Welcome!

- Phone lines are muted
- Please chat questions as we go
- Session will be archived at www.sclearningnetwork.org
The EFC: Who are we?

Address the issue of “how to pay” by working across sectors

Help local and state organizations meet environmental mandates in fiscally-sound manner
EFC Services and Assistance

Our work includes (finance lens):

• Technical Assistance
• Agriculture, Stormwater and Green Infrastructure
• Air Quality
• Climate and Energy
• Sustainability
• Program and Policy Analysis
What to expect today...

- The importance of sustainable finance
- Applying green infrastructure to stormwater
- Local government stormwater manual
- Real life community examples
Sustainable Financing: Green Infrastructure

A stormwater management approach with the capacity to:

• Reduce implementation costs
• Deliver benefits that serve multiple community priorities
• Engage the private sector
• Spur behavior change through the marketplace
• Provide return on investment to local economies
EFC’s Stormwater Financing Manual

After many years of working with communities, EFC developed a manual to outline how locals can effectively implement and sustainably finance stormwater and green infrastructure programs.

• Created as a resource and framework that mirrors our process when working with communities

• Reference guide for communities who have capacity/political will to take this up on their own

• Each community is different but there is a framework for implementation
Introduction to Stormwater Management

At EFC we take a very broad, all-encompassing definition of stormwater management.
Dealing with green infrastructure...

- What natural systems are already in place?
- Where are the gaps in the system?
- Where are there opportunities to leverage other community priorities?
Elements of a Comprehensive Stormwater Program

- Administration
- Billing and Finance
- Public Education and Involvement
- Technical Support
- Engineering and Planning
- Operations and Maintenance
- Capital Improvements
- Regulation and Enforcement
Challenges to Managing Stormwater

• Typically dispersed amongst various departments
• Large capital costs – aging infrastructure, future development/growth, water quality BMP implementation
• Long term maintenance
• Importance of technology – “good” data
• Requires staff capacity for administrative and technical components
• Extensive public education/outreach
# Stormwater Financing Options

<table>
<thead>
<tr>
<th>Source</th>
<th>Coverage of Cost Type</th>
<th>Features</th>
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<tbody>
<tr>
<td></td>
<td>Capital</td>
<td>Operations &amp; Maintenance</td>
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<td>Grants</td>
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<tr>
<td>Loan Programs</td>
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<tr>
<td>Bond Financing</td>
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<td>General Fund</td>
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<td>Permit &amp; Inspection Fees</td>
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<td>Public Private Partnerships</td>
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<tr>
<td>Stormwater Utility Fees</td>
<td>Yes</td>
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Lancaster City, PA: Holistic GI approach

- Cost savings
- Making the business case for GI
- Cadillac model
- Pilot projects jump start comprehensive, long term program ultimately funded by a stormwater fee (utility)

Check out Lancaster City’s Saveit! website
Lancaster County, PA: Peer-to-peer collaboration on MS4-related activities

• Opportunity to collaborate piece meal at this time; move toward regionalization in long term

• Additional investment required by all 6 municipalities

• Estimated expenditures range from approximately $270,000 to $10.1 million over 5 years

• All should consider implementing a dedicated user fee in form of an authority; some require further analysis to identify specific costs

• Extensive public outreach process needed
Berlin, Maryland: Unregulated community addressing flooding through a stormwater utility fee

View video here
Hampton, VA: Public private partnerships

- Completely different financing approach
- Private donations to pay for beautification and stormwater gardens

Check out City of Hampton’s Website
Scranton, PA: Utilizing existing capacity and resources

- Significant challenges to comprehensively addressing stormwater through City alone
- Developing comprehensive stormwater management program through integration of existing permit activities
- Using Lancaster City as model for asset management and green infrastructure
Warrington Township, PA: Overlaying community priorities to leverage investment

Passed $3 million open space bond referendum to:

1. Purchase and preserve open space
2. Acquire trail linkages and expand trail system
3. Improve park infrastructure

EFC’s role: Determine strategies to stretch those dollars while meeting additional local needs:

1. Overlay existing priorities with stormwater management compliance activities and green infrastructure opportunities
2. Partner with existing organizations
3. Identify funding opportunities
HUD Case Stories

Shedding light on other examples around the country

City of New Orleans, Louisiana

Maryland National Capital Park and Planning Commission

Metropolitan Council, Minnesota

Gulf Regional Planning Commission, Mississippi

City of Pittsburgh, Pennsylvania

City of Columbia, Tennessee

City of Knoxville / East Tennessee

Shelby County, Tennessee

Capital Area Regional Planning Commission, Wisconsin

www.efc.umd.edu
What makes a stormwater program successful?

First hand observation reveals...

Leadership  Outreach  Collaboration  Sound Fiscal Planning

...in a “mix” that meets local needs.
Need More Info? Contact Us!

Brent McCloskey
Research Associate – Public-Private Partnerships
brentmc@umd.edu

Monica Billig
Program Manager
mbillig@umd.edu

Jen Cotting
Research Associate – Green Infrastructure
jcotting@umd.edu