



Inter-Municipal Collaboration for Stormwater Management: Spotlight on Pennsylvania Communities



September 18, 10am PT



Inter-Municipal Collaboration for Stormwater Management Spotlight on Pennsylvania Comm

Q&A

You ask: 13:05
How do I use these awesome tools?

Joshua Jones answered: 13:06
You are already using one of the most awesome tools. We'll discuss the rest right away.

Please input your question

Send Anonymously Send

September 18, 10am PT



TODAY'S SPEAKERS



Jamie Anderson,
Coordinator,
Eastern Delaware
County Stormwater
Collaborative



Jeff Colella,
Stormwater Division
Manager, Wyoming
Valley Sanitary
Authority



Jennifer Cotting,
Director, University of
Maryland
Environmental
Finance Center

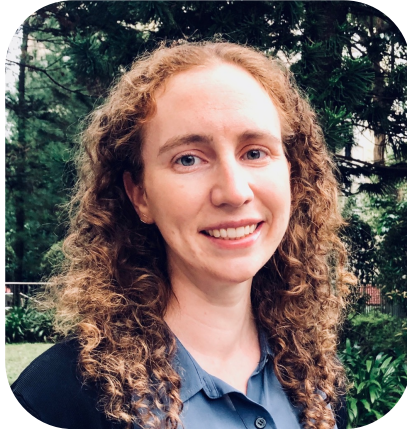


Karen Holm,
Assistant Coordinator,
Eastern Delaware
County Stormwater
Collaborative

TODAY'S SPEAKERS



Lisa Werder-Brown,
Executive Director,
Watersheds of South
Pittsburgh



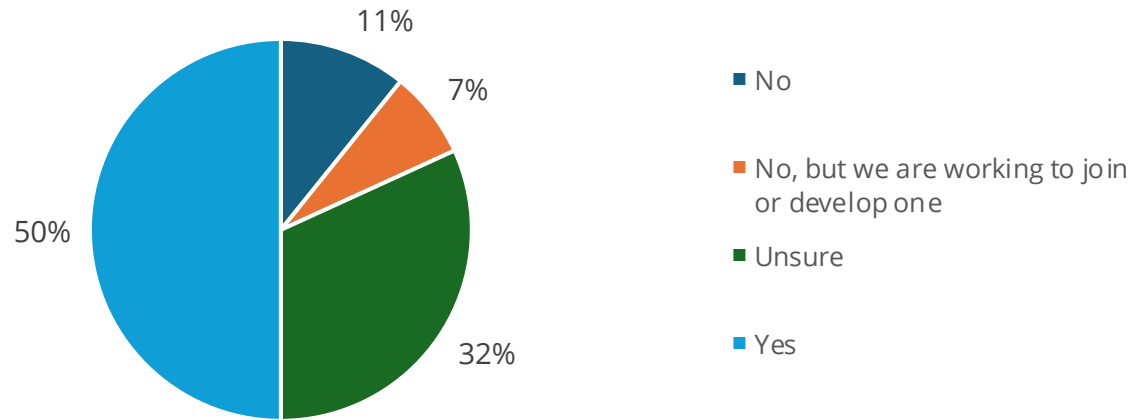
Amy Weinfurter,
Director of Strategic
Projects, WaterNow
Alliance



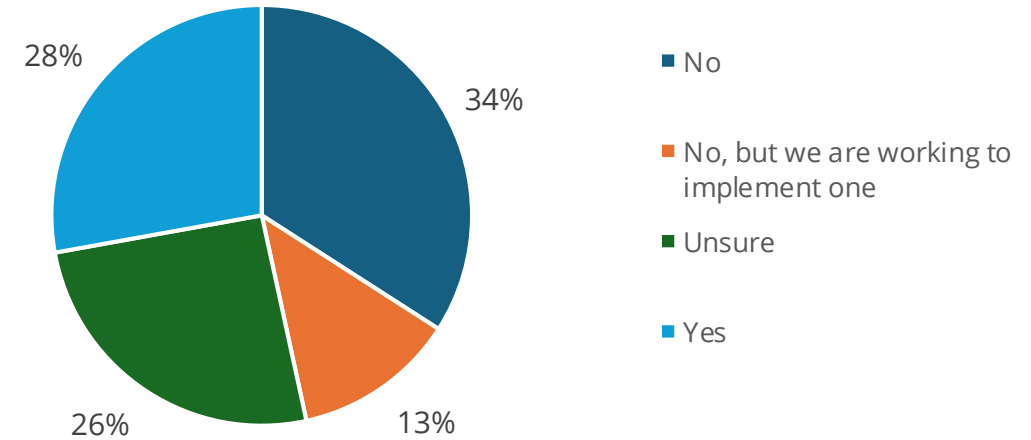
Emerson O'Donnell,
Program Manager,
WaterNow Alliance

WHO'S IN THE ROOM?

Is your utility or organization collaborating with neighboring communities on stormwater, or supporting such a collaboration in your watershed?



Does your utility or organization have a stormwater fee in place?





AGENDA

- About WaterNow Alliance
- Overview of Collaborative Stormwater Management Efforts
- Stormwater Collaborative Introductions
- Panel Discussion
- Audience Q&A



PLEASE COMPLETE OUR WEBINAR EVALUATION!

OUR MISSION

ENGAGE

our growing network and connect them to opportunities, ideas, data, resources and one another

ADVOCATE

for a sustainable water future by eliminating barriers and advancing solutions through our policy work

DEMONSTRATE

success by showcasing strategies that communities can replicate and scale

A forum and network of local water leaders advancing sustainable, affordable, equitable and climate resilient water strategies

Environmental Finance Center

- Working throughout the mid-Atlantic
- Network of centers across the country
- Provide the information, tools and resources to build community capacity to pay for resource protection and restoration priorities



Stormwater Programs

ACTIVITIES

- CAPITAL IMPROVEMENTS (BMPS)
- OPERATIONS AND MAINTENANCE
- PUBLIC EDUCATION AND INVOLVEMENT
- TECHNICAL SUPPORT
- ENGINEERING AND PLANNING
- REGULATORY COMPLIANCE AND ENFORCEMENT
- ADMINISTRATION
- BILLING AND FINANCE



PARTNERS

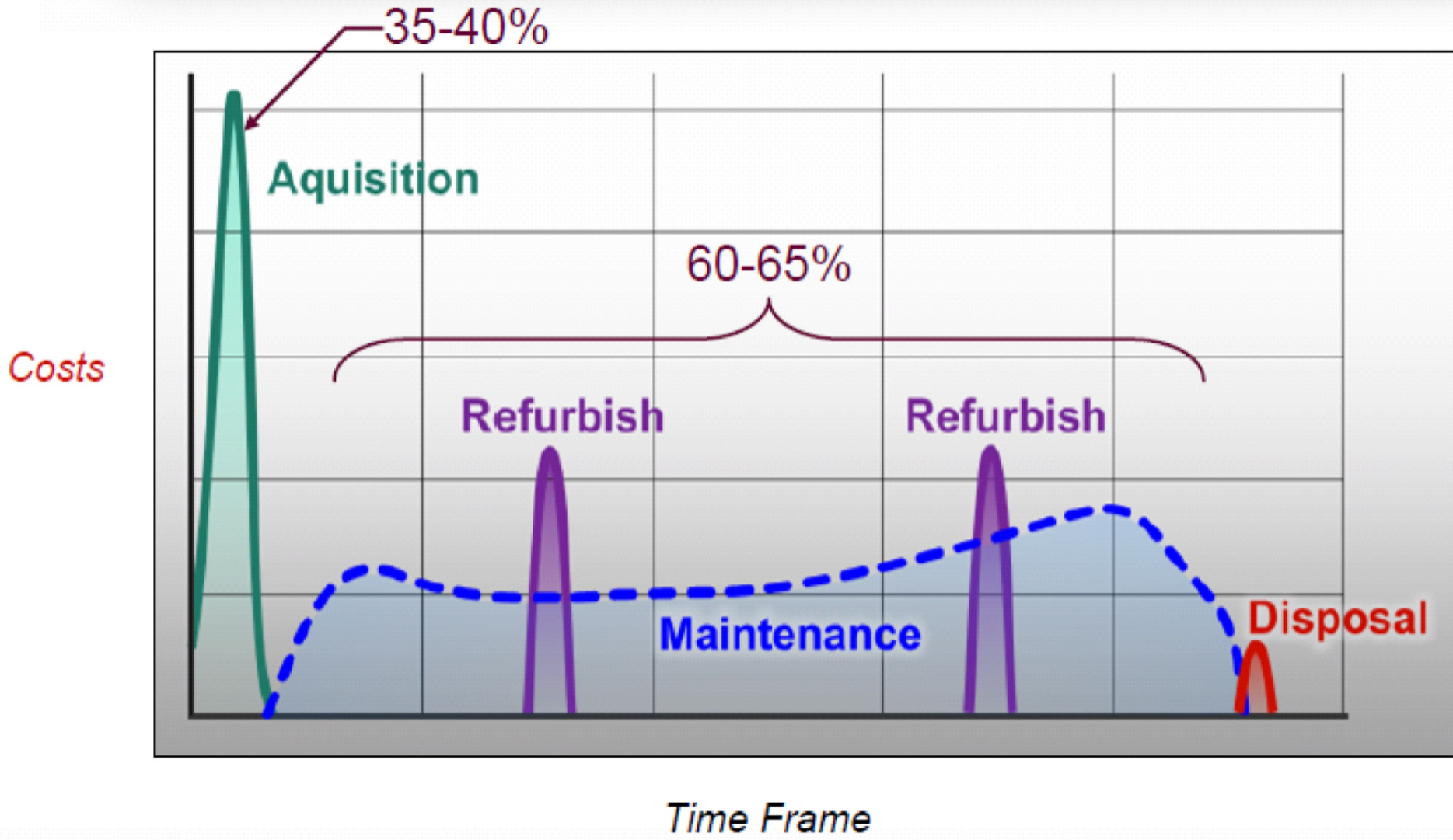
- Internal Municipal Partners (Parks & Rec, Roads, Admin)
- Municipal Committees (Open Space, Parks & Rec, Env'tl Advisory)
- Existing Municipal Authorities
- Other Municipalities
- Watershed Organizations
- Conservation District
- County Planning Department
- Private landowners

REVENUES

- General Funds
- CIP Funds
- Bonds
- Grants
- Fees
- Cost-share programs



Stormwater Lifecycle Costs



The Cost of Doing Nothing

Fines

Emergency repairs

Failing infrastructure

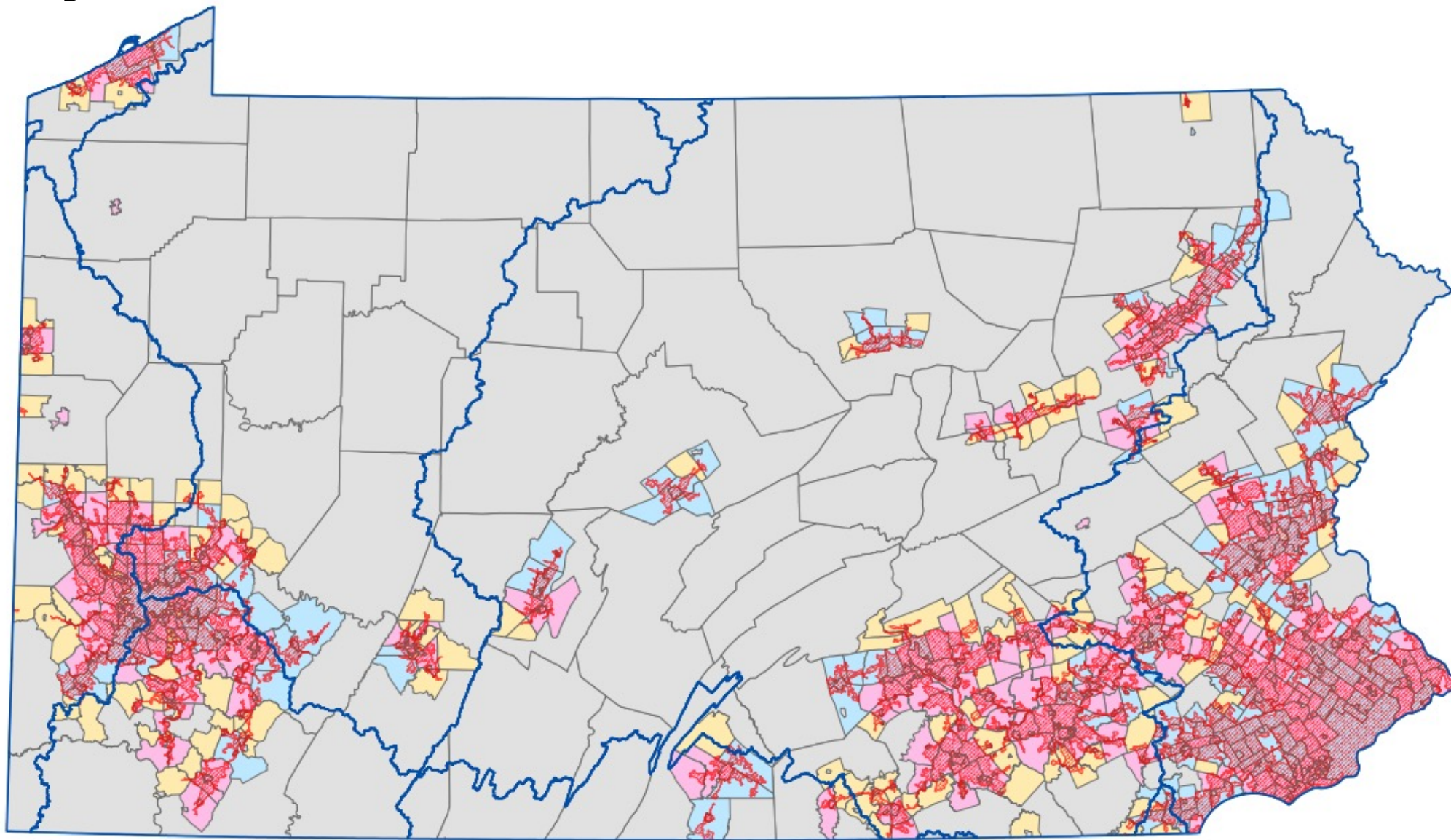
Increased treatment costs

Water quality and habitat degradation

Local economies

Public health and safety

Pennsylvania MS4s



MS4 Program Components in Pennsylvania

Minimum Control Measures

1. Public Education and Outreach
2. Public Involvement & Participation
3. Illicit Discharge Detection & Elimination
4. Construction Site Runoff Control
5. Post Construction Stormwater Management
6. Pollution Prevention/Good Housekeeping

Pollutant Reduction Plans (PRPs)

- Streams impaired for sediment and/or nutrients

Total Maximum Daily Load (TMDL) Plans

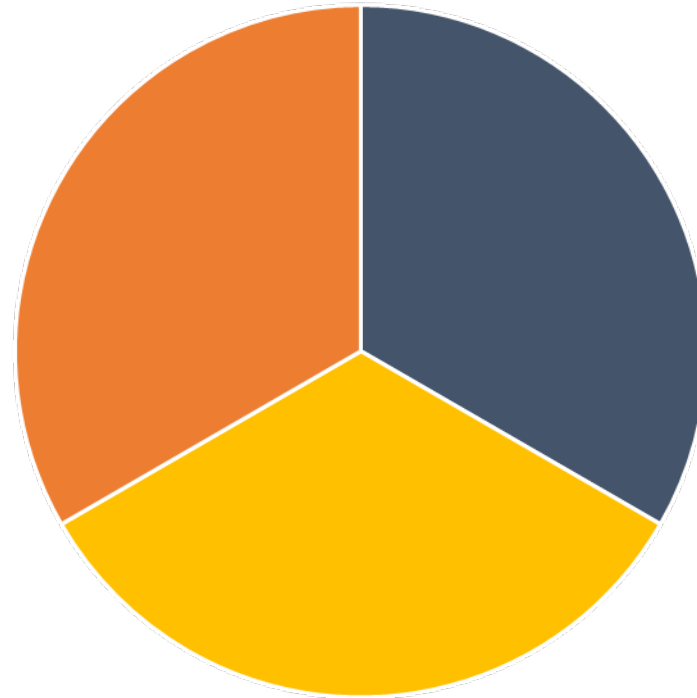
- Streams with sediment and/or nutrient limits

Pollutant Control Measures (PCMs)

- Streams impaired by acid mine drainage, priority organic compounds, and/or pathogens

How to Pay Strategies

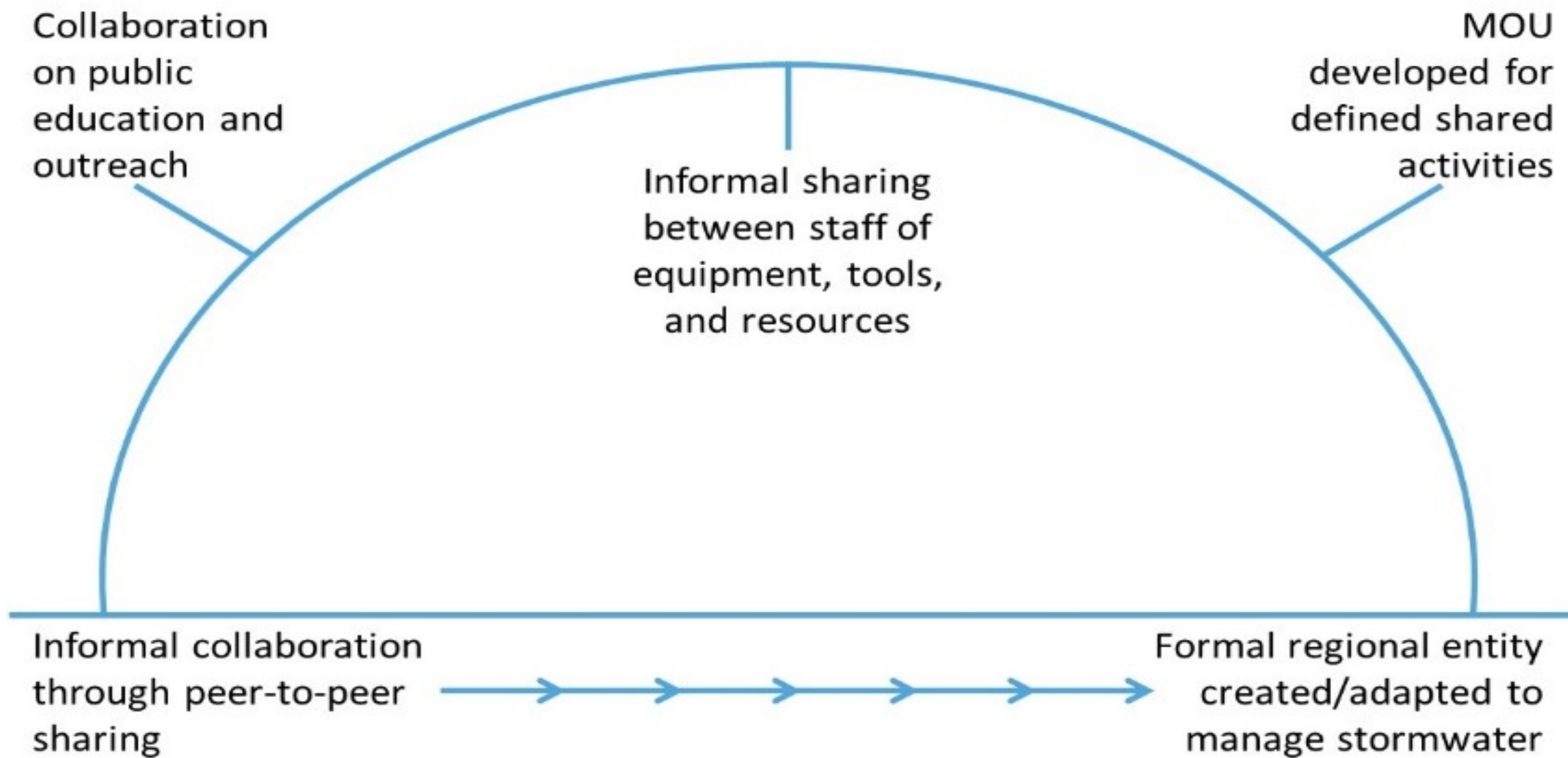
Cost reducing mechanisms



Funding streams

Engaging the private sector

Spectrum of Regional Approaches

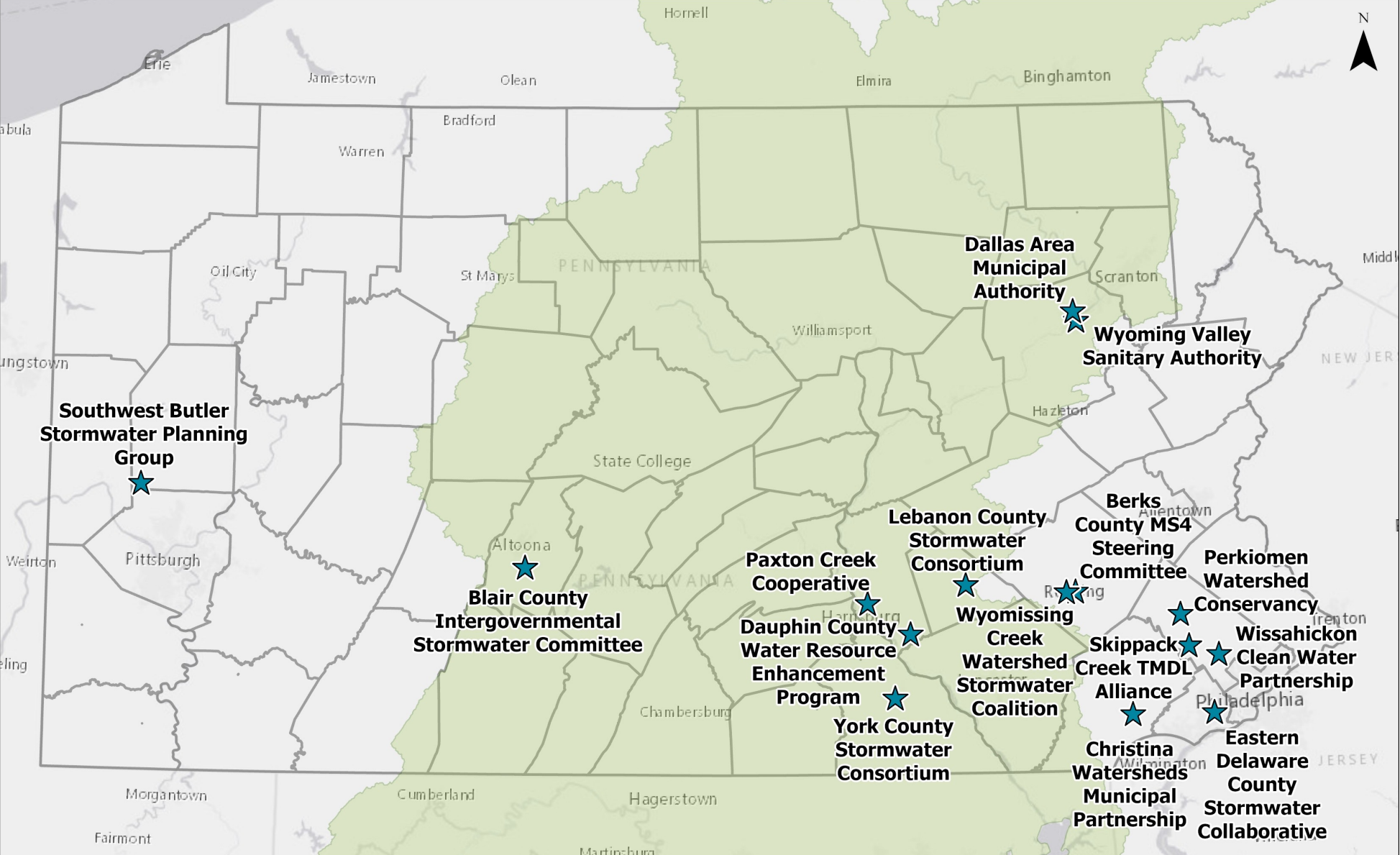


Challenges and Opportunities

- Building trust takes time
- Arriving at consensus takes time
- Consistent, active member engagement
- Turnover
- Saves time and money
- Attractive to funders
- Offers expanded BMP locations
- Allows for larger projects
- Creates consistent messaging
- Establishes a peer network



Existing Pennsylvania Stormwater Collaboratives



Source:
Center for Watershed Protection



STORMWATER COLLABORATIVE INTRODUCTIONS

WATERNOW ALLIANCE

Collaboration Overview

Name: The Saw Mill Run Integrated Watershed Management Plan

Participating Communities: 12

Agreement Type: Working toward an MOU

Funding Sources and Amounts: \$3.4M foundation support administered through Pittsburgh Water and Sewer Authority

Drivers: Regulatory requirements

Leadership on Stormwater: Driven by Pittsburgh Water and Sewer Authority and Facilitated by Watersheds of South Pittsburgh, Support is uneven

Regulatory Requirements: MS4, CSO, PRP, TMDL Consent Orders

Lessons Learned: Develop agreed upon shared goals and outcomes early. Have municipal leaders participate in the process.



Outreach and Education

Created in 2011

Focus on MCM 1, 2, and 6

Dues: \$2,500 annually

Members: 11 municipal members in Eastern Delaware County

Pollutant Reduction Plan

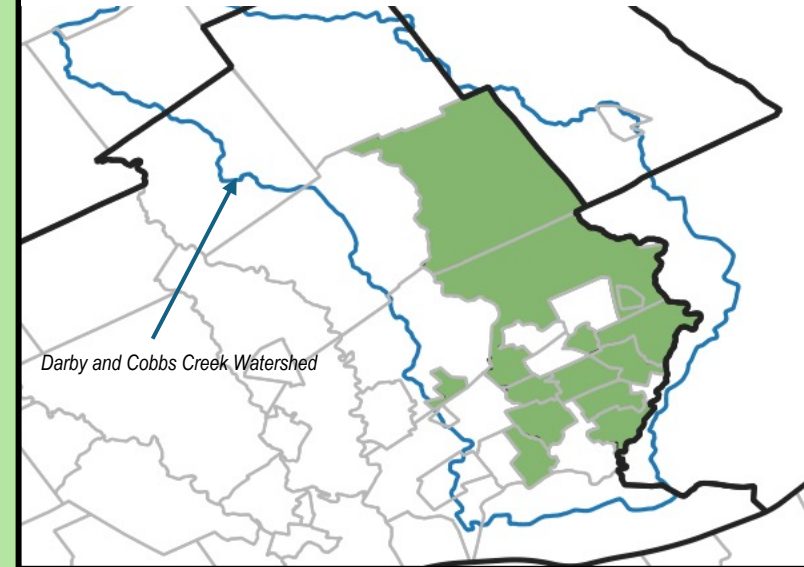
Created in 2018

Dues: Based on annual sediment load of each municipality

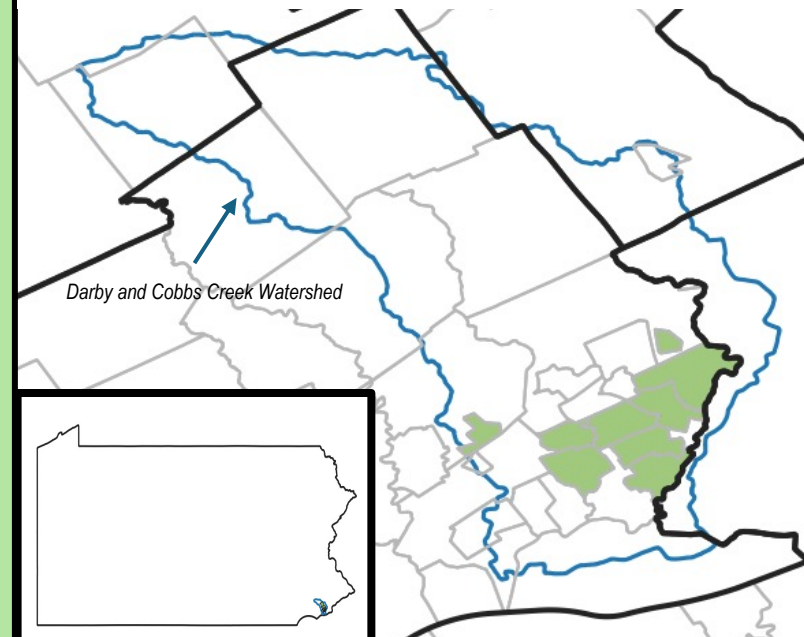
Members: 7 all in the Darby and Cobbs Creek Watershed

Meet Monthly, EDCSC first, followed by PRP group.

EDCSC Outreach and Education Members



EDCSC Pollutant Reduction Plan Members



Collaboration Overview

Name: Wyoming Valley Sanitary Authority Stormwater Division

Participating Communities: 32

Agreement Type: ICA

Funding Sources and Amounts: Fee; 90% pay 4.70 per month, PennVest; Grants

Drivers: MS4 Permits

Leadership on Stormwater: Driven by WVSA and Member Municipalities

Regulatory Requirements: MS4, Joint PRP

The background of the image is a dense, overlapping collage of rectangular sticky notes in various colors including light blue, teal, lime green, and lavender. Each sticky note features a large, dark blue question mark. The notes are scattered across the frame, creating a textured and busy visual effect.

TIME FOR A POLL

WATERNOW ALLIANCE

Join at menti.com | use code **6124 849**

Mentimeter



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Content



Design



Settings



Help &
Feedback

What potential advantages are there to stormwater management partnerships among communities in a watershed?



leader
transpiration
bold
creative
focus
fast
inspiration

What potential drawbacks come to mind around this approach?



bold leader
creative
fast inspiration
transpiration focus

PANEL DISCUSSION

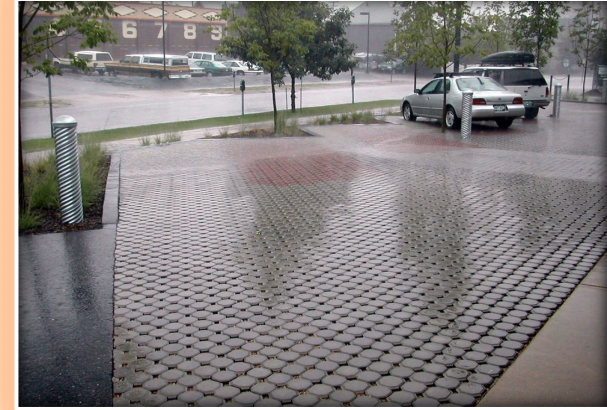


WWSA's Regional Collaboration

Jeff Colella, WWSA

Starting A Stormwater Authority

- You must have the strong support of the Board of Directors/Supervisors
- Have a plan for outreach/education before billing begins.
- Have rules and credit program in place prior to billing
- Make sure your outreach to the public reinforces the same message
- Work closely with your customer service team to educate them on the program
- Have 1 or 2 employees who work more often with business property owners
- Make your billing as understandable as possible
- Be ready for criticism



Starting a Stormwater Authority- Regional Implementation

- Stormwater PRP – evaluating projects for cost effectiveness & impact, making revisions
- Win-Win Projects – addresses MS4 & other Issues (Localized flooding, Stormwater runoff, reduce stormwater volume from combined sewers)
- Partnerships – Municipalities, Commercial Developers, Local Fire Dept, Residential Customers, Churches, Schools, Casino/ Gaming , Car Dealership, other Authorities, County
- Projects – multiple consulting firms
- Construction – outside contractors and self-perform
- Aggressively pursuing Grants



Outreach prior to billing:

- Meetings at senior centers
- Public presentations at the start of the public municipal meetings
- Separate open-to-the-public presentation
- In person meetings with any rate payer who was going to >\$3,000 a year
- Top 50 rate payers had meeting with the Board of Directors and Executive Director
- Newspaper Ads
- Direct informational mailers to all ratepayers
- New and updated website



Running an Authority- Partnerships

- Build the best relationship you can with the governing agency's
- Projects are not on property you own- must build a relationship with property owners
- Chance to work with municipalities and agency's to build long term relationships
- Be realistic on the time it takes to get all pre-construction activities completed
- Chance to get in front of public and business leaders to promote the program
- Partners with property that supports larger projects can equal a significant decrease in fee





*You 'otter know...
we all live downstream.*



AUDIENCE Q&A

WATERNOW ALLIANCE

JOIN THE ALLIANCE

LEARN MORE AND SIGN UP

www.waternow.org/join-the-leaders



WATERNOW ALLIANCE

THANK YOU

FOR MORE INFORMATION EMAIL:

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Karen Holm – karenholm113@gmail.com

Lisa Werder-Brown – lisa@wospgh.org

Emerson O'Donnell – eo@waternow.org

Amy Weinfurter – aw@waternow.org