

# Harrisonburg Conservation Assistance Program



City Council Presentation

Tuesday, June 11, 2019

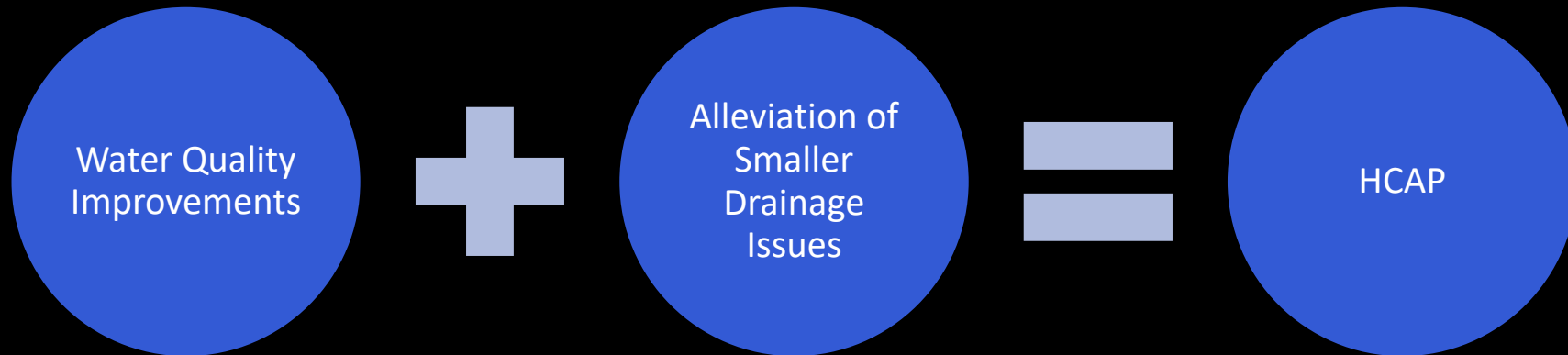
Department of Public Works

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# What is HCAP?

- Harrisonburg Conservation Assistance Program (HCAP): An urban cost-share program that provides financial incentives and technical assistance to property owners installing stormwater projects in Harrisonburg.



# Project Types

- Rain Garden: A shallow landscaped depression that incorporates pollutant removal mechanisms and allows for the infiltration of runoff.





# Project Types

- Green Roof: A vegetated alternative roof surface that consist of waterproofing and drainage materials and an engineered media that supports plant growth.



# Project Types

- **Permeable Pavement:** Alternative paving surfaces that allow stormwater runoff to filter through voids in the pavement surface into an underlying stone reservoir, where water is temporarily stored or infiltrated into the ground.





# Program Administration

- Memorandum of Agreement between the City and the Shenandoah Valley Soil and Water Conservation District (District)
- City provides funding to the District for:
  - Program Administration
  - Technical Assistance
  - Project Cost Share Reimbursement



# How Does it Work?

- Property owner contacts the District and sets up an appointment to:
  - Review project ideas
  - Receive an application
- Property owner completes application by the deadline, which will include:
  - Site visit by District staff
  - For non-engineered practices: a project plan completed by property owner
  - For engineered practices: a feasibility study or project design
  - Three quotes
- Applications will be ranked and property owners notified to proceed

# Anticipated Outcomes



Alleviation of Smaller Drainage Issues



Improved Water Quality



Chesapeake Bay and Local TMDL Pollution Reduction Credits



# Questions?

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[www.HarrisonburgVA.gov/HCAP](http://www.HarrisonburgVA.gov/HCAP)

Shenandoah Valley Soil and Water Conservation District

(540) 433-2853

[www.svswcd.org](http://www.svswcd.org)