



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