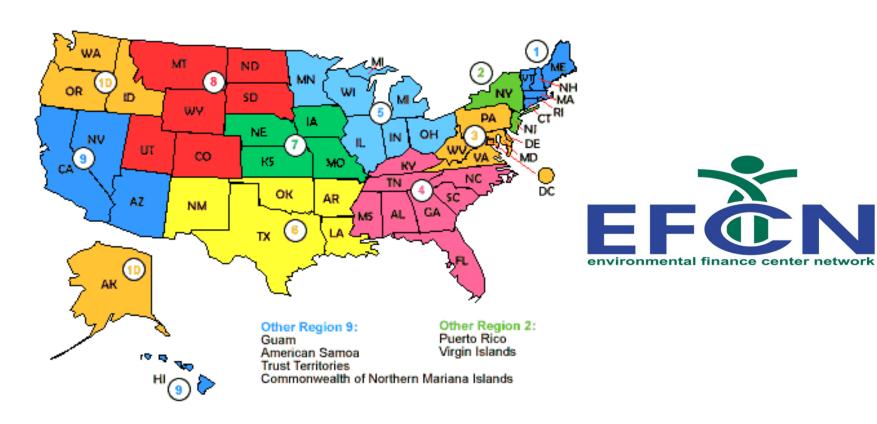
## Getting Help to Local Governments Through Technical Assistance

Presented by Joanne Throwe Environmental Finance Center University of Maryland

January 3, 2013 Chesapeake Bay Commission Meeting Annapolis, MD

#### **Environmental Finance Centers**





#### A Mid-Atlantic Environmental Finance Center

- Regional center
  - Maryland, Virginia, West Virginia, Pennsylvania, Delaware, and the District of Columbia
  - Located at UMD and a satellite office in Lancaster, PA
- Expertise in assisting communities:
  - Address internal capacity
  - Develop organizational capacity
  - Assess, recommend, and implement watershed protection financing programs
  - Identify funding and financing opportunities



# Financing Bay Restoration through WIP Implementation

## Public sector financing problem:

- Local responsibility
- Highly complex
- High costs, limited revenue

## Public sector financing needs:

- Reduced costs through greater efficiencies
- Reduced and/or mitigated risks
- Innovative solutions to entrenched problems



### How EFC is Helping Local Governments

- 1. Offering a series of WIP financing workshops to be held around the region on stormwater and agriculture
- 2. Providing direct technical assistance around the watershed through the Stormwater Finance and Outreach Unit; small systems financing assistance; Agriculture Financing Unit, etc.
- 3. NFWF Local Government Technical Assistance awards
- 4. Watershed Assistance Collaborative (MD only)



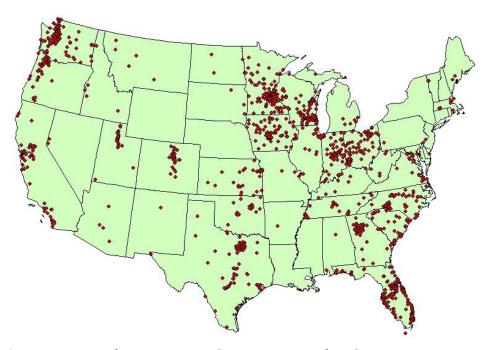
## Helping Local Governments through WIP Financing Workshops

- Upcoming EPA sponsored workshops to help with financing related to the WIPs
- Several workshops to take place in 2013
  - ➤ MD Phase 1 MS4 Workshop (held Dec. 14, 2012)
  - ▶ PA Phase 2 MS4 Stormwater Trainings and Workshops (Feb. 2013)
  - ►PA Agriculture Workshop
  - ➤ VA Phase 2 MS4 Stormwater Workshop
  - ➤ VA Stormwater Workshop
  - >WV SW/WW Workshop
  - ► MD/DE Agriculture Workshop
  - ➤ VA or MD Agriculture or Stormwater Phase 2 Workshop



### **Stormwater Financing Around the Country**

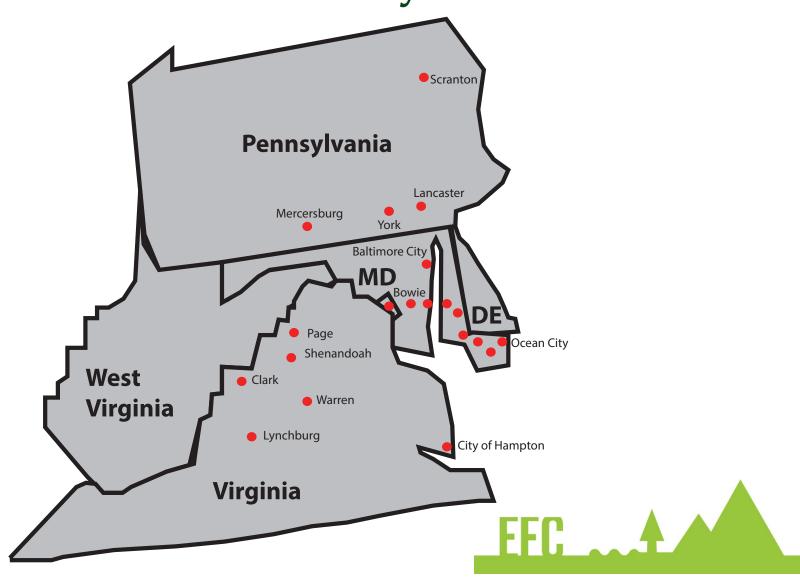
#### **Stormwater Utilities 2012**



Source: Western Kentucky University Stormwater Utility Survey 2012; report surveys 1,314 stormwater utilities across 39 states and DC

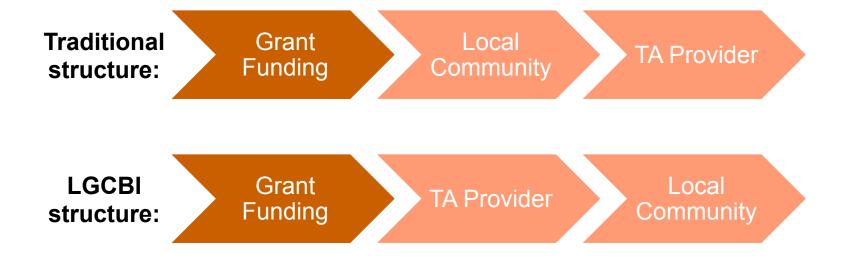


## EFC Provides Financing Assistance to Local Governments around the Bay Watershed



# NFWF's Local Government Capacity Building Initiative (LGCBI)

- Builds upon success of Chesapeake Bay Program
- Equips communities with financial resources & technical assistance



Switched focus from money to service

# WIP Financing Assistance through Local Government Technical Assistance

#### Role of EFC

- Helps NFWF coordinate 10 of 14 LGCBI TA awards
- TA provider to some local governments
- Provide on-going support and document case study to create other success stories

#### One on One Direct Assistance

- Assessment
- Develop financing strategy; create efficiencies and cost reductions; facilitate collaboration
- Determine individual recommendations



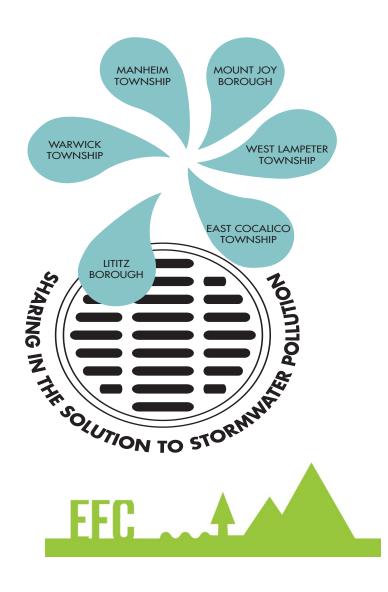
## Following A City's Lead

- Lancaster City wants to make themselves a regional and national example of cooperative inter-municipal stormwater management
- Initial list of recommended GI demonstration projects
- Took a cost (\$) benefit (environment) approach (Calculated through the use of their "green calculator")
- Strong outreach component including demos of their GI
- Excellent GI factsheets included in City of Lancaster Green Infrastructure Plan



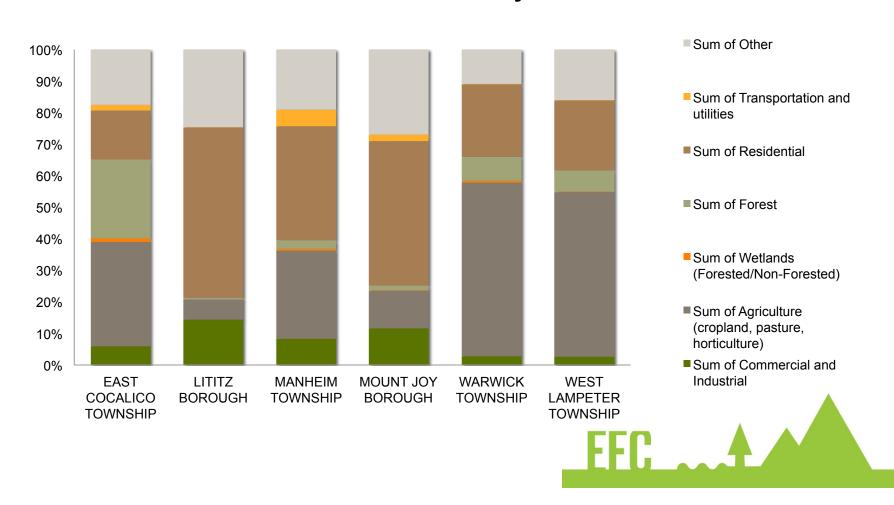
## Working Together Makes Sense





## Background: Land use

#### Land Use Percentages for Select Municipalities in Lancaster County



## **Current SW Management**

	West Lampeter Township	East Cocalico Township	Warwick Township	Mount Joy Borough	Manheim Township	Lititz Borough
Budget/ Funding	Always deposit \$10K for SW	\$250K budgeted fro SW and roads as well as from general fund; \$1.2M cap reserve	DPW receives \$500K for all projects	Budged \$8K for SW; Mayor approved \$1M for SW/ sidewalk project	\$58K budgeted for contracted services; anticipated \$120K shared with roads	\$50K budgeted for SW and related projects



#### **Notable Differences**

- The condition and age of their stormwater infrastructure
- SW management drivers (range from simple compliance to environmental responsibility)
- Some municipalities in coalitions with other municipalities in Lancaster County
  - Lancaster Inter-Municipal Committee (LIMC)
    - West Lampeter and Manheim
  - Lititz Run Watershed Alliance (LRWA)
    - Lititz-Warwick Partnership



## Similarities Across Municipalities

- All are small communities (9,200-38,000 pop)
- Large portions of land use as agriculture
- · Want to conserve agricultural land but still build residential
- Dealing with farmers as well as residents
- Good SW maintenance program already in place
- NOI for MS4 permits new permits anticipated soon
- Poor documentation and record keeping
- SW maintenance comes out of a general fund sporadic
- Have SW goals but in general vague
- Goals deal with the gray infrastructure move toward Green



#### Define Level of Service, Gaps, and Costs

Where are you now and where do you need to be in the future?

#### 4 Levels

- Existing
- Essential
- Enhanced
- Optimal



**Understand the True Costs - Start Planning Now** 

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Project Manager   \$54,620   \$39,703   \$81,695   \$83,790   \$681,219   \$698,249   \$715,705   \$79,703   \$79,703   \$648,394   \$664,603   \$681,219   \$698,249   \$715,705   \$79,703	\$\frac{\sqrt{2}2
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Total Personnel   S617,150   S632,579   S606,327   S606,032   S6	## Non-Residential Tiered System, Years 1 & 2:    \$4,733   \$558,048   \$1,081,924   \$51,081,924   \$51,07,161   \$127,719   \$107,940   \$89,598   \$24,563,82   \$24,56
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Surplus (ue) 1997	

### Get to Know your Infrastructure Better



### Snapshot of Virginia and West Virginia

- Shenandoah Valley, VA: Strong interest and support for regional approach to financing stormwater: 4 counties coming together soon to begin assessment
- Lynchburg, VA: First stormwater utility bill issued July 1, 2012- opportunities may exist around the surrounding communities
- Ranson and Charles Town, WVA: Green Infrastructure Plan and Comprehensive Plan; Ready to begin a sustainable stormwater financing strategy; wants to work together



## Promoting Environmental Finance

#### Stormwater and Green Infrastructure

- You can't get innovative until you understand the anticipated costs
  - Start by conducting a full program evaluation which tie actual costs to revenue
  - ➤ Provide incentives for communities who are proactive with their programs. They will be the leaders and mentors



## **SAGE**

#### Streetscape Appearance Green Enhancement





#### WHAT IS SAGE?

#### **SAGE** is a donation-funded, municipality-managed program

- beautifies the local streetscape
- boosts civic and community pride
- facilitates future economic development





#### WHY SAGE WORKS

#### This program works in challenging economic times

- Garden locations are assigned sponsorship values.
- Municipalities embrace the program because the gardens' design and installation with LID features are covered by private donations.
- The SAGE program reduces VDOT maintenance, puts small contractors back to work and instills community pride.





#### WHO PARTICIPATES?























Genworth Financial



Everyone deserves a good meal.™







#### Lynchburg's SAGE Program by the Numbers

- 55 sponsored gardens (10 acres total)
- >\$1,200,000 5-year garden sponsorship value
- 92 donors
- >40 acres of meadow
- >1,300 street trees planted outside of gardens
- >\$1.6MM in donations to date
- >\$225,000 surplus currently in program account



## The SAGE Concept is Expanding

- City of Hampton now underway (NFWF supported)
- VA Beach currently pursuing SAGE program
- 15 miles of Route 1 highway outside of Philadelphia being considered for 2013
- Baltimore City interested



## Today's Takeaway Points

- There **are** resources out there for local governments EFC is just one example of what's available
- Know exactly what you are trying to finance and why
- Engage partners and learn to collaborate Creates efficiencies
- Engage private sector whenever possible
- Don't be afraid to try out new ways to pay for environmental activities to help lower costs
- Invest today pay less tomorrow





### Thank You!

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