

# Bangor's Stormwater Utility

MEREDA  
Portland Regional Chamber  
E2Tech

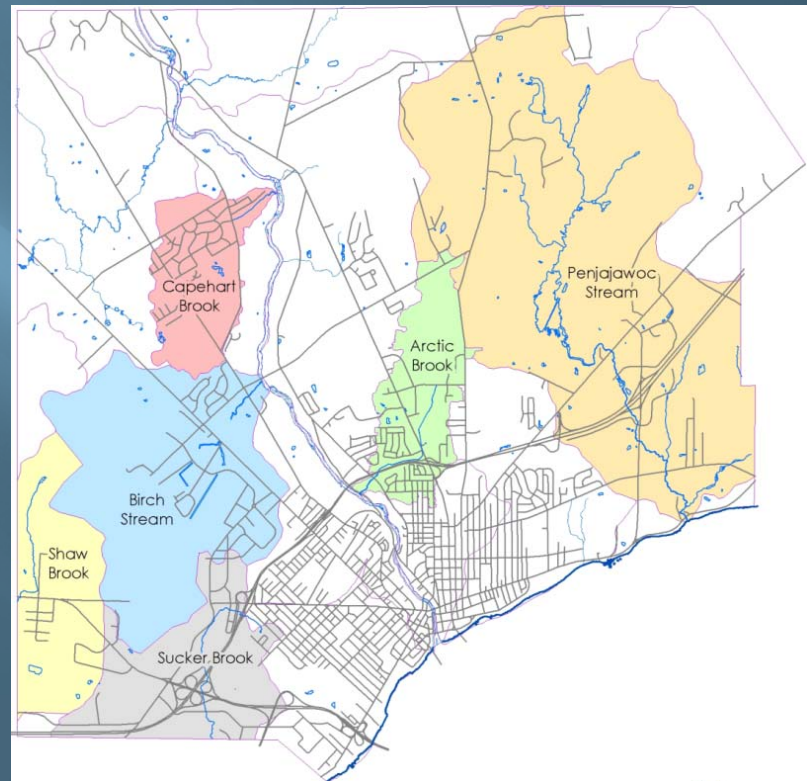
June 12, 2013

# Permit Requirements

- ▣ MS4 permit
- ▣ Impaired streams
- ▣ Municipal facilities



Spill containment, Fleet Maintenance, 2009



# Needs

- ▣ New infrastructure
- ▣ Replacement of aging infrastructure
- ▣ Maintenance
- ▣ Outreach and education
- ▣ Inspection
- ▣ Data



StormTech System, Bangor Waterfront, 2010



Catch basin cleaning crew, Bangor, 2009



# Cost

- ❑ EPA wastewater guidance
- ❑ Includes stormwater?



Dry weather outfall inspections, BASWG, 2008

# Funding Options

- ▣ Nothing
- ▣ Grants
- ▣ Property tax
- ▣ Sewer fees
- ▣ Utility



Source: EPA.gov



# Utility

- ▣ Like water or sewer fee
- ▣ Based on amount of runoff



# Utility

- ▣ Fairness
- ▣ Bangor rate

	Property Tax	Utility
Single-family home	\$83/yr	\$22/yr
Fast food restaurant (1 acre impervious)	\$700/yr	\$475/yr
Big box store (10 acres impervious)	\$5,000/yr	\$4,800/yr
College (nonprofit) (15 acres impervious)	\$0	\$7,172/yr



# Utility

- ▣ Legality
- ▣ Effectiveness
- ▣ Timeframe





# Lessons Learned

- ▣ Engage community leaders
  - Citizen Review Panel
- ▣ Transparency
- ▣ One leader
- ▣ Patience