

What is MS4?

MS4 – Municipal Separate Storm Sewer Systems

Ruling by the U.S. Environmental Protection Agency (EPA) to regulate polluted stormwater discharges associated with storm sewer systems



Contact Us

Connecticut Department of Transportation
Office of Environmental Planning and
Office of Environmental Compliance

Visit us on the Web:
www.ct.gov/dot/CTDOT-MS4

DOT MS4 Permit

Connecticut Department of Transportation



The DOT MS4 Permit will be implemented on **July 1, 2019**

How will the MS4 Permit affect DOT Construction Projects?

- More projects will implement **Low Impact Development (LID)** measures to reduce impervious area
 - Rain gardens and infiltration trenches are some examples of LID measures
- **Illicit Discharges** will need to be reported under the Illicit Discharge Detection and Elimination (IDDE) requirement
 - Illicit Discharge refers to any pollutant that is released into the storm sewer system
 - Watch for discoloration in the water or odors
 - Report to:
DOT.MS4@CT.GOV

Stormwater Pollutants of Concern

The DOT MS4 Permit focuses on the following **stormwater pollutants of concern** for impaired waters:

- Nitrogen
- Phosphorus
- Bacteria
- Mercury

Maintaining good **Erosion and Sedimentation (E&S)** controls will be critically important on projects involving impaired waters

The four stormwater pollutants of concern listed above can enter the storm sewer system or waterways via contaminated sediment from construction projects.

USGS Outfall Monitoring

Automatic water sampling equipment will be deployed at nine outfalls throughout the state to monitor water quality and will be used to model where Stormwater BMP's will be most effective.

Impaired waters will be regularly monitored for stormwater pollutants of concern.

