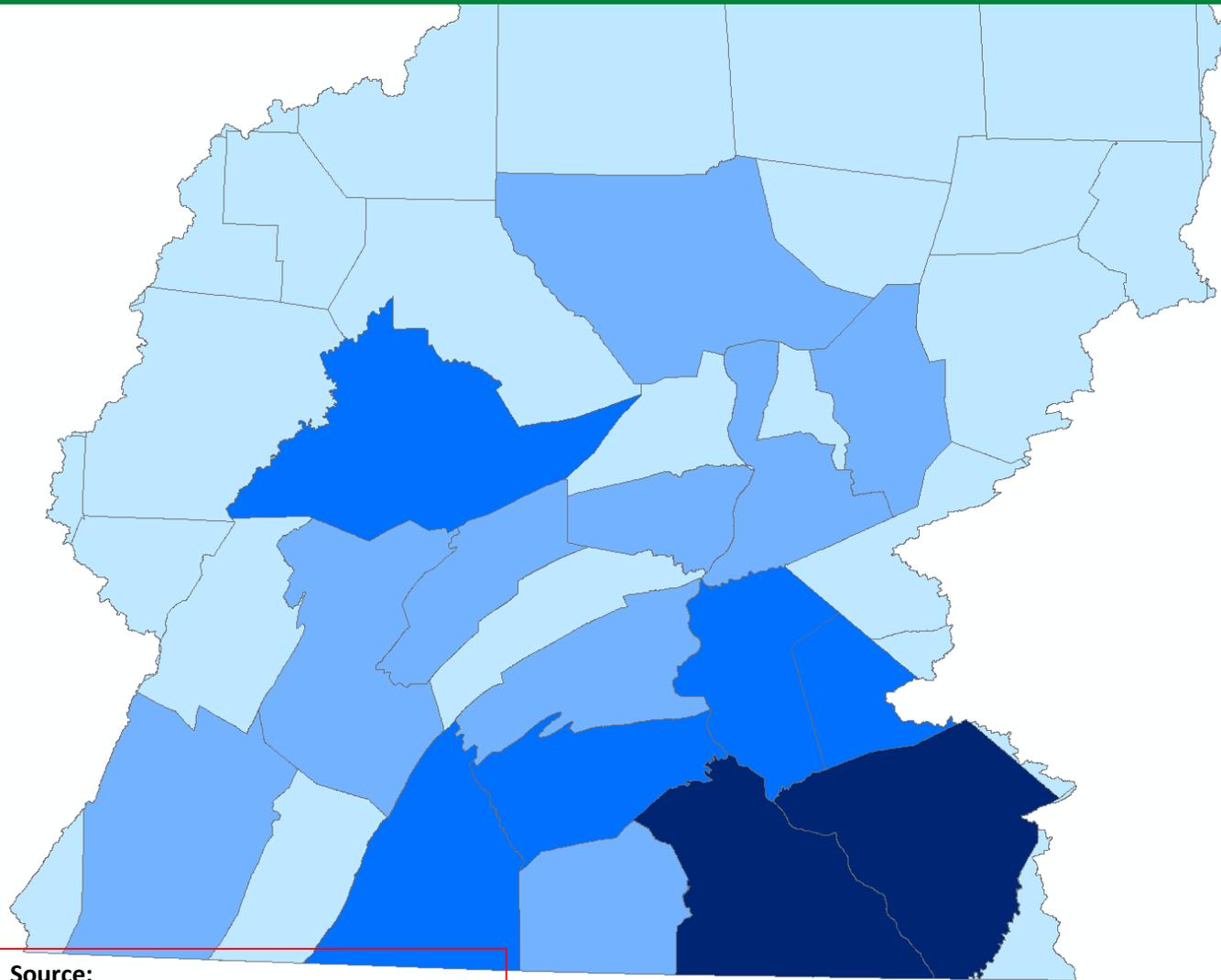
From SRBC



↓

→ **Localized at County Level**

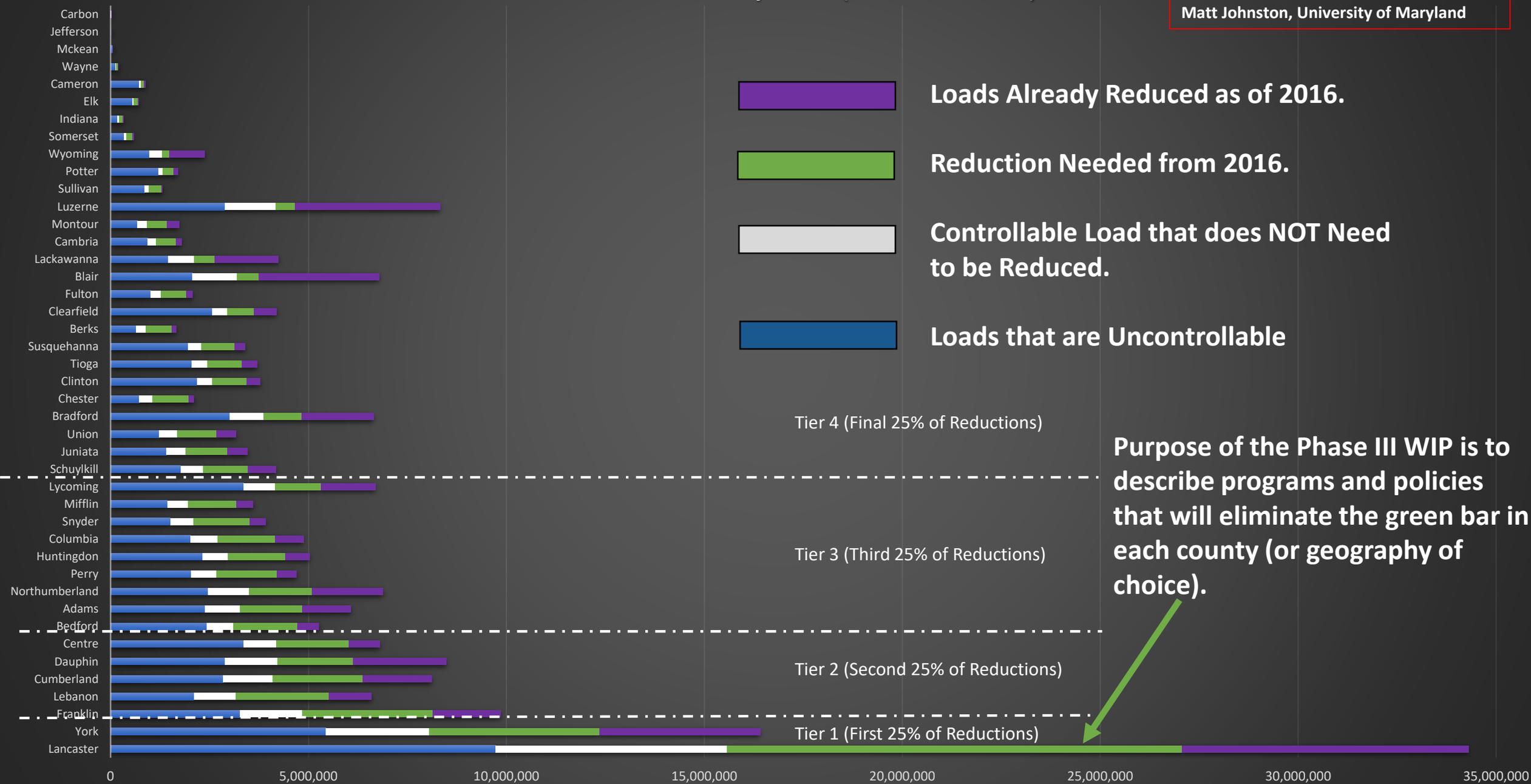
Where Should Efforts Be Targeted?



Source:
Matt Johnston, University of Maryland

Estimated Reductions in Lbs of Nitrogen Delivered to PA Streams as of 2016, and Additional Reductions Needed by 2025 (Numbers Draft)

Source:
Matt Johnston, University of Maryland



Loads Already Reduced as of 2016.

Reduction Needed from 2016.

Controllable Load that does NOT Need to be Reduced.

Loads that are Uncontrollable

Tier 4 (Final 25% of Reductions)

Purpose of the Phase III WIP is to describe programs and policies that will eliminate the green bar in each county (or geography of choice).

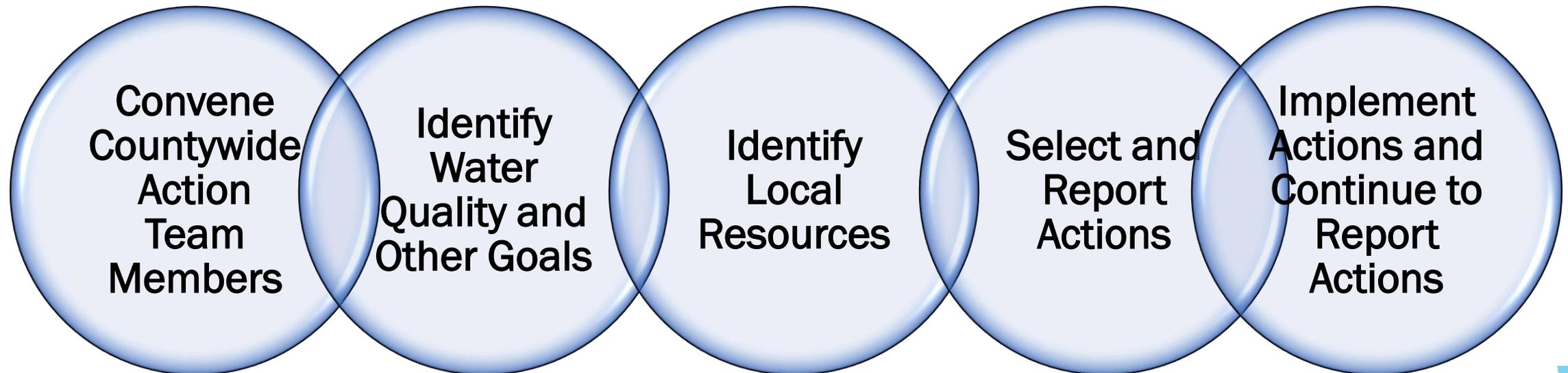
Tier 3 (Third 25% of Reductions)

Tier 2 (Second 25% of Reductions)

Tier 1 (First 25% of Reductions)

Countywide Plan Development – Steps

Pennsylvania Countywide Pilot Planning Process Phase III WIP



Countywide Plan Development – 5 Month Process

- Month 1 and 2 –
 - Convening – Local Leaders Define Members and Process
- Month 2 and 3 –
 - Background and Information Gathering
 - Identify Local Initiatives to Add
- Month 3 and 4–
 - Define action steps and potential reductions
 - Define Local Priorities
 - Refine Scoping Scenarios
 - Identify existing and needed resources
- Month 4 and 5 –
 - Draft Action Plan for Submittal to DEP by October
- Implementation Team Meetings
 - Follow Up Meetings as Needed as the Action Plan is Implemented

Timeline – Local Engagement

- **May through October**

- Pilot Process in 3 to 4 counties – Lancaster, York, Franklin, Adams

- **October/November**

- Finalize process for remaining counties based on lessons learned

- **Spring 2019**

- Begin implementation of planning process for remaining counties

- Continued public engagement and input

- Fact Sheets, Program Updates, Website
- Forums, Regional Meetings – **May through October 2018**
- Public Review and Comment Period on Draft WIP Plan – **April 12, 2019**

- Final Phase 3 WIP – **August 2, 2019**



Community Clean Water Toolbox

- County Specific Data
- List of Resources and Contacts
- Community Outreach Tools
- Templates for Use in Completing the Action Plan

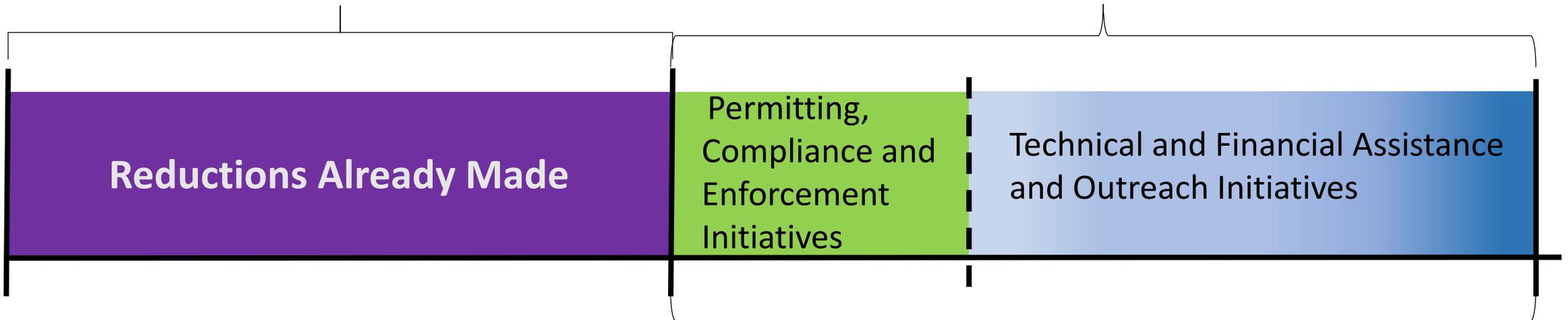
Level of Effort – Conceptual Framework

Progress from 1985 through 2016

Potential progress with new and existing state agency programs

+

Local Initiatives



Difference #3 – Recognition of importance of local engagement ...
“bottom up approach”

Customized Partnership by County



Hypothetical journey to a county goal (nitrogen)

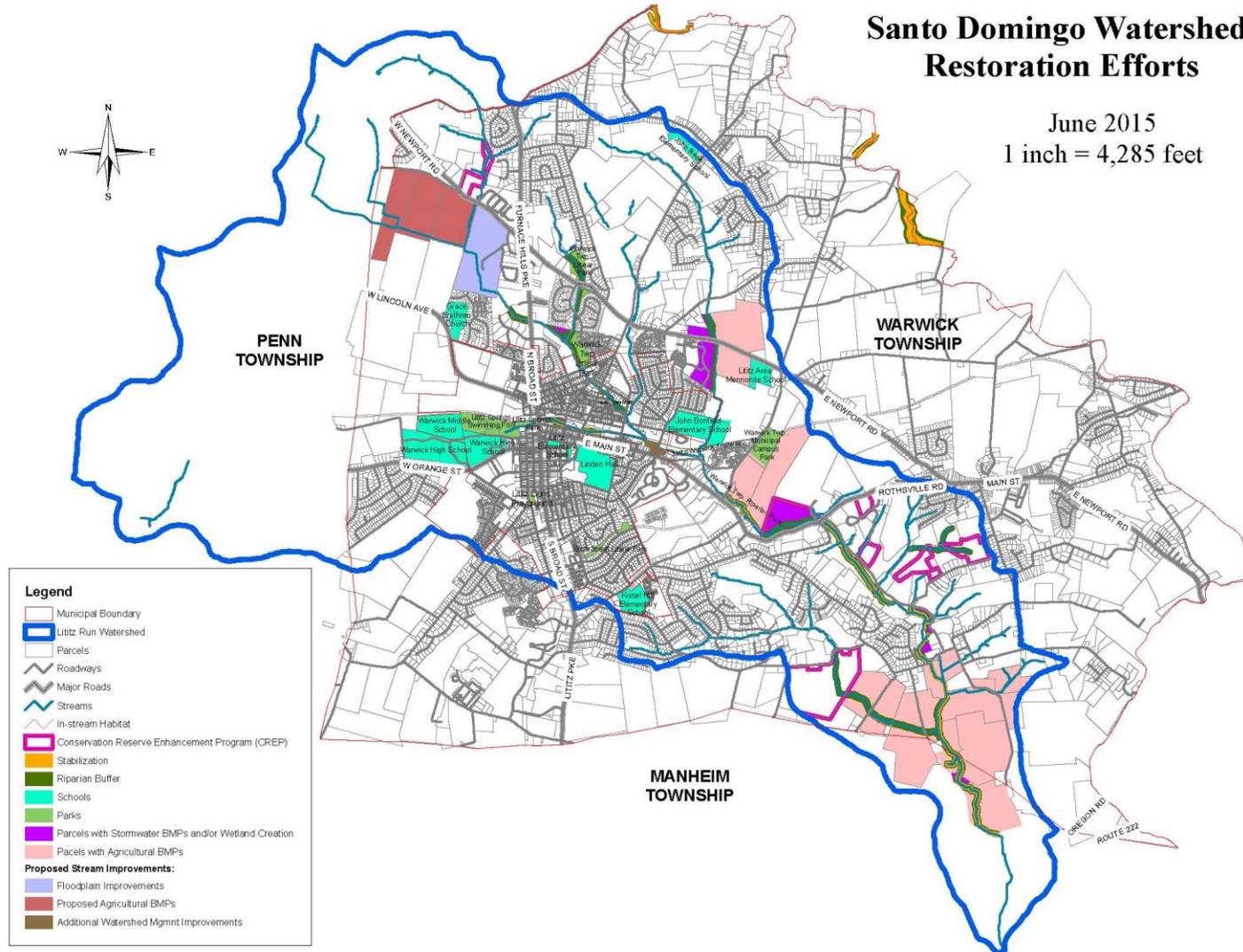
County Support Teams

- Support Team
 - DEP Staff Person from Chesapeake Bay Office
 - Regional Office
 - Member of Technical Support Team – SRBC, ICPRB
 - Members, as needed, of the Steering Committee Workgroups
- Coordination and Implementation
 - Joe Adams, SCRO Regional Director
 - Marcus Kohl, NCRO Regional Director
 - Mike Bedrin, NERO Regional Director

Local Success Story

Santo Domingo Watershed Restoration Efforts

June 2015
1 inch = 4,285 feet



Local Success Story

Stormwater Management Facility (site & regional) - 17 acres



Warwick Township Municipal Campus Bio-basin



County-Level Planning

Questions?
Please share!



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Chesapeake Bay Program Office

If you have further questions about Phase 3 WIP planning in your county, please contact:

DEP Chesapeake Bay Program Office, Harrisburg:

Nicki Kasi, Manager: (717) 772-4053, vbkasi@pa.gov

Kristen Wolf, Administrative Officer: (717) 772-1675, kwolf@pa.gov

DEP Regional Offices:

Southcentral Region: Joe Adams, Director: (717) 705-4900

Northcentral Region: Marcus Kohl, Director: (570) 327-3695

Northeast Region: Mike Bedrin, Director: (570) 826-2340

For a recording of this webinar, visit: www.dep.pa.gov/chesapeakebay/phase3