Overview of MS4
Storm Water Permits

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Topics for Today

• Brief overview of the MS4 permit program

• Current status of MS4 permitting in Wisconsin

• Summary of the MS4 general permits and requirements
What is an MS4?

Municipal Separate Storm Sewer System or MS4
Brief Overview of MS4 Permit Program

- Storm water permits required under Federal Clean Water Act and state law
- MS4s regulated under Subchapter I of NR 216
- Performance standards in Subchapter III of NR 151 implemented through permit program
- DNR has issued both individual and general storm water permits to cover MS4s
Current Status of MS4 Permitting

- **“Phase I”: Municipalities >100,000 population**
  - Milwaukee and Madison covered by individual permits since mid-1990s

- **“Phase II”: Small MS4s**
  - 74 covered by individual permits
  - 142 covered by General Permit No. WI-S050075-2

- Implementation of General Permit No. WI-S050181-1 is a continuation of permitting small MS4s
• May 2014 – Existing MS4 general permittees covered under WI-S050075-2

• October 2014 – 33 municipalities notified to apply (Notice of Intent or NOI) for coverage under WI-S050181-1

• January 2015 – NOIs were due; those received posted on the [DNR's MS4 webpage](#)

• DNR in process of evaluating NOIs, anticipates conferring coverage within coming weeks
MS4 general permits & requirements

- DNR using general permit approach for many MS4s

- Six minimum control measures
  - Public Education and Outreach
  - Public Involvement and Participation
  - Illicit Discharge Detection and Elimination
  - Construction Site Pollutant Control
  - Post-Construction Storm Water Management
  - Pollution Prevention

- Storm sewer system map
• **Storm Water Quality Management**
  - Develop and implement a municipal storm water management program to achieve compliance with the developed urban area performance standard of NR 151.13(2)(b)1.

• **Schedule for meeting TMDL implementation provisions based on when TMDL approved**

• **Compliance Schedule**
  - Specific permit conditions to be met according to the compliance schedule
  - Permittee submits proposed programs required under the permit to the DNR for review
  - DNR reviews programs prior to implementation to verify compliance with the requirements of this permit
• Storm water staff:

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• Urban Financial Assistance

• Total Maximum Daily Loads
  http://dnr.wi.gov/topic/TMDLs/