

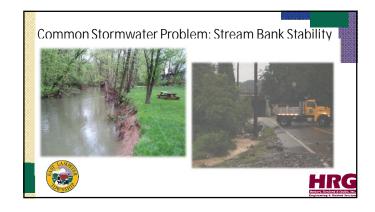
Township Stormwater Challenges Challenge #1: Polluted streams The Conestoga River, its tributaries, Stauffer Run, Mill Creek and Pequea Creek are considere impaired

- Challenge #2: Tightening regulations
 MS4 Permit requires implementation of a Pollutant Reduction Plan by 2023.
 2018 MS4 Permit requires Township to have funding and staffing necessary to fully comply with increased regulations, including BMP installation.
 Growing number of communities fined for non-compliance.
- Challenge #3: Aging infrastructure
 Roughly 455,000 LF of pipe & 4,200 inlets
 Significant portion of pipe and facilities anticipated to reach its useful life in next 10-20 years.
- Challenge #4: Level funding
 Historically, the Township has funded stormwater costs through tax revenues which have remained relatively stable despite growing costs

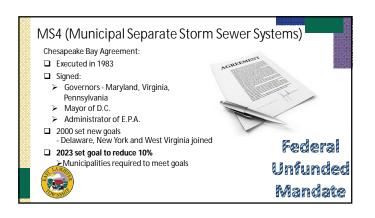


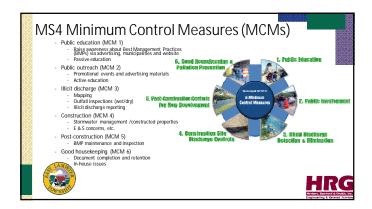


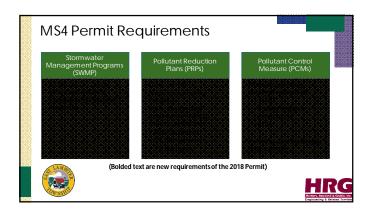














Summary of Work to Date on Stormwater System Evaluation & Visioning

- 1. Worked with Community Stakeholders from February 2019 through present to:
 - Assess Long-term Needs/Costs for Stormwater Program, include regulatory compliance costs
 - Develop Draft Budget & Capital Improvement Plan Consider Most Equitable Method for Short Term and Long Term Funding Needs

 - Develop Public Education and Outreach Strategy
 - e. Obtain Impervious Area (IA) data for each parcel f. Discuss Creditable Stormwater Activities
- $2. \quad \text{Currently working with Township and Authority on Program Implementation Steps} \\$





Stormwater Authorities (SWA)... A Growing Trend • Over 1,800 stormwater utilities in the U.S. • First utility formed in 1974 • Continued growth over past 5 decades due to: Increased regulation - Significant precipitation events • Enabling legislation in PA passed in 2013 Currently there are over 130 municipalities in PA who are at some level of SWA formation or regional collaboration



Financial Benefits of a SWA Benefit #2: Provides a steady dedicated revenue stream • Dedicated source of funds • Funds directed solely to stormwater management • Need for capital improvements and revenue requirements increase as infrastructure ages • More predictable and steady stream • Tax revenue often static as cost of improvements/regulatory requirements increase

SAC Recommendations

- 1. Expand ELSA to act as an operating authority for stormwater.
- 2. Further consider regionalization.
- 3. Consider one-on-one meetings with largest fee payers.
- Township should ensure regulatory compliance is met in order to avoid fines and provide a better quality of life for residents and property owners.
- Introduce a comprehensive LOS with education that outlines services provided for the \$1.4M budget.
- 6. Plan for regulatory compliance and system improvement needs over a 5-10 year planning period.
- 7. Allocate costs based upon impervious area using a tiered rate structure that does not differentiate between residential and nonresidential.
- 8. Further explore credits and incentives to develop a cost effective policy.

Proposed Stormwater Budget

• Estimated annual budget (2020-2023)*

Function	Average Cost Years 1-4	% of Budget
Operation & Maintenance	\$110,000	8%
MS4 Compliance	\$650,000	46%
Capital Improvements	\$465,000	33%
Administrative/General	\$175,000	13%
Total Annual Budget	\$1,400,000	100%





Funding SW through Tax vs. Fee

TAX

- Counts towards muni borrowing limits
- Tax exempt users do not help fund SW
- Property's assessed value not linked to SW runoff
- Residential property owners pay more
- Property Owner can not control magnitude of their charge

- Fee
- Uniform and Reasonable
- Can self liquidate debt
- All property owners payImpervious Area is best link to runoff generation
- Incentivizes property owners to partner with munito meet SW needs of community
- Saves constituents money





