



Stormwater in Massachusetts

U.S. EPA MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) 2016 PERMIT



PERMIT AT-A-GLANCE

- ✓ Stormwater is the number 1 cause of water quality impairments in Massachusetts
- ✓ A Notice of Intent (NOI) to apply for coverage under the permit will be due September 29, 2017
- ✓ 5 Year permit term
- ✓ Covers 260 municipalities in Massachusetts plus state and federal facilities
- ✓ Permit contains no end-of-pipe limits
- ✓ **No retrofits required during the permit term**

FLEXIBILITY

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

Permit will become effective July 1, 2017

This 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 cost effective way to treat stormwater is during new and redevelopment opportunities

*In response to constructive comments, the final permit incorporates many of the Massachusetts Stormwater Standards

INCREMENTAL COSTS

- incremental cost increase of between **\$9,000 and over \$200,000 per year for the permit term**
- increased cost primarily associated with IDDE program implementation



COST BREAKDOWN

50%

of program funding is assumed to be used for system operations and maintenance (street sweeping and catch basin cleaning)

30%

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

20%

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

TRAINING AND TOOLS

EPA and Mass DEP will provide multiple tools to assist permittees with stormwater management and reduce the administrative burden.

BMP Optimization, Accounting & Tracking Tools

Prioritize green infrastructure projects & track and report pollution removal

Contractor Supported Training

As well as EPA sponsored workshops/webinars for new permittees and IDDE Planning

MA DEP Templates

To assist in public education & outreach requirement and will be available through the MA DEP municipal assistance website

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*