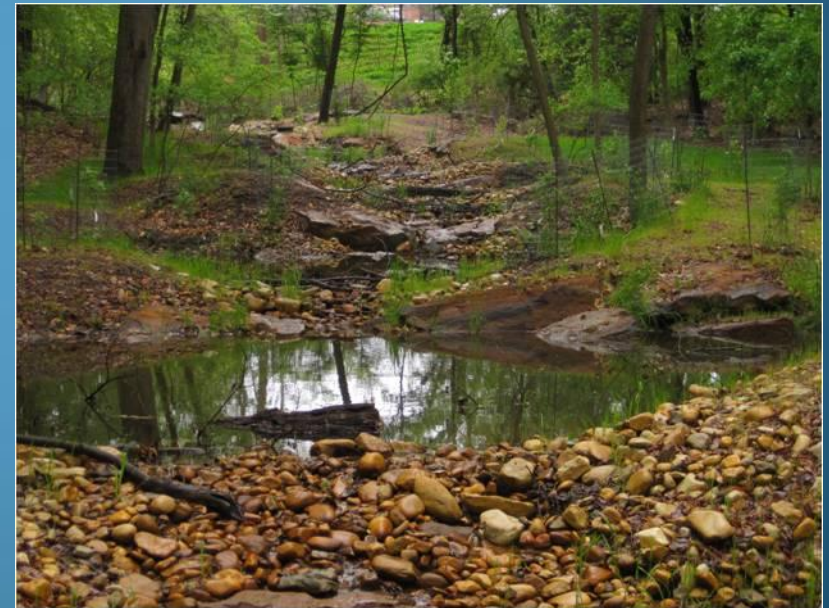


Stream restoration for the benefit of the District and the Bay

Peter Hill

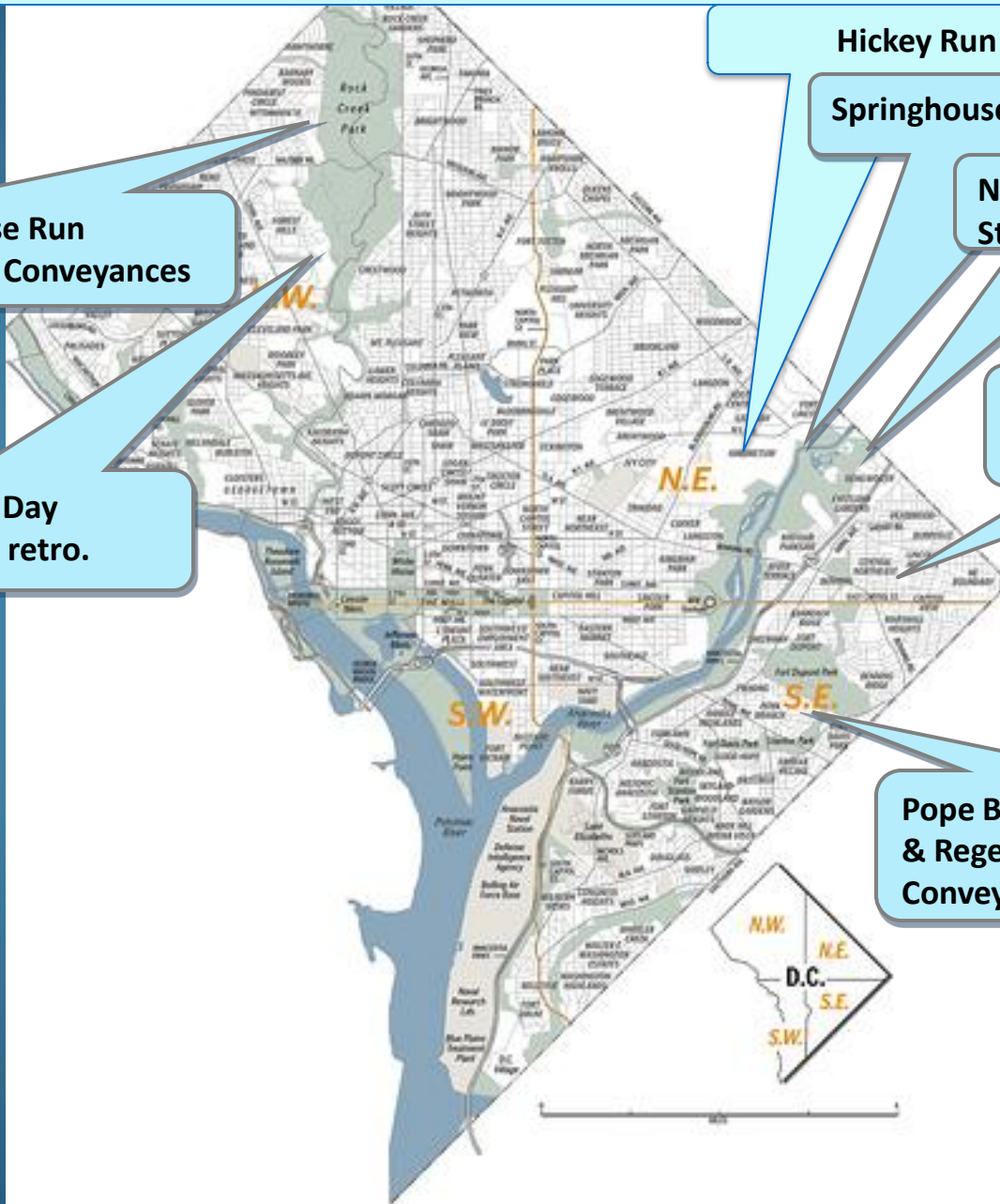
District Department of the Environment
Planning and Restoration Branch



★ ★ ★ GOVERNMENT OF THE
DISTRICT OF COLUMBIA
Vincent C. Gray, Mayor

DISTRICT
DEPARTMENT
OF THE
ENVIRONMENT  *green forward*

Stream Restoration in DC - Time for Action!



**Bingham Ford & Milkhouse Run
Regenerative Stormwater Conveyances**

**Broad Branch Stream Day
Lighting Project & LID retro.**

Hickey Run BMP

Springhouse Run Restoration

**Nash Run BMP &
Stream Restoration**

**Watts Branch Stream
Restoration**

**Pope Branch Stream Restoration
& Regenerative Stormwater
Conveyances**

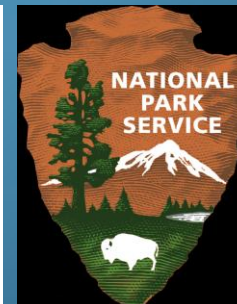
Stream restoration in DC involves building partnerships

Funding agencies



GOVERNMENT OF THE
DISTRICT OF COLUMBIA
Vincent C. Gray, Mayor

Partnering agencies

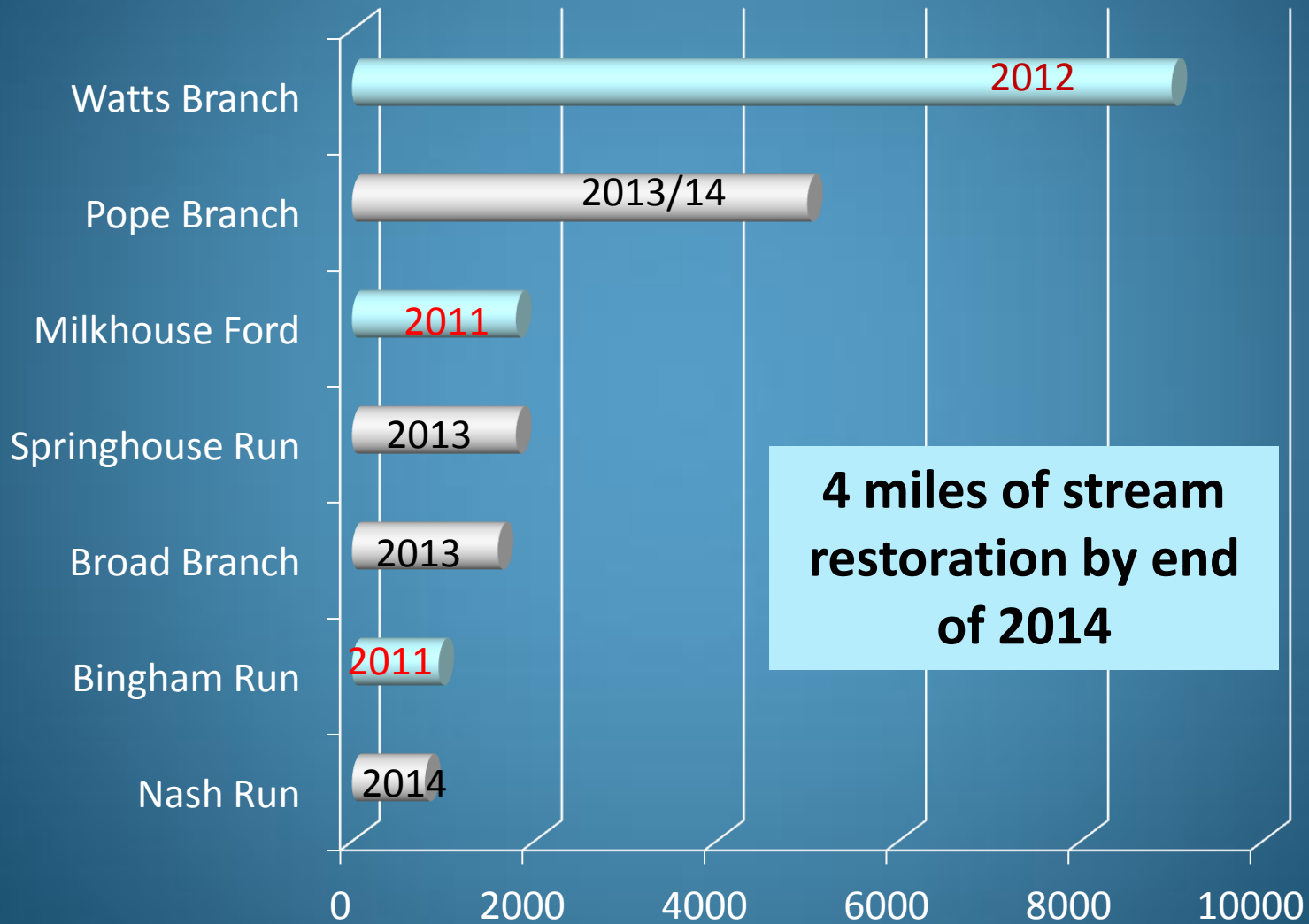


Stream restoration in DC involves trash control



And large goals....

Streams & Total Length (ft.)



Where we work, how we prioritize

- Anacostia is priority watershed
- Areas with active civic groups or watershed groups
- Nonprofit advocacy can help mobilize the public
- Potential to realize significant sediment and nutrient reductions
- Areas where other utility work is scheduled (ie...sewer repairs)
- Potential to improve access and safety



Community involvement

Environmental conditions and restoration potential

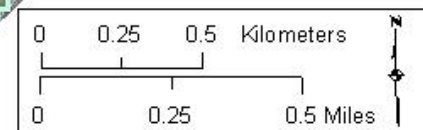
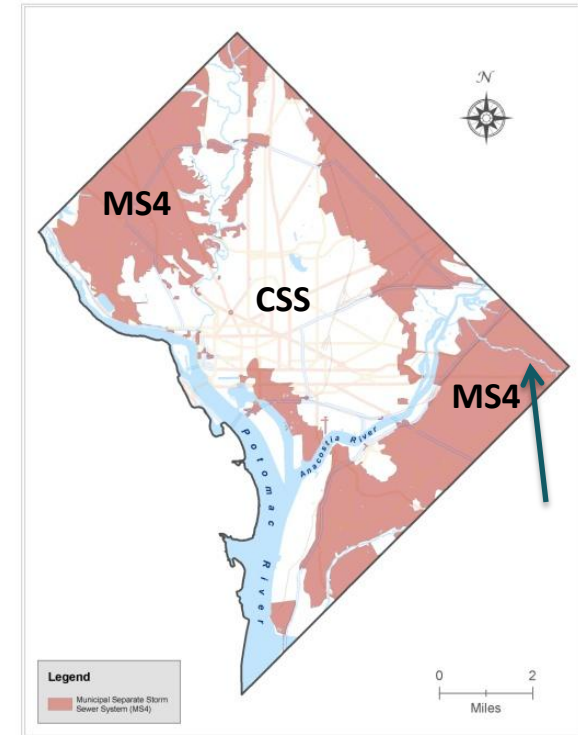
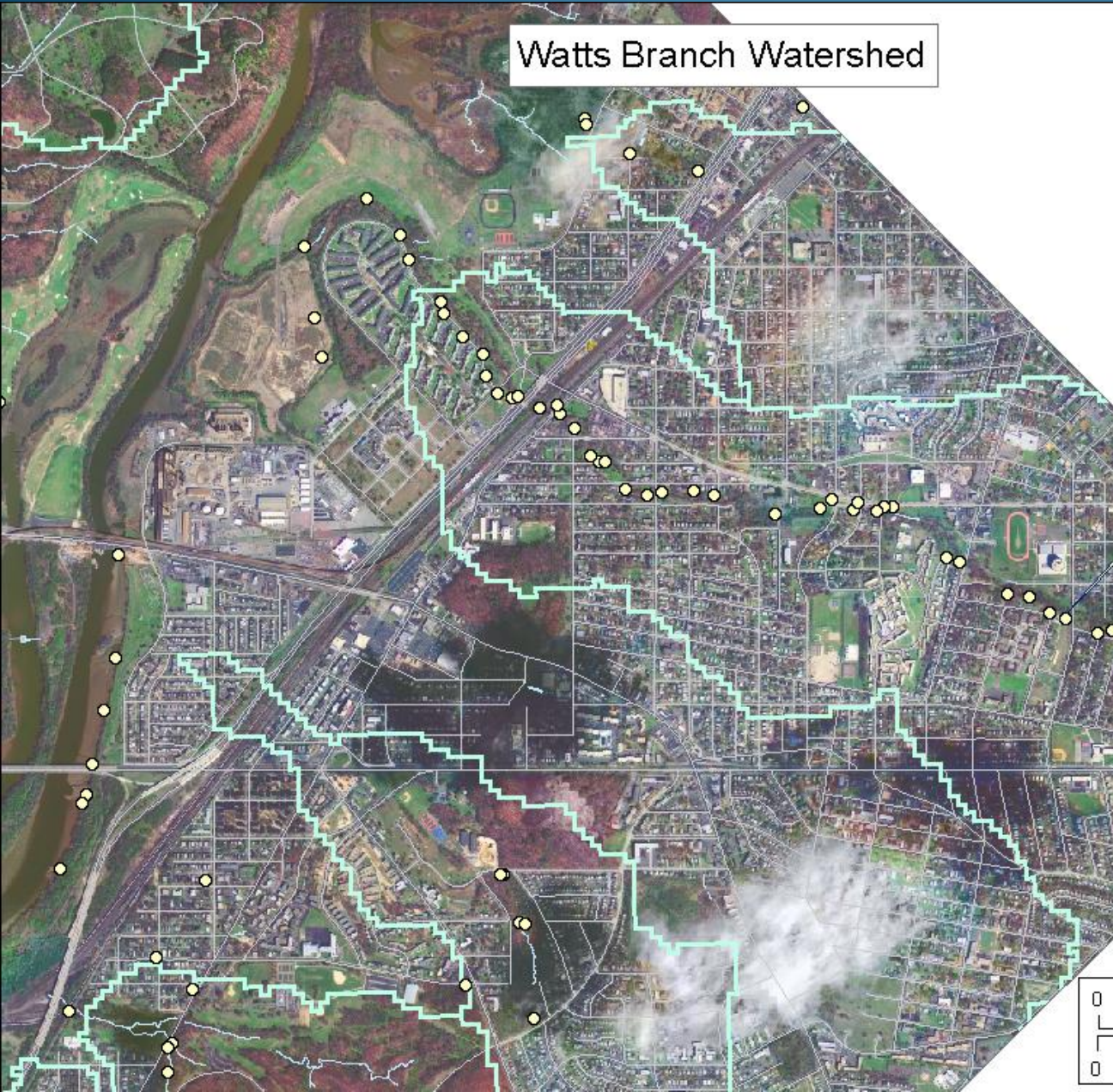


Infrastructure conditions and needs

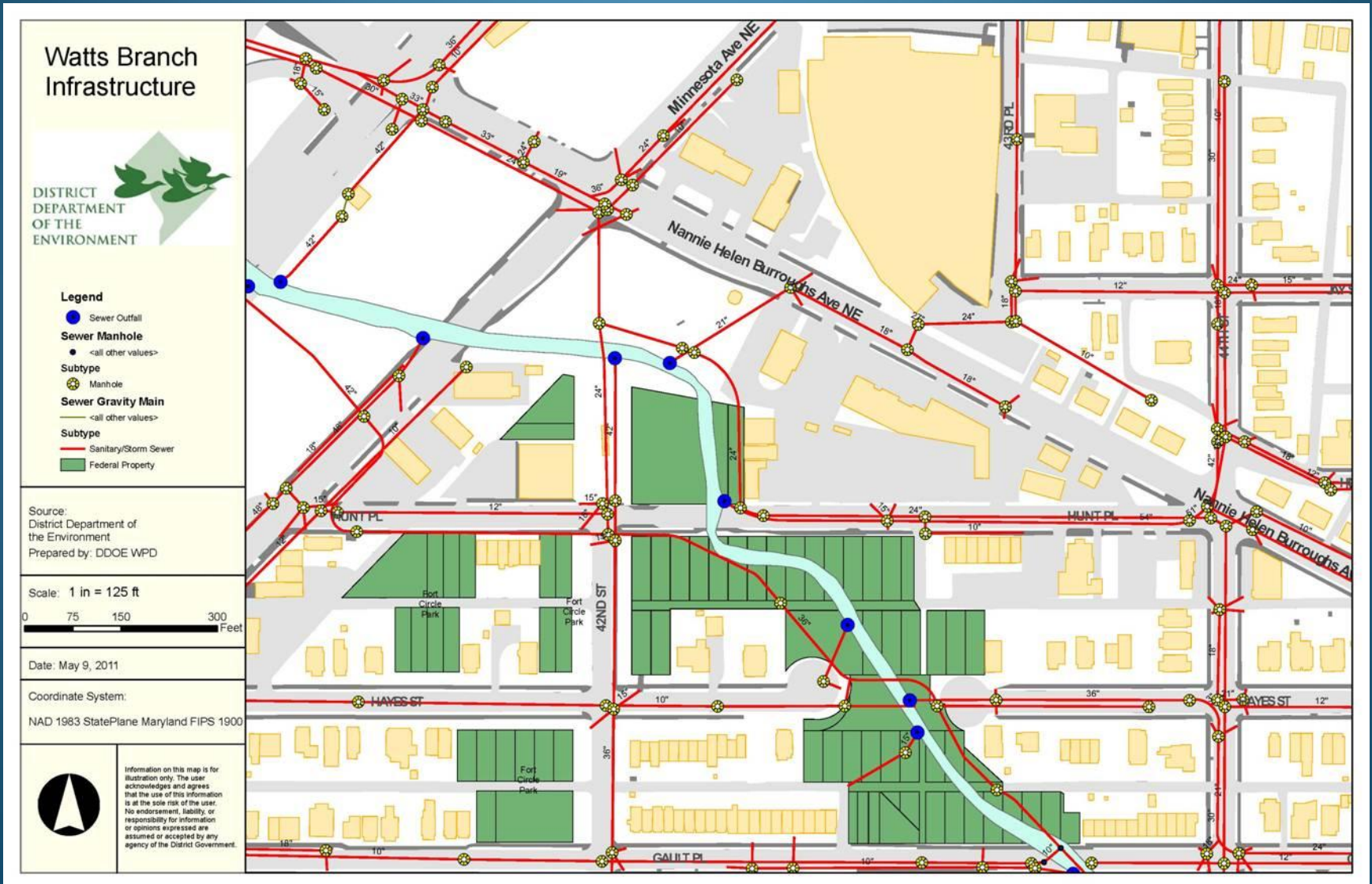
Ground level Implementation Prioritization

Regulatory Ease (*Legal Agreements, Permits, Logistics*)

Priority watershed case study: Watts



Watts infrastructure







Stormwater still a **BIG** problem

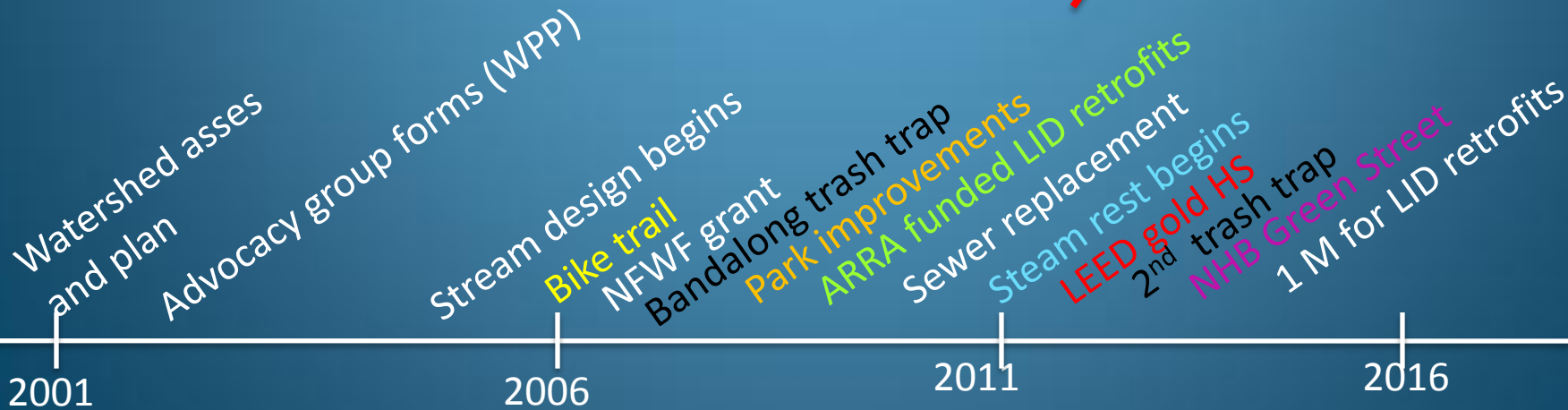
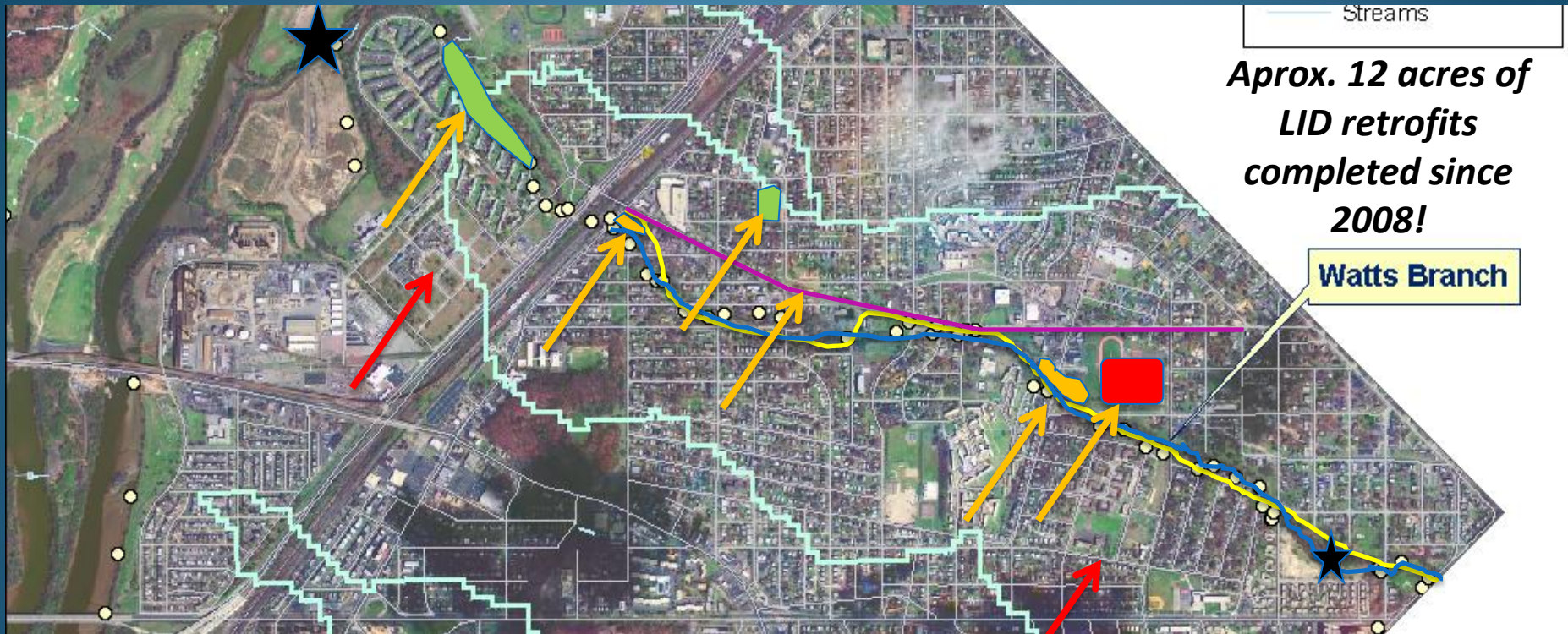
Stream during storm after grading



Stream prior to restoration



Example of targeting funding in Watts



How do we change attitudes?

Students:

MWEEs provided through our nonprofit partners – localized env. ed.

New effort to tie MWEEs to our stream restoration projects

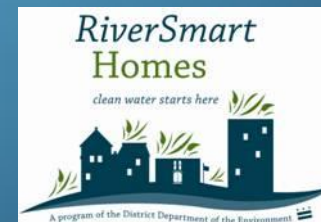


Adults:

Helping fund a Watershed Stewards Academy – helping the public become our informed advocates



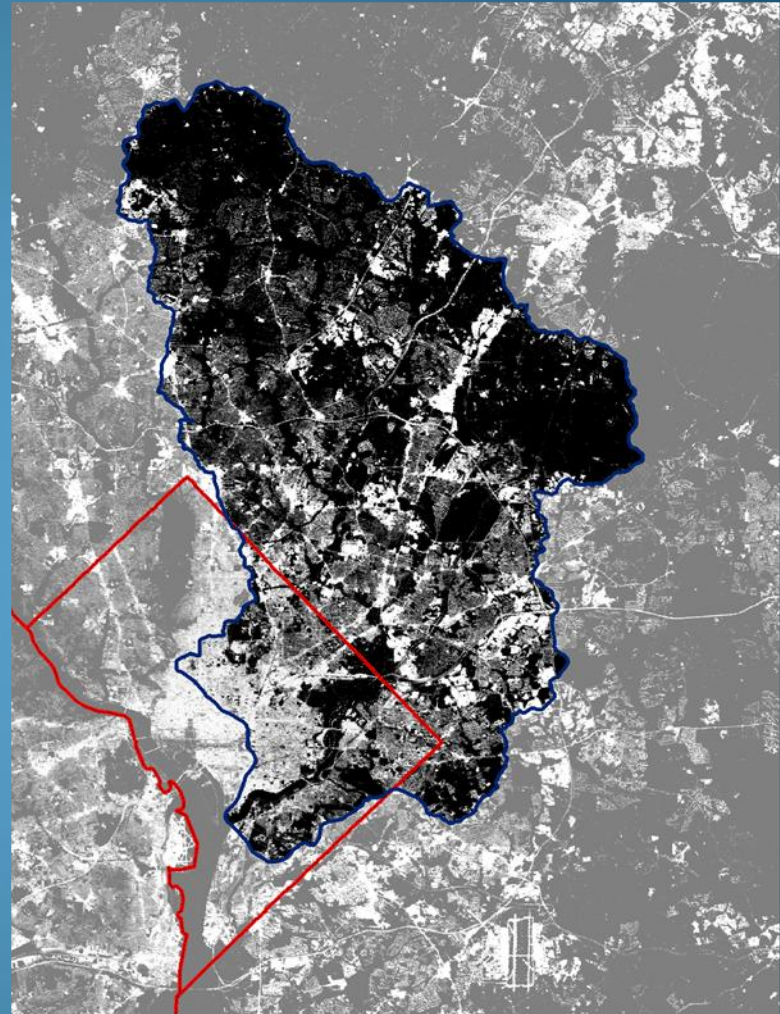
RiverSmart Homes- helping residents control stormwater on their yards by providing lot-level bmps at low cost



A program of the District Department of the Environment

Remaining Challenges

- Cross- border implementation for maximum benefit
 - Anacostia (17% is DC)
 - Watts (47% is in DC)
- Permitting delays
- Shrinking funding from some Federal grants – shrinking budgets on local side





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