

Storm Water  
MS4 Permit Workshop  
Wednesday, March 16, 2011

Name \_\_\_\_\_

Title \_\_\_\_\_

Company/Agency \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

**Fee: \$75.00...includes refreshments, lunch & workshop binder**

Add \$10.00 late fee after March 8

Check enclosed payable to: "Waukesha County"

Charge to the following account:

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Signature \_\_\_\_\_

Fax to: 262-896-8298 or

Mail to: Waukesha County Dept of Parks & Land Use

Land Resources Division

515 W. Moreland Blvd., Rm # AC260

Waukesha WI 53188

Any questions call Marcia Bufton, Waukesha County Parks & Land Use, @262-896-8302. Please advise if you need special accommodations. One week cancellation policy (\$10 admin. fee).

**Seating is limited.  
Register Early!**

Waukesha County Dept of Parks & Land Use  
Land Resources Division  
515 W. Moreland Blvd - Rm 260  
Waukesha WI 53188

*Waukesha County - 2011*

**Storm Water  
MS4 Permit Workshop**



*Permit compliance, program funding, regulations, enforcement, BMP tracking*

**Wednesday, March 16  
7:30 am - 4:00 pm**

**Location: Ruekert & Mielke Bldg.  
W233N2080 Ridgeview Pkwy  
(Hwy F just north of I-94), Pewaukee**

## Workshop Description

The majority of communities in Waukesha County and SE Wisconsin have been issued a Municipal Separate Storm Sewer System (MS4) pollutant discharge elimination system permit by the DNR. These permits regulate water pollution coming from the community as a whole, not just new construction sites. Depending on your community, the MS4 permit may be at various stages of implementation, impact several municipal departments and carry significant compliance costs. There are usually many different ways to demonstrate annual progress and compliance.

This workshop will review the status of MS4 permit activities around the county and SE Wisconsin, how communities are complying, how Storm Water Utility Districts are being used as a tool, and how construction site storm water permit enforcement play a key role in MS4 compliance. We will also review some of the new program rules related to MS4 permits and construction site storm water permit standards under NR 151. We will review the technical elements involved in wetland delineations and their impacts on storm water BMP design and maintenance activities. We will also show a unique county Internet application designed to allow communities to enter BMP design & as-built data, maintenance agreements and track maintenance and enforcement, which may be required to take BMP pollutant removal credits in an MS4 permit.

Experienced presenters will review and use local case studies and experiences. They will discuss common mistakes and lessons learned in the process. Plenty of time is reserved to answer audience questions in each session.

## Who Should Attend?

Community planners, engineers, administrators, board members, public works staff and consultants that work on MS4 permit compliance work.

## Presenters

- County, DNR and Community staff
- Don Reed, PhD, SEWRPC (wetlands)
- Consulting staff that have helped communities

# AGENDA

### 7:30 Registration & Refreshments

### 8:00 MS4 Permit Compliance Overview

- Review of MS4 compliance in SE WI
- Status of local SW/MS4 programs
- NR 151 updates on community permits
- Progress toward 40% TSS standard
- Community examples of BMP retrofits, testing and other compliance steps

### 9:30 Break & Refreshments

### 9:30 Storm Water Utility Districts

- Who's got them in SE WI?
- Comparison of programs, billing methods, credits & politics
- Local experiences (good/bad) & lessons learned in setting one up
- Public input, education, & perceptions
- Role in MS4 permit compliance

### 10:40 Storm Water Permit Enforcement Methods & Experiences

- DNR, County & Community perspectives - what works & doesn't
- Enforcement strategies & procedures
- Making it stick in court if needed
- Local examples and lessons learned
- Services, contracts & average costs

### 12:00 Lunch

- Buffet served on site (included)

### 12:45 NR 151 Updates - Construction Sites

- Updates to DNR nonpoint performance standards for storm water / construction
- How the updates will effect local programs and ordinances
- Impacts on road projects & MS4 permits

### 1:15 Wetlands - A Technical Overview

- Review the major wetland indicators (soils, plants & hydrology) & how they apply
- The wetland delineation process
- Communities role in wetland delineations and wetland permits

### 2:15 Break

### 2:45 Wetlands & MS4 (continued)

- DNR overview and case studies on applying NR 103 and Chapter 30 regulations to storm water BMP design, maintenance and MS4 compliance activities.

### 3:00 County On-line SW BMP Database

- Explain database Internet & login access, GIS tracking, linking & uploading BMP design & as-built data, photos, maintenance agreements & maintenance note tracking notes

### 4:00 Adjourn

*Workshop  
Co-sponsors:*



- Waukesha County Dept. of Parks & Land Use - Land Resources Division
- Wisconsin Dept. of Natural Resources
- MS4 Community partners in Waukesha County