



# Stormwater in Massachusetts

U.S. EPA MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) 2014 DRAFT PERMIT



## DRAFT PERMIT AT-A-GLANCE

- ✓ Stormwater is the number 1 cause of water quality impairments in Massachusetts
- ✓ This draft permit is proposed to replace the 2003 MS4 permit
- ✓ 5 Year permit term
- ✓ Covers 263 municipalities in Massachusetts plus state and federal facilities
- ✓ Permit contains no end-of-pipe limits
- ✓ **No retrofits required during the permit term**

## FLEXIBILITY

This draft permit has the same 6 minimum control measures as the 2003 MA MS4 permit

This draft permit has more direction and anticipated end-points, but still allows flexibility in planning and prioritizing

## THIS PERMIT ALLOWS:

- **Permittee to prioritize** catch basin inspection and cleaning based on their knowledge of the system
- **Credit for past work**, tailor their inspection priorities and up to **10 yrs** to complete illicit discharge requirements
- **Allows 1 yr to update** from 2003 Stormwater Management Plan

## POST-CONSTRUCTION

- ▶ Routine road maintenance and paving will never trigger post-construction requirements
- ▶ There are no retrofits required during the permit term
- ▶ The most costeffective way to treat stormwater is during new and redevelopment opportunities

\*In response to constructive comments, the final permit will more closely follow Massachusetts Stormwater Standards

# INCREMENTAL COSTS

- incremental cost increase of between **\$15,000 and \$180,000 per year for the permit term**
- **average of 20% increase** above compliance with the 2003 permit
- increased cost primarily associated with IDDE program implementation



## COST BREAKDOWN

**40%**

of program funding is assumed to be used for street sweeping and catch basin cleaning

**30%**

of program funding is assumed to be used for engineering and system operation and maintenance

**18%**

of program funding is assumed to be used for planning, public education and other administrative requirements

**12%**

of program funding is assumed to be used to track and remove illicit connections to the storm sewer (removing sanitary sewage from stormwater systems)

## TRAINING AND TOOLS

EPA is creating multiple tools to assist permittees with stormwater management and reduce administrative burden.

### **BMP Optimization Tool:**

Tool to help municipalities prioritize green infrastructure projects

### **BMP Accounting & Tracking Tool:**

Calculates and tracks pollution removal and generates reporting forms

### **Training sessions and workshops held by EPA:**

To assist in permit compliance upon final permit release

### **Spreadsheet templates:**

For illicit discharge and elimination requirements that can be attached to annual reports

### **Pre-populated Annual Reports:**

Based on each permittee's Notice of Intent