

# **2015- 2021 STORM AND SURFACE WATER MANAGEMENT PLAN**

## **Key Issues---DRAFT**

**February 6, 2014**

### **Program management and finances**

- Given limited City resources and various State and federal mandates, how do we best prioritize the type of work we do?
  - What type of resources should we be trying to protect (e.g., instream, marine, nearshore)?
  - What tools are most effective for various objectives (e.g., education, capital facilities, regulations, incentives)?
  - What are the most important actions that we should pursue?
- Define level of service expectations and performance measures for key Utility responsibilities.
- Resolve interdepartmental coordination for LID implementation, NPDES management, street sweeping, urban forestry, lands management, etc.
- Seek to minimize potential conflicts between the regulations of the SSW program and community economic development goals
- Update and revise utility billing systems
  - Update impervious surfaces calculations for all accounts
  - Evaluate existing rate structure and potential alternatives
  - Evaluate potential financial incentives for using BMPs and reducing flows
- Understand potential long-term staffing needs
- Prepare long-term financial and rate structure

### **Regulations**

- Formalize our implementation of NPDES requirements
  - Compare NPDES requirements to our program capacity
- Comprehensively address LID use and its implementation
  - Ensure maintenance and long-term viability

### **Infrastructure Management**

- Refine the long-term approach for stormwater condition rating and asset management
- Propose an approach for the long-term management of private stormwater systems
  - Define expectation for public maintenance of private, residential facilities
  - Establish clear expectations and development standards
  - How will maintenance be accomplished?
- Provide the 6 and 20 year capital facility plan

### **Flooding**

- Respond comprehensively to threat of downtown flooding and sea level rise
  - Develop a long and even longer-term strategy
- Confirm or change the long-term approach for managing the combined SSW/WW system
  - Should we anticipate separating the combine system in order to accommodate LOTT treatment facility capacity

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#### **Water Quality**

- Better define our scope of responsibility relative to contaminant source management
- Evaluate our most appropriate best management practices
  - How do we pick and choose from the suite of options including LID, conventional, street sweeping, source control, and education
- Determine the expected extent of water quality retrofit of our streets.
  - How far should we go, what will we accomplish, what will it cost?
- Address the role and future of public education and outreach.
  - What does our program accomplish? What should be expected of it?
- Define how we will monitor our water quality and improvements to it.

#### **Aquatic Habitat**

- Define the role of the Utility in natural resource management relative to others departments, community groups (e.g. forestry, marine waters, critical area management, tree canopy, contaminated sediments)
- Implementation of the habitat stewardship strategy