



Webinar Announcement

Stormwater & Watershed Solutions

12:00 Noon to 2:00 pm
Tuesday, November 15, 2016

The CSWEA-Wisconsin Watershed and Stormwater Committee, Marquette University, and the University of Wisconsin-Milwaukee Continuing Education Department sponsor a **FREE** Webinar offering examples of watershed based solutions and updates on regulations impacting MS4s and Water Resource Recovery Facilities.

The following topics will be covered. See Page 2 for detailed descriptions:

- ✚ Wisconsin Site Specific Criteria Update
- ✚ MS4 Remand Rule Update
- ✚ Bee Branch Creek Restoration
- ✚ Adaptive Implementation, Biodiversity and TMDLs

A webinar link will be emailed after registering. Participate in person on the sixth floor at the Global Water Center. Space at the Global Water Center is limited to 30. Lunch is on your own. There are nearby restaurants and a coffee counter in the Global Water Center.

Global Water Center
247 West Freshwater Way
Milwaukee, WI 53204

The CSWEA---Wisconsin November Business Meeting will take place in the same location at 2:30 PM for those who wish to participate. All are welcome and encouraged to attend!

Direct questions to Glenn Tranowski: 608-251-4843 glenn.tranowski@strand.com

Wisconsin Site Specific Criteria Update

Presented by Kristi Manahan, Water Quality Standards Specialist, Wisconsin Department of Natural Resources and Tyler Linton, Ph.D., Great Lakes Environmental Center, Inc.

- ✦ The WDNR is in the process of setting standard protocols for developing Site Specific Criteria for Phosphorus. A stakeholder advisory committee is providing comments to the proposed regulations. The presentation will provide an update on the status of the regulations and provide examples of possible Site Specific Criteria outcomes for dischargers.

MS4 Remand Rule Update

Presented by Chris French, Director of Stormwater Programs, Water Environment Federation

- ✦ Chris will provide an update on the MS4 Remand Rule. The proposed rule is the result of a settlement approved by the Ninth Circuit U.S. Court of Appeals with the Natural Resources Defense Council and the Environmental Defense Center Inc. The settlement requires EPA to revise its MS4 Phase II permits, which affects small communities with populations below 100,000. The agency is expected to issue a final MS4 rule by Nov. 17, 2016.
- ✦ Chris will provide background on the Remand Rule, highlight the Water Environment Federation's comments on the draft Rule, and discuss WEF's upcoming efforts to communicate with the stormwater community how the Rule might affect them.

Bee Branch Creek Restoration

Presented by Eric Vieth, P.E., Strand Associates, Inc

- ✦ The Bee Branch Creek Watershed has a drainage area of 7.1 square miles and is located in the north central portion of the city of Dubuque. The historic Bee Branch Creek was enclosed within a large diameter storm sewer trunk line in the early 1900s to accommodate rapid urbanization. This watershed includes the city's most developed areas where more than 50 percent of Dubuque residents either live or work. Inadequate capacity of this trunk line resulted in severe flooding of more than 1,100 residential and commercial properties within the city.
- ✦ The Bee Branch solution restored the enclosed stream to an urban waterway and today is touted by the City as a "*fiscally responsible investment to mitigate flooding, improve water quality, stimulate investment, and enhance quality of life within the Bee Branch Watershed.*"
- ✦ The presentation will highlight water quality improvements including the installation of 2,500 feet of pervious roadway, 50 pervious parking stalls, 4 hydrodynamic stormwater separators, 5 bioinfiltration basins, cascade aeration features, and reuse of noncontact cooling water for irrigation source water. The channel corridor provides linear community space that encompasses an extension of the regional Heritage Trail, a pedestrian bridge, information/educational kiosks, overlooks, an amphitheater, orchard, benches, lighting, and 1,000 new trees.

Adaptive Implementation, Biodiversity and TMDLs

Presented by Stephen McCracken of The Conservation Foundation and the DuPage River Salt Creek Workgroup

- ✦ Stephen will provide a presentation on how the DuPage River Salt Creek Workgroup has implemented alternative approaches to negotiate compliance schedules for DO, NH₃-N, and TP in lieu of the IEPA immediately imposing numeric limits in permits based on the TMDLs.