


MS4 Stormwater Permit Awareness

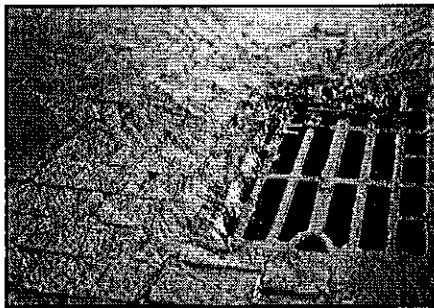
April 2, 2019
Gretchen Anderson
Environmental & Sustainability
Coordinator



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What is Stormwater?

Stormwater is precipitation or melted snow flowing over the land ...plus anything carried along with it.





FOLLOW THE FLOW Where does water go?

Not all water that falls on your property soaks into the ground. As water flows off your property, it can wash pollutants such as soil, lawn chemicals and car waste into where we fish, what we drink and where we swim.

It's up to all of us to protect our local rivers, lakes and bay from polluted runoff.

Learn how at
www.ThinkBlueMaine.org




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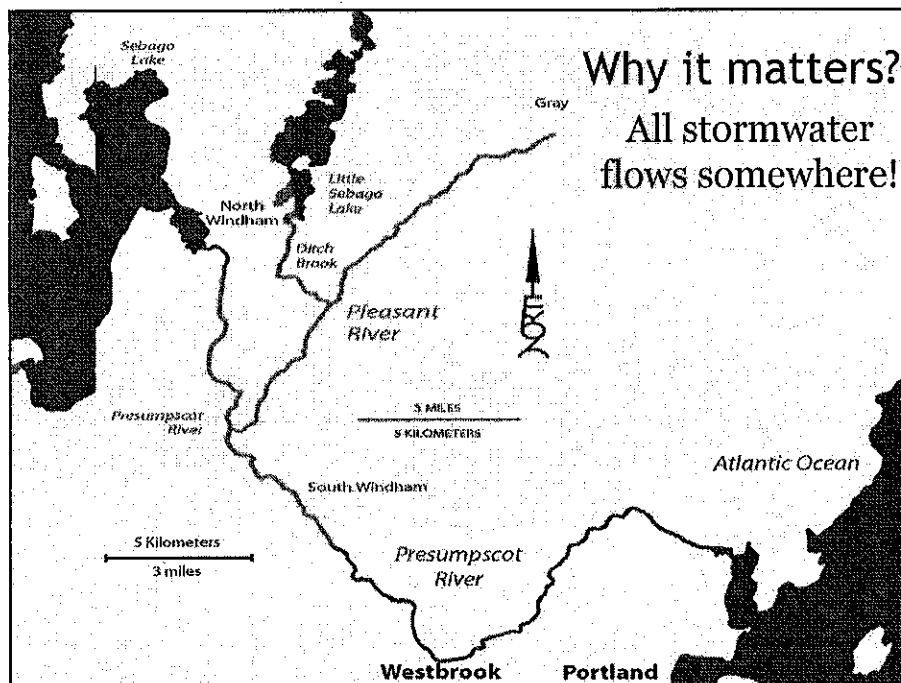
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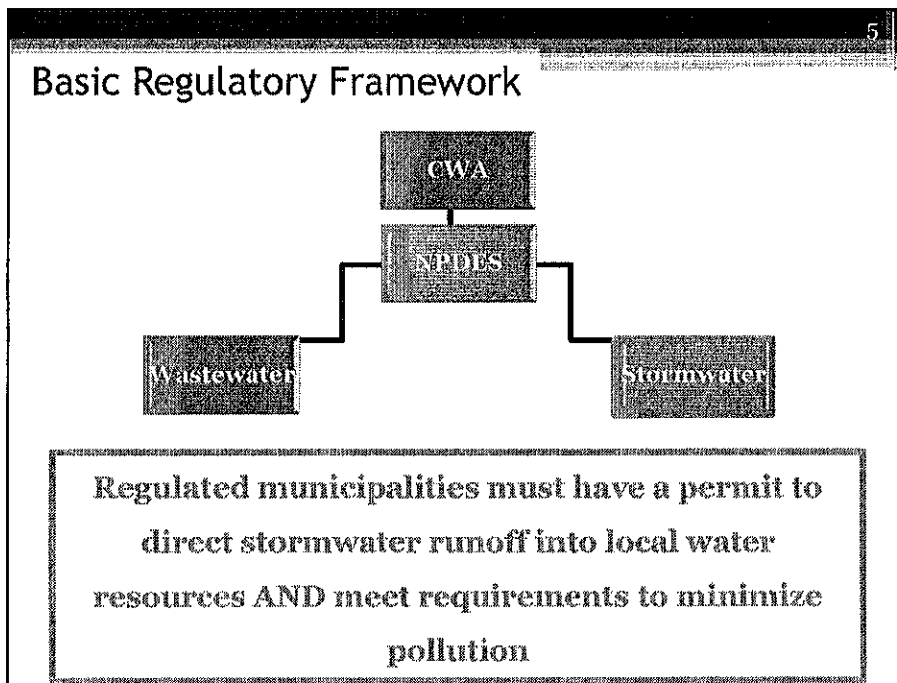
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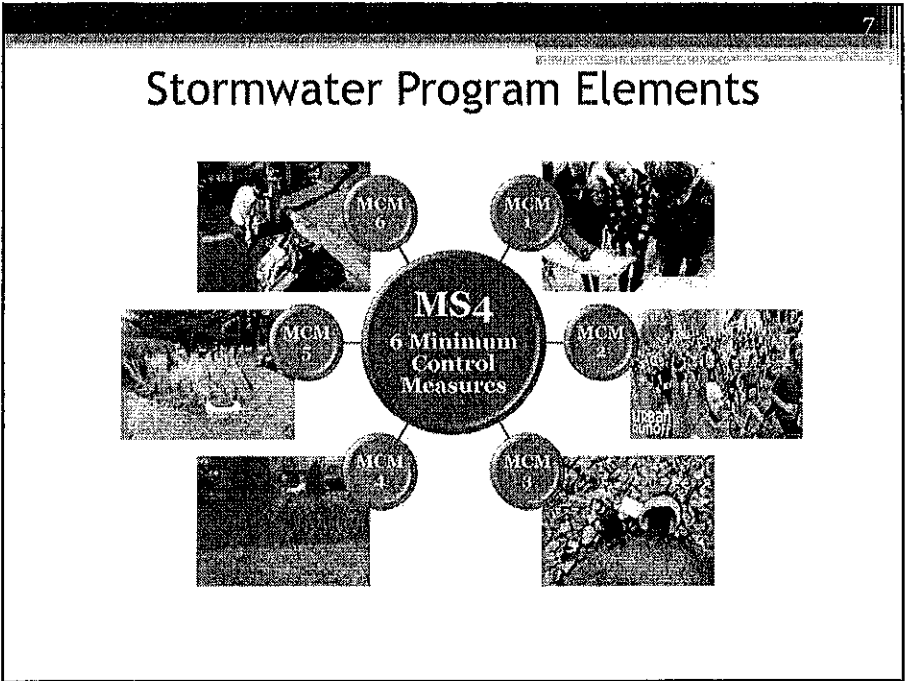
Basic Regulatory Framework

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graph TD
    CWA[CWA] --> NPDES[NPDES]
    NPDES --> Stormwater[Stormwater]
  
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- ♦ 5 year permit cycles - 1st permit issued in 2003
- ♦ Additional regulations in each new permit cycle
- ♦ DEP administers Maine's permit
- ♦ Each regulated community must develop and submit a Stormwater Plan consistent with the permit
- ♦ Next permit due in July 2020

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Minimum Control Measure #1

Public Education and Outreach

Educate the public and municipal staff and officials about polluted runoff and how to reduce pollution.

Three photographs illustrating public education and outreach activities. The first photo shows a group of people in a classroom setting, likely attending a presentation or training. The second photo shows a large, dark, polluted stormwater structure. The third photo shows a person working on a stormwater structure, possibly a stormwater pipe or culvert.



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Minimum Control Measure #2

Public Participation

Provide the public an opportunity to participate in Windham's stormwater program.







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Minimum Control Measure #3

Illicit Discharge Detection & Elimination

Identify and eliminate sources of pollution. Carry out long-term maintenance and mapping of all stormwater infrastructure




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Minimum Control Measure #4

Construction Site Runoff Control

Ensure that construction runoff on both public and private property does not impact water resources.



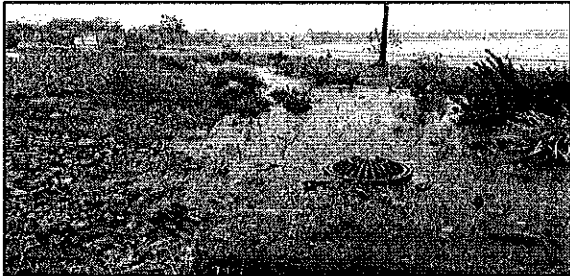
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Minimum Control Measure #5

Stormwater Management after Construction

Implement new development and redevelopment stormwater ordinances; encourage developers to use techniques to reduce impact of development on water resources.



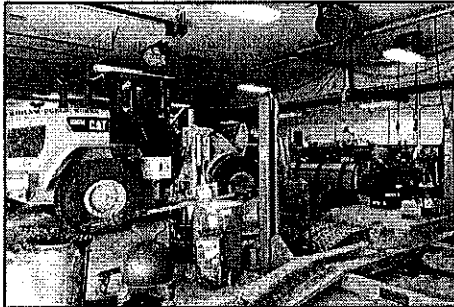
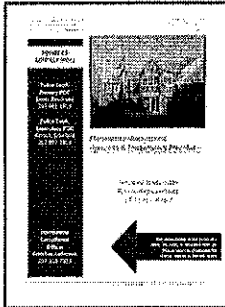
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Minimum Control Measure #6

Good Housekeeping & Pollution Prevention

Prevent pollution from municipal operations and facilities;
educate municipal staff about practices to reduce polluted runoff.




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Increased Permit Requirements

DEP Stakeholder Process = ongoing
May/June 2019 – draft permit issued for public comment

- **Remand Rule**
- **Impaired waters**
- **MCM1: Public Education & Outreach**
 - New education and outreach
- **MCM3: IDDE Additional activities related to**
 - Wet weather assessments
 - Dry weather sampling at steady flow outfalls
 - ID elimination timelines

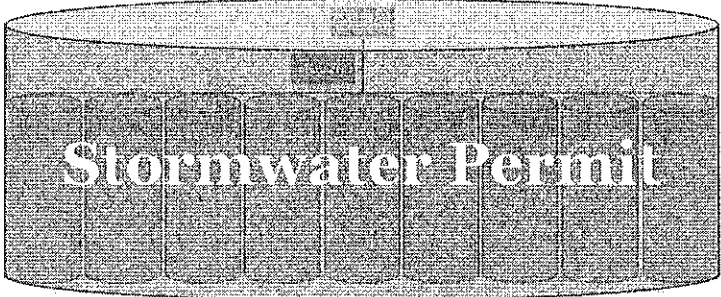


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Interdepartmental Coordination is Key

Need to work outside of “silos” to collectively meet permit requirements & promote local water resource protection efforts




Stormwater Permit

Permit affects most aspects of local government and highlights **importance of interdepartmental collaboration for shared compliance responsibilities**

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Questions / Discussion



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Highland Lake Leadership Team 2019 Septic System Survey - Draft



Sources:
Maine Office of GIS
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Date: April 2019
www.windhammaine.us