

STORMWATER MANAGEMENT PROGRAM

BOROUGH OF CONSHOHOCKEN
AUTHORITY

AND

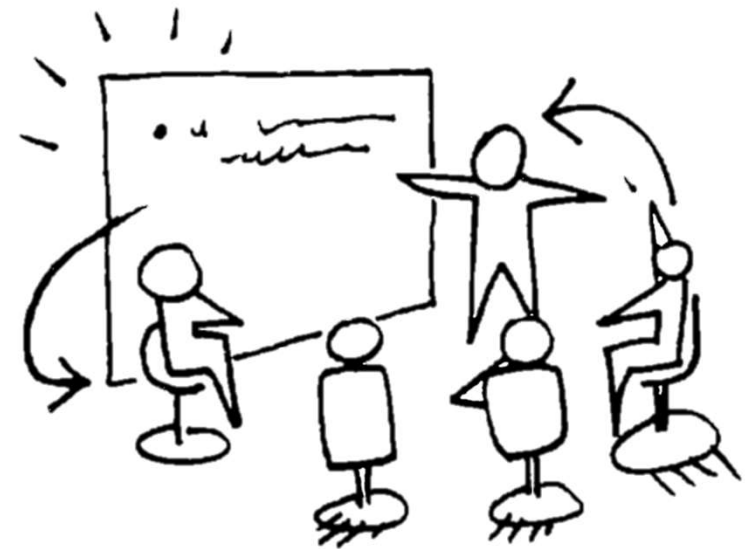
HERBERT, ROWLAND & GRUBIC, INC.

JANUARY 18, 2024



AGENDA

1. Stormwater Overview
2. Program Budget
3. Funding Source for Program
4. Credits and Appeals
5. What's Next?
6. Q&A Session



STORMWATER: WHAT IS IT AND WHY WORRY ABOUT IT?

Stormwater is water that originates from precipitation (rain, snow, ice melt, etc.).

- Can carry pollutants (sediment, nitrogen, phosphorus, etc.)
- Transported through storm sewers and surface conveyances into local waterways
- Runoff from **impervious** surfaces is the principal concern.



HOW DID WE GET HERE:

Chesapeake Bay Agreement of 1983

- New Pollutant Reduction Goals Set in 2000 to be achieved by 2023
 - 10% Sediment Reduction
 - 5% Total Phosphorus
 - 3% Total Nitrogen

MS4 Municipalities Must Meet This Goal



MS4 MINIMUM CONTROL MEASURES (MCMS)

MCM 1: PUBLIC EDUCATION

Raise stormwater awareness via educational materials

MCM 2: PUBLIC OUTREACH

Promotional events and advertising materials

MCM 3: ILLICIT DISCHARGE

Mapping

Outfall inspections

Illicit discharge reporting

MCM 4: CONSTRUCTION

Stormwater management on development and redevelopment

MCM 5: POST-CONSTRUCTION SWM

BMP maintenance and inspection

MCM 6: GOOD HOUSEKEEPING

Document completion and retention



INCREASED REGULATION OF MS4 COMMUNITIES

- Unfunded Federal Mandate
- Broad permit requirements (six MCMs)
- Required to Complete Pollution Reduction Projects (PRP)
- Likely further requirements in next permit

E. The permittee shall develop and maintain adequate legal authorities and shall maintain adequate funding and staffing to implement this General Permit, including the SWMP contained in Part C I of this General Permit.

MS4- Municipal Separate Storm Sewer System

MCMs- Minimum Control Measures



MUNICIPAL STORMWATER CHALLENGES

- Challenge #1: Polluted streams and increased flooding
- Challenge #2: Increased regulations: must implement PRP
- Challenge #3: Aging infrastructure
 - Some very old; need to assess condition
 - Will identify additional infrastructure needs
 - Maintenance limited by budget
- Challenge #4: Borough Growth= more runoff and infrastructure
- Challenge #5: Funding

~11 miles of pipe + open channels; structures, outfalls, basins



PROGRAM COSTS

Function	Average Annual Cost*
Operation & Maintenance**	\$595 K
Capital Improvements	\$230 K
Total Annual Budget	\$825 K

**Assumes 2024 Start*

*** Includes allowance for delinquencies*



COVER PROGRAM COSTS BY ERU FEE STRUCTURE

Group	Estimated Monthly Fee Per Property
Single Family Residential	\$10.00
Other Properties	\$6.50/ 1,000 SF of IA



OWNERS CAN APPLY FOR CREDITS TO LOWER FEE

(ANTICIPATED CREDIT OPTIONS)

- Peak Rate/Volume Control Structural Best Management Practices
- Rain Barrel Rebate
- Education Credit
- Stormwater Partnership Credit



Additional information on credits can be found in the Credit Manual
Will be available at the Borough Building and Authority Website after adoption



CREDITS AND APPEALS PROCESS

- Application by Property Owner (with documentation and fee, if applicable)
 - Review by Authority
 - O&M Agreement (ensure long term benefit to program)
 - Credit applied to next billing cycle



WHAT'S NEXT?

- First bills to be mailed in April 2024
- Fee will be issued with sanitary sewer bill (where applicable)
- Stormwater Infrastructure Assessment and Improvement Projects begin



ANY QUESTIONS?

