



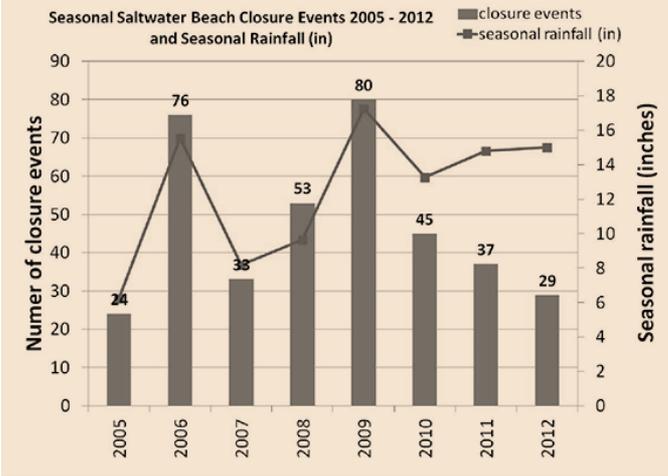
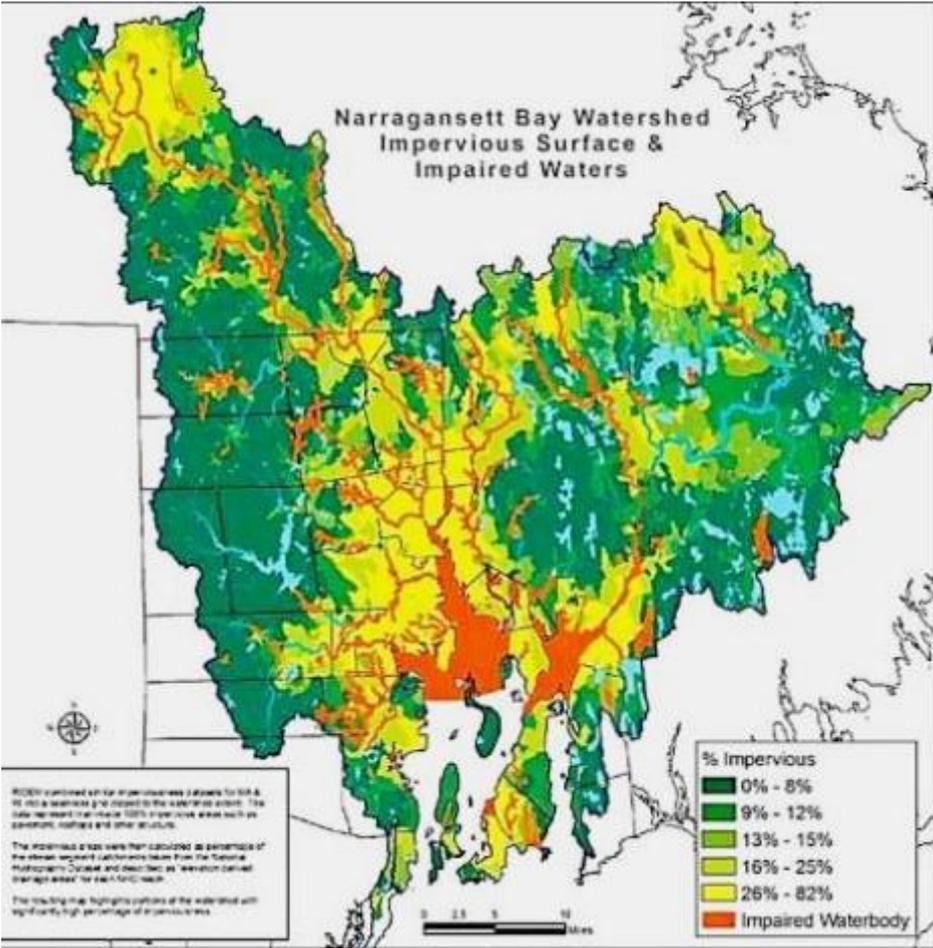
Financing Stormwater Management and Incentivizing Green Infrastructure

Sheila Dormody, Providence Metro Program Manager, The Nature Conservancy
Fred Presley, Town Manager, West Warwick

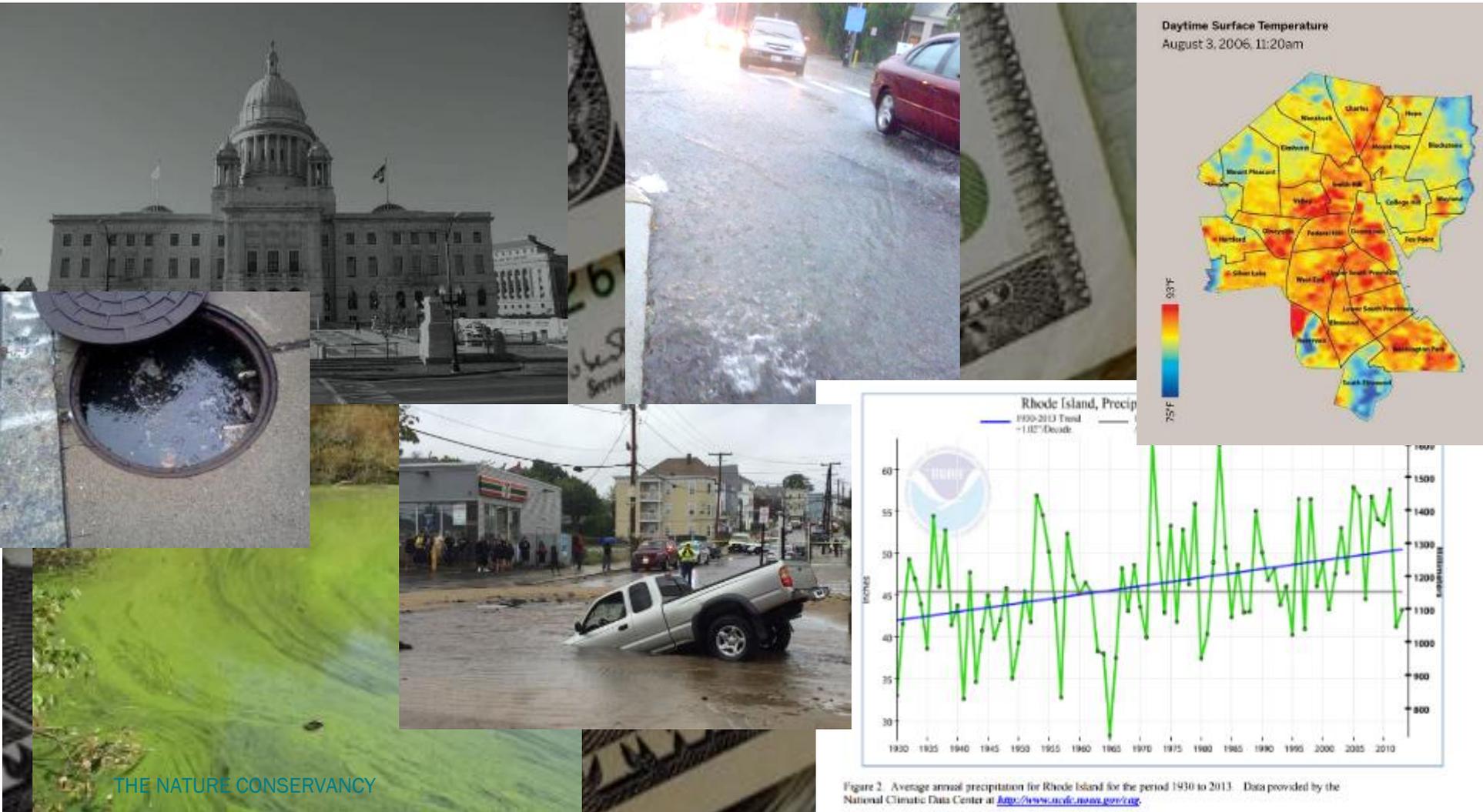
Rain v. Stormwater



Pavement and water quality impairment

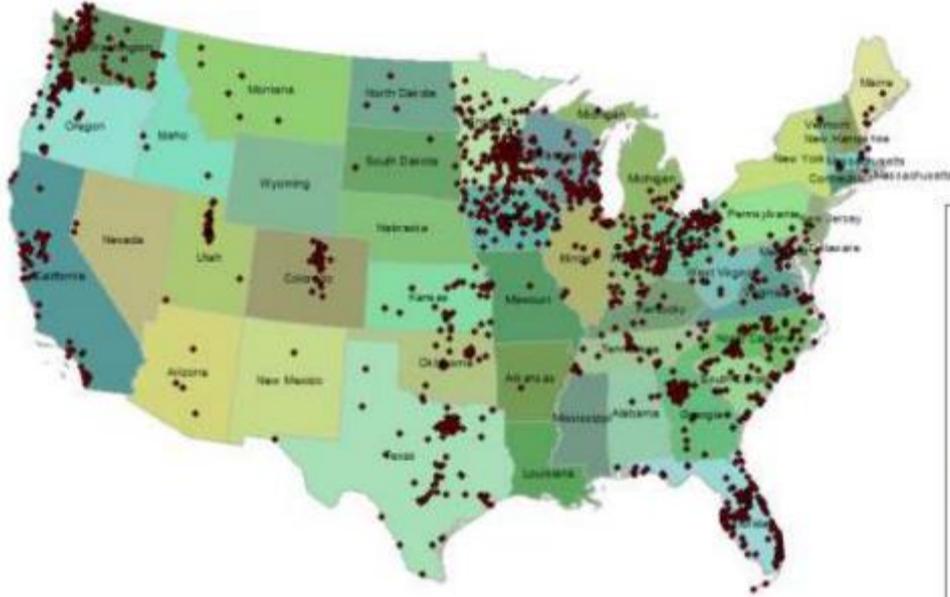


Stormwater challenges for municipalities



Stormwater management districts across the United States

Stormwater Utilities 2016

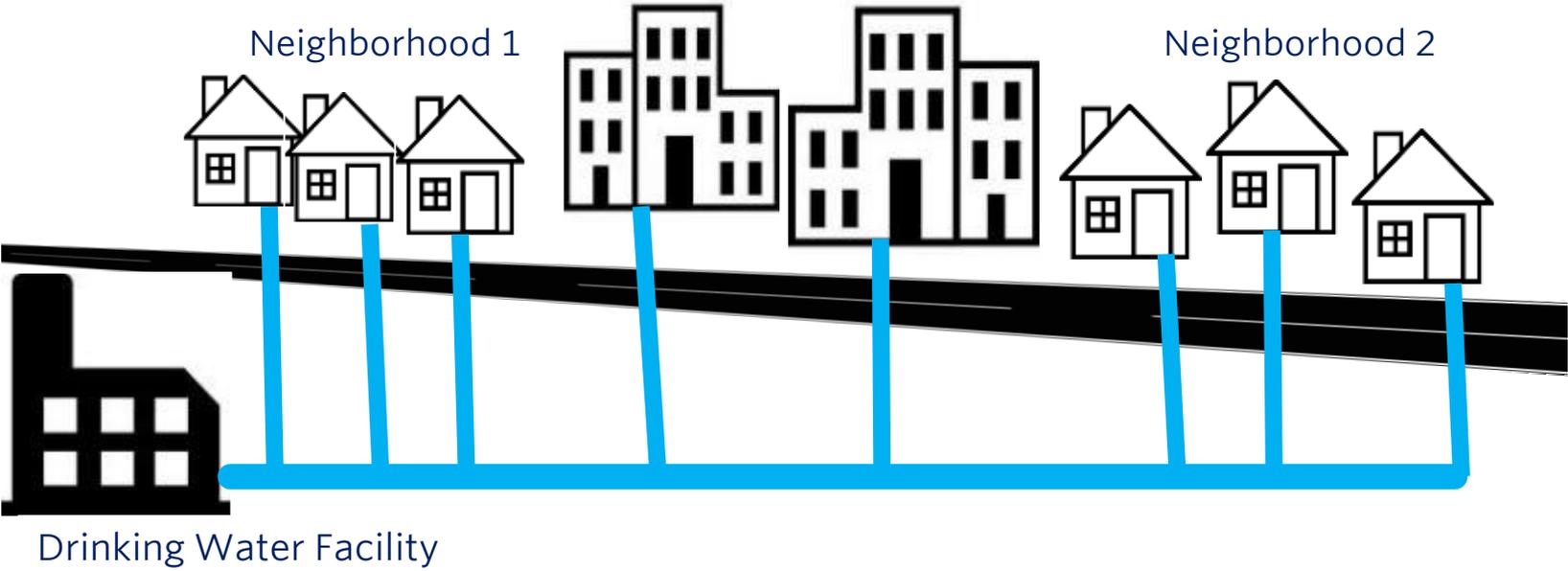


Western Kentucky University Stormwater Utility Survey

SWUs by State 2016

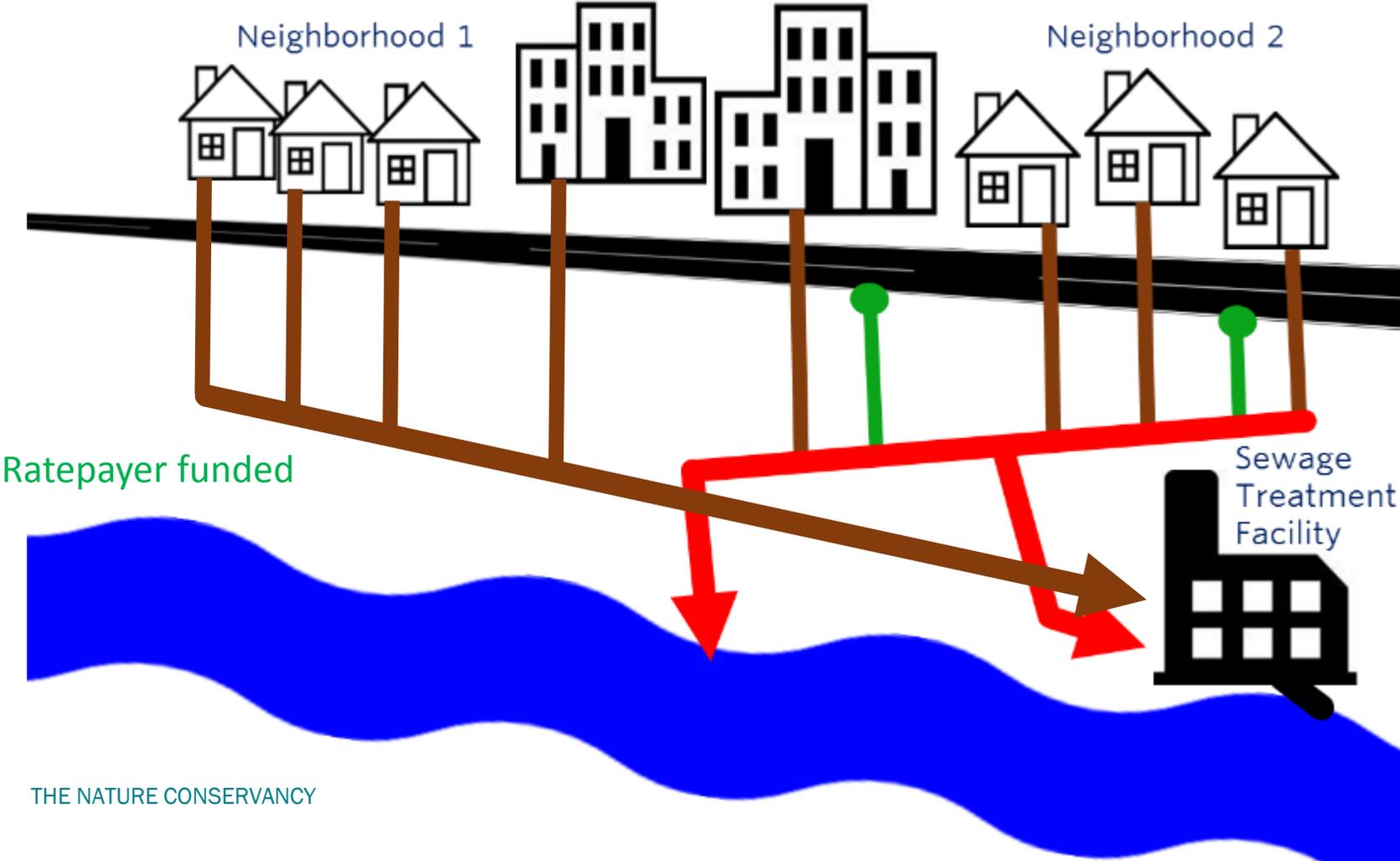


How other utilities are funded

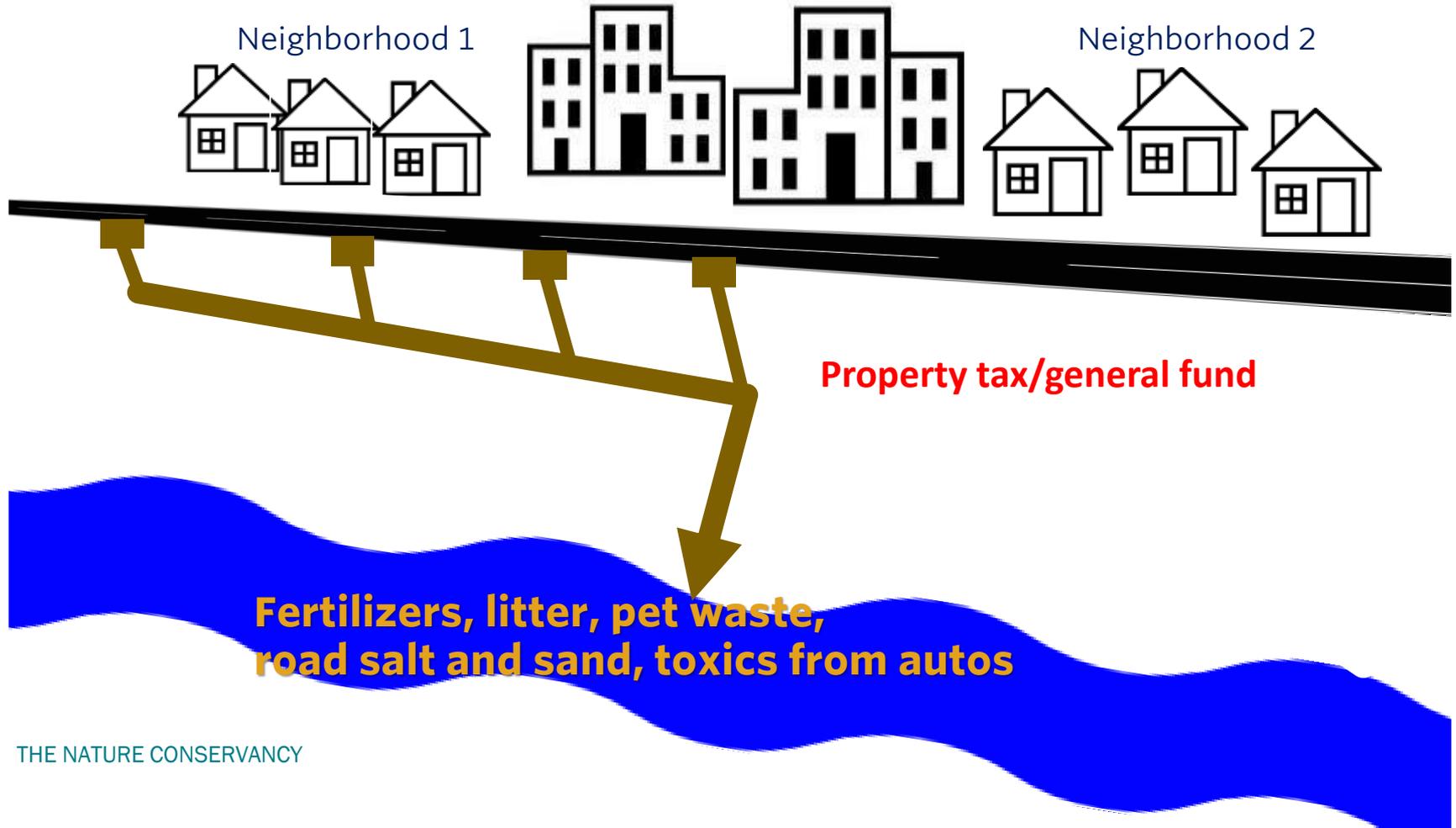


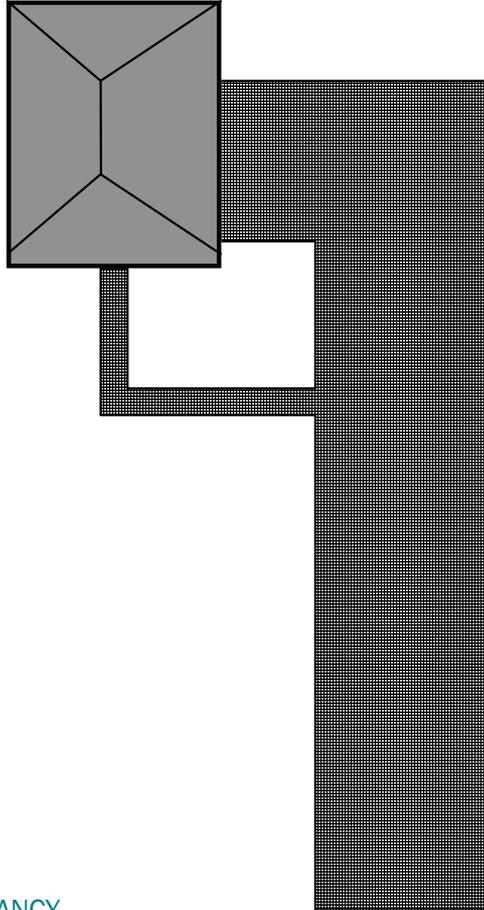
Ratepayer funded

How other utilities are funded



Stormwater infrastructure looks similar



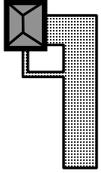


How a Fee is Calculated

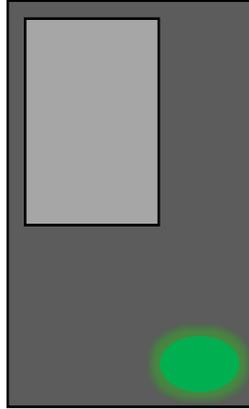
Average paved surface
of a typical residential property equals
the billing unit:

1 Equivalent Residential Unit (ERU)

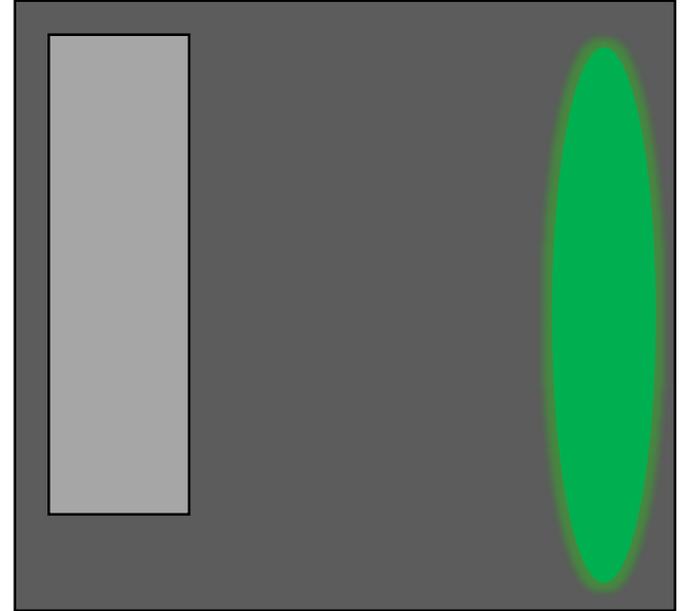
Multiplying Equivalent Residential Units



2000 s.f. = 1 ERU
\$5/mo.



20,000 s.f. = 10 ERUs
\$50/mo. less credit



400,000 s.f. = 200 ERUs
\$1,000/mo. less credit

Benefits of Stormwater Utilities

- Stable
- Adequate
- Flexible
- Equitable



What stormwater management districts fund



Infrastructure upgrades, operations & maintenance



Green infrastructure incentives



Green infrastructure incentives



THE NATURE CONSERVANCY

Middletown stormwater management

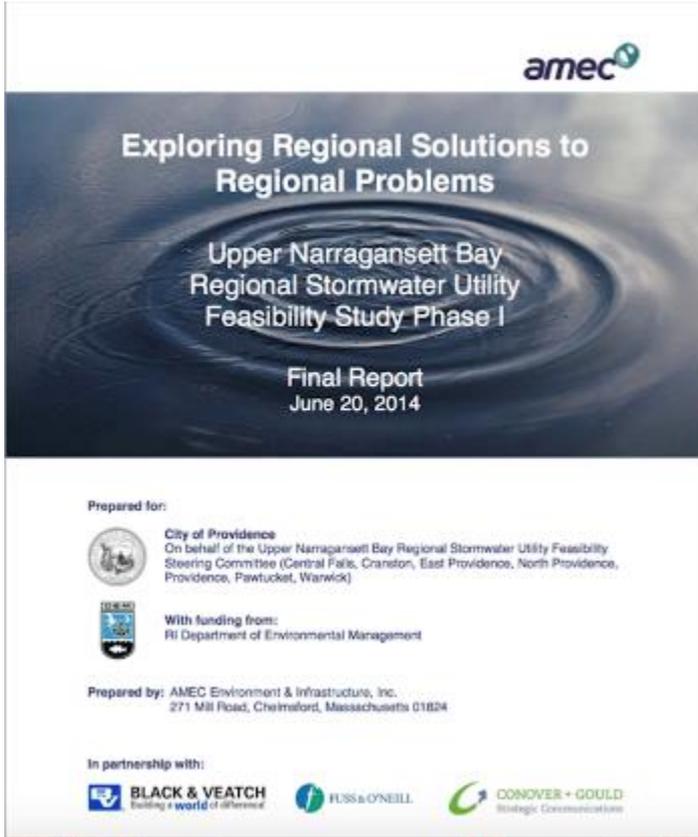


Benefits of A Regional Approach to Stormwater Management

- Address Cause of Flooding Problems
- Improve Water Quality
- No Need for Individual Specialized Resources
- Interconnected Infrastructure



Upper Narragansett Bay Regional Feasibility Study



1. We have real, growing, shared and unresolved stormwater problems
2. We can solve these problems and there will be tangible benefits
3. It will cost more than we are now spending
4. It will be more efficient and effective doing so together as a region
5. A stormwater user fee is the best and fairest way to pay for the improvements

www.unbstormwater.org

RI Green Infrastructure Coalition

Coalition Leadership

- Audubon Society of Rhode Island
- Clean Water Fund
- Save The Bay
- The Nature Conservancy
- The Trust for Public Land

The GIC is also supported by:

- RI Coastal Resources Management Council
- RI Department of Environmental Management
- RI Department of Health
- City of Newport
- City of Pawtucket
- City of Providence
- RI Infrastructure Bank
- Town of Middletown

Other Partners

- Aquidneck Island Planning Commission
- Aquidneck Land Trust
- Birchwood Designs
- Blackstone Parks Conservancy
- Blackstone River Coalition
- Clean Ocean Access
- Conservation Law Foundation
- Emerald Cities Providence
- ESS Group, Inc.
- FILARSKI/Architecture+Planning+Research
- Friends of the Moshassuck
- Green & Healthy Homes Initiative
- Grow Smart RI
- Groundwork Providence
- Mass Audubon
- Narragansett Bay Research Reserve
- Newport Restoration Foundation
- American Society of Landscape Architects, Rhode Island Chapter
- RI Builders Association
- RI Nursery and Landscape Association
- Save The Lakes
- Sierra Club
- U.S. Green Building Council Rhode Island Chapter
- UPP Arts
- University of Rhode Island Coastal Resources Center/SeaGrant
- Woonasquatucket River Watershed Council

URBAN WATER | PROVIDENCE, RI

2. Building Green Infrastructure into Neighborhoods and Creating Jobs



3. Building the Constituency for a Systemic Approach



4. Institutionalizing Nature Based Solutions at City and State Levels

1. Mapping Opportunities and Engaging the Community



Get involved



RI Green Infrastructure Coalition
www.greeninfrastructureri.org

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