



Stormwater in Massachusetts

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



PERMIT AT-A-GLANCE

- ✓ Stormwater is the # 1 cause of water quality impairments in MA
- ✓ The new permit replaces the single 2003 permit that covered MA & NH
- ✓ 5 Year permit term
- ✓ Permit may cover 260 municipalities in MA
- ✓ Permit contains no end-of-pipe limits
- ✓ Addresses nutrient and flooding issues across MA

MS4 PERMIT FLEXIBILITY

- The new permit has the same 6 minimum control measures as the 2003 MS4 permit
- The 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 years** to complete illicit discharge requirements
- **Allows 1 year 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

\$ COST BREAKDOWN

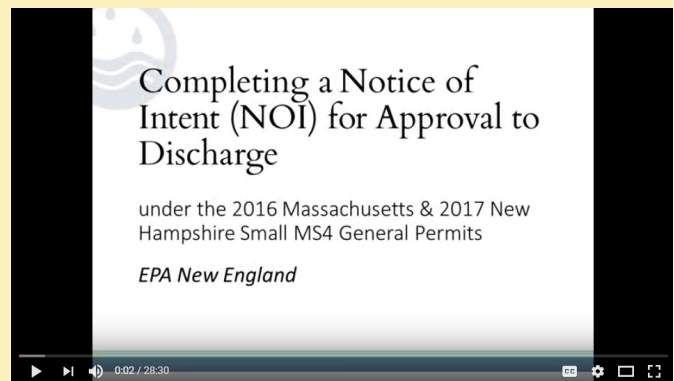
- 50%** of program funding is assumed to be used for system operations and maintenance (street sweeping and catch basin cleaning)
- 30%** of program funding is assumed to be used to track and remove illicit connections to the storm sewer (removing sanitary sewage from stormwater systems)
- 20%** of program funding is assumed to be used for planning, public education and other administrative requirements

TRAINING AND TOOLS

<https://go.usa.gov/xQNsv>

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

(At right) Notice of Intent instructional video.



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

Templates

Work with MassDEP to produce templates for public education and outreach requirements

Stormwater Management Plan Template

To assist permittees in developing a comprehensive stormwater management plan consistent with permit requirements

Pre-populated Annual Reports

Based on each permittee's *Notice of Intent*