Webinar Announcement

Identifying and Addressing Watershed Water Quality Challenges

12:00 Noon to 1:30 pm
Thursday, November 15, 2018

Please join CSWEA-Wisconsin Watershed and Stormwater Committee and Marquette University for a **FREE Webinar** offering examples of WEF, regulatory agencies, wastewater utilities, and counties leading efforts to address the water quality challenges our communities face. Advanced registration required.

Register online by November 13 here.

Presentations will cover the following topics. See Page 2 for detailed descriptions:

- WEF Stormwater Institute Initiatives with Congress and Regulatory Engagement
- Wisconsin Department of Natural Resources Update on the Upper Fox-Wolf and Wisconsin River TMDLs
- Milwaukee Metropolitan Sewerage District and Southeastern Wisconsin Watersheds Trust: TMDL Implementation Plan Development for Bacteria, TSS, Phosphorus (and More!)
- Dane County Legacy Sediment Dredging to Protect Lake Mendota from Excess Phosphorus

A webinar link will be emailed prior to the webinar for those who register. Participate in-person at the Global Water Center, sixth floor (no advanced registration required, however space at the Global Water Center is limited to 30). Lunch is not provided; please bring 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

Direct questions to Mark Mittag: 414-225-2147, mmittag@mmsd.com

Presentation Topics

WEF Stormwater Institute Initiatives with Congress and Regulatory Engagement

Seth Brown/Storm & Stream Solutions/WEF Director of Stormwater Programs

Seth Brown, WEF Director of Stormwater Programs, will provide an update of WEF Stormwater Institute activities and initiatives. This will include a summary of the recent National Municipal Storm Sewer System (MS4) Needs Assessment Survey, national trends for stormwater management, initiatives for stormwater system funding and the results of a recent discussion at the WEFTEC conference by varied professionals and regulators regarding the State and Future of Stormwater.

WDNR Update on the Upper Fox-Wolf and Wisconsin River TMDLs

Kevin Kirsch/WDNR

The DNR, together with many partners throughout the watersheds, are working to improve the water quality of the Upper Fox-Wolf Rivers Basins and the Wisconsin River as well as their reservoirs and tributaries. These two Total Maximum Daily Load (TMDL) studies and implementation plans will provide a strategic framework and prioritize resources for water quality improvement in these watersheds.

The Upper Fox and Wolf River Basins TMDL study area spans Wisconsin's east central corridor from the headwaters in Forest County and the City of Portage to Lake Winnebago. All the surface water drainage to Lake Winnebago is contained within these two basins. The Wisconsin River TMDL study area spans Wisconsin's central corridor from the headwaters in Vilas County to Lake Wisconsin in Columbia County.

This presentation will provide an update on the status of these two TMDLs.

Milwaukee Metropolitan Sewerage District and Southeastern Wisconsin Watersheds Trust: TMDL Implementation Plan Development for Bacteria, TSS, Phosphorus (and More!)

Susan Coyle/Milwaukee MSD, Brandon Koltz/Brandon Koltz Water & Environmental Consulting LLC

The Milwaukee River TMDL for bacteria, phosphorus, and TSS was adopted by EPA and WDNR in 2018. The Milwaukee Metropolitan Sewerage District (MMSD) and the Southeastern Wisconsin Watersheds Trust (Sweet Water) with the Midwest Biodiversity Institute are actively working on a Water Quality Improvement Plan (WQIP). The WQIP will include a watershed monitoring plan for habitat, chemical, and biological parameters in an adaptive management approach to TMDL implementation that understands biological metric implications to habitat improvements. Sweet Water has advanced additional analysis to identify bacteria source hot spots in an effort to develop strategic control strategies. This presentation will provide an update on the development of these plans

Dane County Legacy Sediment Dredging to Protect Lake Mendota from Excess Phosphorus

Jon Lindert/Strand

This talk will focus on the design of the first 2.6 miles of the County's proposed 33 miles of legacy sediment removal (also known as Dane County's "Suck the Muck" initiative) in creeks leading into the Yahara Lakes system. This first project will remove more than 23,000 cubic yards of phosphorus-laden sediment from Dorn Creek in 2018 to protect Lake Mendota and downstream waters. Removal of this sediment will address the ongoing leaching of phosphorus that contributes to algae blooms and water quality degradation in Lake Mendota. The project is complementary to the Yahara WINs watershed adaptive management program administered by the Madison Metropolitan Sewerage District that seeks compliance with the Rock River Basin TMDL.