



2010 WSPE Discovery Conference

Water, A Resource Worth Discovering

Thursday, April 22, 2010

Olympia Resort, Oconomowoc



Registration / Continental Breakfast

7:30 AM to 8:30 AM

Welcome

8:30 AM to 8:40 AM

Keynote: Water: Milwaukee's Goldmine

8:40 AM to 9:40 AM

Richard A. Meeusen, Chairman of the Board, President and Chief Executive Officer

Badger Meter, Inc.

Mr. Meeusen will discuss the world water situation and the efforts of the Milwaukee 7 Water Council to help transform Southeastern Wisconsin into the "Silicon Valley of Water Technology."

Session No. 1: Water Resources Planning In SE Wisconsin

9:40 AM to 10:40 AM

Michael G. Hahn, P.E., Chief Environmental Engineer Southeastern WI Regional Planning Commission

This presentation will provide an overview of the recommendations of the recently-completed regional water quality management plan update for the greater Milwaukee watersheds, including the Kinnickinnic, Menomonee, Milwaukee, and Root River watersheds, the Oak Creek watershed, the Milwaukee Harbor estuary, and the nearshore Lake Michigan area. The ongoing implementation process will be described.

The presentation will also address the regional water supply planning program, including background conditions in southeastern Wisconsin relating to groundwater and surface water sources and issues. A summary of the plan year 2035 alternative water supply plan components considered and evaluated will be provided along with the elements included in the preliminary recommended water supply plan. The

groundwater impacts and related environmental considerations leading up to selecting the preliminary recommended plan will be presented.

Morning Break

10:40 AM to 11:00 AM

Session No. 2: The Great Lakes Water Resource Compact

11:00 AM to 12:00

Edward F. Glatfelter, Water Conservation Program Director

Alliance for the Great Lakes

Mr. Glatfelter will present a discussion about: why there is a Great Lakes Water Resources Compact; its two primary purposes: prohibiting diversions and water conservation; the limited exceptions to no diversions; how the exceptions apply to New Berlin and Waukesha; how the diversion prohibition could apply far from the major lakes; the status of Compact implementation in Wisconsin, including: why rules and regulations for process and water conservation are not in place and why Wisconsin DNR is proceeding without them.

Lunch

12:00 to 12:30 PM

Lunch Speakers: Continuing Education & WI Licensure Law Changes

12:30 PM to 1:30 PM

Brad B. Volker, P.E.

Cooper Engineering

& Glen Schwalbach, P.E., Energy Consultant

Mr. Volker will provide an update on the new mandatory requirements for continuing education (AB 187 & WI Act 47). Mr. Schwalbach will discuss licensure law changes for registered engineers in the State of Wisconsin.



Session No. 3: Case Studies: City of New Berlin & City of Waukesha Lake Michigan Water Diversions
1:45 PM to 2:45 PM

*Steven H. Schultz, P.E., Dept. Head Water Supply & Wastewater Treatment
Ruekert Mielke, Inc.
& Daniel S. Duchniak, General Manager
City of Waukesha Water Utility*

Case Study: New Berlin's Straddling Community Diversion. This case study will focus on the 10 year process New Berlin went through to address their water supply issues. Much has been publicized regarding Radium in drinking water in New Berlin, but the issue has it's roots in other water quantity and quality concerns as well. During the process, obstacle after obstacle required the City to reevaluate their approach to their issues while at the same time dealing with regional and international politics, socio-economics, and engineering challenges. While engineering is often straightforward, the ancillary issues can often affect the outcome of sound engineering judgment. The interconnection of these issues and how they were resolved is the basis for the case study.

Case Study: Dan Duchniak will discuss the City of Waukesha's draft application to the DNR to become the first community outside of the Great Lakes Basin to request a diversion of water out of the basin.

Session No. 4: The Aquatic Invasive Species Partnership in Wisconsin
2:45 PM to 3:45 PM

*Robert Wakeman, Aquatic Invasive Species Statewide Coordinator
Wisconsin Dept. of Natural Resources*

Bob Wakeman has recently become the Aquatic Invasive Species Coordinator for the Wisconsin Department of

Natural Resources. His earlier positions as a Water Resource Manager, Lake Management Specialist, and Aquatic Habitat Coordinator enable Bob to draw from a broad spectrum of experiences to guide the growth of this statewide program.

Bob is a strong proponent of partnerships in managing environmental issues. Without assistance from the public, local governments, consultants and environmental organizations the protection of our states water resources from aquatic invasive species will be nearly impossible. Awareness is critical and Bob looks for opportunities to provide information on aquatic invasive species to a wide spectrum of audiences.

Description: The Aquatic Invasive Species Partnership in Wisconsin is multi-layered. It utilizes education, enforcement, grants and a growing body of science both biological and marketing to achieve a change in people's behavior. This presentation will introduce you to the AIS Partnership in Wisconsin, recent initiatives and past successes.

Afternoon Break
3:45 PM to 4:00 PM

WSPE State Meeting
4:00 PM to 5:00 PM

All members are invited to attend the WSPE Annual Meeting. Your input and feedback are important to the future of this organization. Please join us.

Past President's Reception
5:00 PM to 6:30 PM

Cash Bar with Complimentary Hors d'oeuvres

GENERAL INFORMATION

Hotel: Olympia Resort & Conference Center
1350 Royale Mile Road
Oconomowoc, WI 53066

Call before March 21, 2010 and ask for WSPE rate.

www.olympiaresort.com

Conference dress is business casual.

Professional Development Hours (PDHs) Available

\$89/Night Double Occupancy

\$99/Night Triple/Quadruple Occupancy

2010 WSPE Discovery Conference Registration Form

Registration Information

- \$50 WSPE Member (education sessions, breakfast, lunch & break snacks)
- \$55 Non-Member (education sessions, breakfast, lunch & break snacks)
- \$40 Student* (education sessions, breakfast, lunch & break snacks)
- \$100 Corporate Sponsorship (includes company logo on sponsorship poster and inclusion on handout) – **RSVP required by March 31, 2010.**
- \$200 Exhibitor Table (includes Corporate Sponsorship benefits, an 8' display table, and registration for one person for the education sessions, breakfast, lunch & breaks) – **RSVP required by March 31, 2010. Space is limited.**
- Will Attend Past President's Reception (no charge to conference registrants)

Attendee Information

Name: _____

Spouse/Guest Name: _____

*Advisor's Name (students only): _____

Company/School: _____

Address: _____

City: _____ State: _____ Zip: _____

E-mail (so we can send you a confirmation): _____

Day Phone: _____ Fax: _____

Payment Information

Check (Payable to: WSPE) Enclosed \$ _____

Credit Card Number: _____

Name on Card: _____

Exp. Date: _____

Security code on back of card: _____

Amount to be charged to Credit Card \$ _____

**Mail completed form with payment by
Friday, April 9, 2010 to:**

James A. Buggs, P.E.
WSPE Treasurer
P.O. Box 430
Pewaukee, WI 53072-0430

Register Online: <http://www.wspe.org/>

(Or Fax Form To: 414-454-8729
(Attn: James Buggs)

Or E-mail To:
james.buggs@ch2m.com