



**StormWater Enhancement &
Education Pilot Program
(SWEEP)
For
Private Single-Family Residential BMPs
Maintenance**

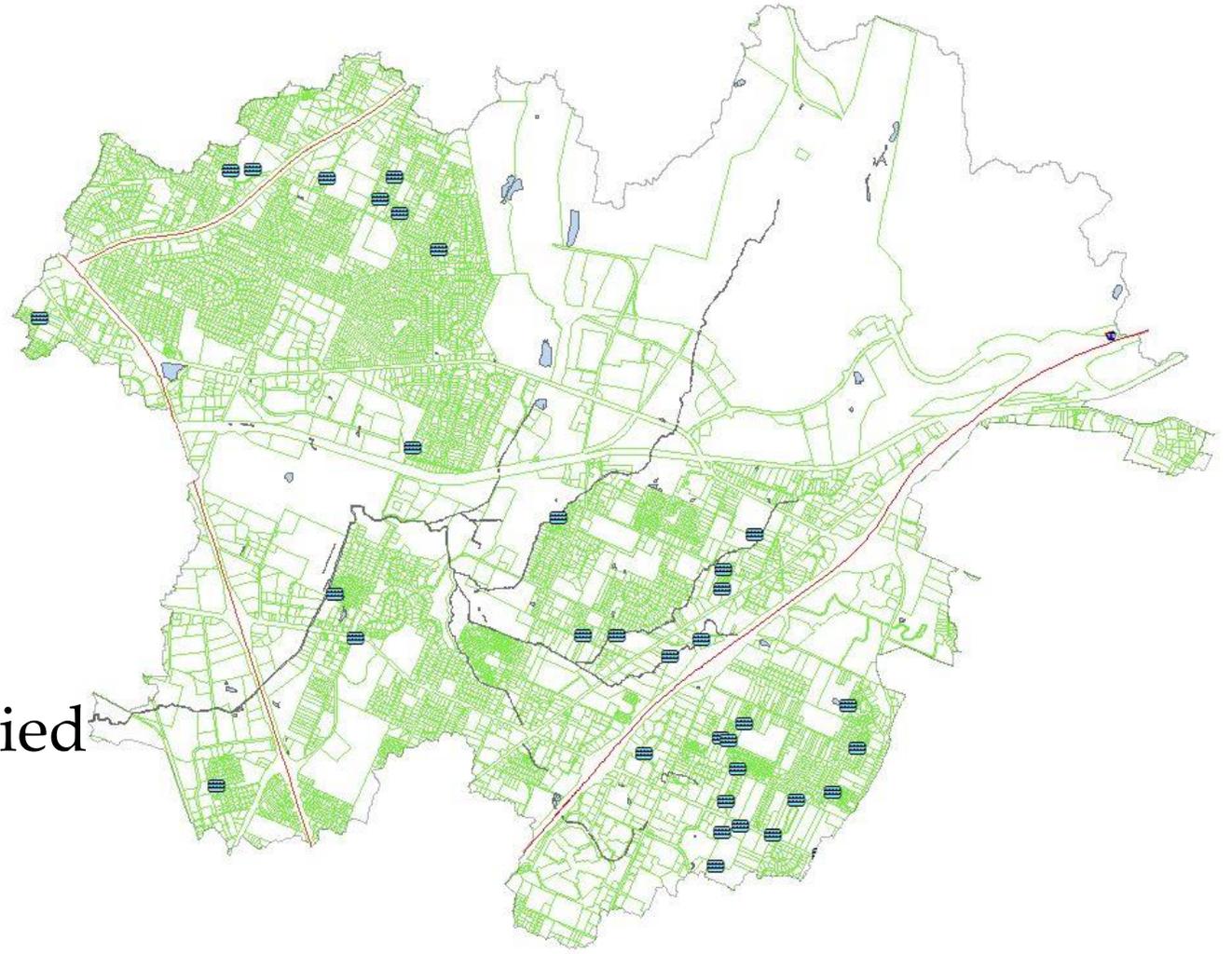




Who's maintaining the ponds?

Pilot Area

- Friar Branch watershed
 - Impervious area
 - TMDL reduction
 - Improvement in water quality
- A total of 26 ponds were identified in Friar Branch



GOALS

- The City will evaluate private residential BMPs for maintenance or retrofitting.
- Major one-time improvements will be performed.
- The City will not take ownership of the BMPs. The property owner or other recognized entity such as homeowners association (HoA) will retain ownership and recurring maintenance responsibility.
- This is a one-time effort by the City to bring the structures into better working condition and to establish, reestablish or improve water quality treatment components.

Criteria

- Targeted BMPs constructed before to Sept 26, 2006 (prior to the City required Maintenance Agreements)
- Able to gain access and hold-harmless agreement from BMP owner
- Willingness of HOA or homeowners to conduct routine maintenance activity (monitoring structures, removing trash, cutting grass, etc.).

Outreach

- Educational component
- Literature and brochures
- Partnership with BMP owners, Homeowners and/or HOA



Maintenance Example



CityWorks WO Details for Maintenance - Jet vac inlet w/oil skimmer, remove debris, cut trees, regrade around inlet HW and add riprap apron, grade slopes and stabilize, seed and mat area

Maintenance Plan with owner/neighborhood for continued monitoring and upkeep. Submittal of quarterly/semiannual reports (checklist)

Retrofit Example

Retrofit design to provide Water Quality features for treatment while attenuating flow entering and exiting structure.

Neighborhood Beautification.

The owner or home owner association will be required to sign a 5-year Maintenance Plan.



Summarize

- Education outreach
- Improving proper function of BMPs
- Improving aesthetics in the neighborhood

Next Steps

- Initiate contact with residences to measure buy-in to the program
- Initiate contact with property owners to provide access for repair