DIRECTIONS

From Milwaukee
Hwy 41N to Exit 119 Oshkosh Ave/Congress Ave/Hwy 21. Turn right on Hwy 21. Cross the Fox River, turn right on High Ave. Continue on High Ave, then right on Osceola St, then left on Pearl Ave.

From Green Bay & Appleton
Hwy 41S to Exit 119 Oshkosh Ave/Congress Ave/Hwy 21. Turn right on Hwy 21. Cross the Fox River, turn right on High Ave. Continue on High Ave, then right on Osceola St, then left on Pearl Ave.

From Madison
Hwy 151 N to Hwy 26. Follow Hwy 26 to Hwy 41. Take Hwy 41 N to Exit 119 Oshkosh Ave/Congress Ave/Hwy 21. Turn right on Hwy 21. Cross the Fox River, turn right on High Ave. Continue on High Ave, then right on Osceola St, then left on Pearl Ave.
SEMINAR INFO

This seminar provides an overview and update of current issues for individuals involved with pretreatment programs or dealing with pretreatment concerns. A wide array of pretreatment issues will be presented by recognized experts. This seminar provides 6 WI DNR CEUs.

DATE: Tuesday, August 14, 2018

FEE: $90 registration. (Fee includes program materials, breaks, breakfast, and lunch.) Student registration $40.

WHERE: University of Wisconsin - Oshkosh Alumni Welcome and Conference Center

AGENDA

7:30 - 8:30 am Registration/Breakfast and Welcome/Openning Remarks
Jay Kemp (WI Industrial Waste Committee Chair)

8:30 - 9:15 am DNR Update 2018
Bob Liska (WDNR)
The presentation will discuss the new dental amalgam rule and its implementation in Wisconsin, Pretreatment regulatory tools available to DNR and small POTWs to address recurring POTW violations, and the role of pretreatment and lessons learned from Pretreatment Program audits.

9:15 - 10:00 am Confined Space Safety
Garrett Kaminskis (North American Safety Systems)
Confined space entries are needed for a variety of reasons including industrial sampling for pretreatment compliance. This presentation will outline the regulations, techniques, and best practices of making a safe confined space entry to not only get the job done but also so that at the end of the day, everyone can go home to their families.

10:00-10:15 am Break

10:15 - 11:00 am The Impacts of Sanitizers and Cleaning Products on Food Industry Biological Pretreatment Systems
Larry Collins (JBS Green Bay)
Andrew Kim (Fife Water Services)
In order to make safe food products for consumers, food plants are increasing the use of anti-microbial agents to sanitize production areas. These anti-microbial agents can have adverse effects on biological wastewater pretreatment systems.

11:00- 11:45 am Micropollutants in Wastewater and Biosolids
Dr. Patrick McNamara (Marquette University)
Biological wastewater treatment plants are not specifically designed to remove micropollutants, therefore discharges from WWTPs are considered a major point source of these chemicals in our environment. Micropollutants will also occur in biosolids as well as effluent. Impacts ranging from fish feminization to the spread of antibiotic resistance for chemical micropollutants and biological micropollutants will be covered. Additionally, the role of engineering treatment processes on removing or altering micropollutants will be discussed.

11:45- 12:45 pm Lunch

12:45 - 1:45 pm Brewery Wastewater Management
Wisconsin Brewer TBD
Greg Dreesler (Town & Country Engineering, Inc.)
Brewing is a water-intensive industry, generating wastewater volumes 3 to 5 times the volume of beer made. High strength and temperature wastewater as well as pH and solids issues from breweries can challenge the capacity of smaller POTW. Brewery wastewater represents a significant portion of the loading to larger wastewater treatment plants. It is important for breweries and wastewater plants to work together on the characteristics and timing of wastewater discharges. Is there potential for resource recovery from brewery wastes? Be prepared to participate in an informal survey of the brewery impacts to your system.

1:45 - 2:00 pm Break

2:00 - 3:00 pm Utilities of the Future
Karen Sands (Milwaukee MSD)
Cody Schoepke (City of Fond du Lac)
Dr. Patrick McNamara (Marquette University)
Laurie Frieders (Glenbard Wastewater Authority)
While traditional public health and environmental protection will always be central, the model for the utility of the future (UOTF) is evolving in new directions. It contemplates a new business approach where instead of simply collecting, treating, and disposing of municipal and industrial wastewater, the UOTF recognizes that its inputs are valuable resources. As such, its objectives are to separate, extract, reuse, or convert valuable water, energy, and commodities from wastewater while using utility assets in innovative ways to reduce costs, increase revenues, and strengthen the local economy. The UOTF also seeks to engage more fully with others that share the water resource through watershed-based approaches, innovative partnerships and adaptive management techniques to ensure that actions maximize environmental benefits. How will pre-treatment programs be used to enhance the utility of the future?

3:00 - 3:30 pm Round Table Discussion
Bill Oldenburg (NEW Water)
An open forum for the discussion of pretreatment issues with emphasis on the utilities of the future.

SPEAKERS

Garrett Kaminskis - North American Safety Systems
Larry Collins - JBS USA
Andrew Kim - Fife Water Services
Bill Oldenburg - NEW Water
Dr. Patrick McNamara - Marquette University
Greg Dreesler - Town & Country Engineering, Inc.
Laurie Frieders - Glenbard Wastewater Authority
Karen Sands - Milwaukee Metropolitan Sewerage District
Cody Schoepke - City of Fond du Lac, WI
Bob Liska - Wisconsin Department of Natural Resources

REGISTRATION

Register and pay online at cswea.org/wisconsin/events or mail with payment to:
Symbiont
*Make checks payable to CSWEA - Wisconsin Section.
c/o Jon Butt
*Please submit 1 registration form per person.
6737 W. Washington Street, Suite 3440
Milwaukee, WI 53214

Name: ___________________________________________
Company: _______________________________________
Address: ________________________________________
City, State, Zip: ___________________________________
Phone: _________________________________________
Email: __________________________________________

Registration deadline: Forms and payment in full by 8/14/18.
No refunds given after 8/14/18. No purchase orders or company billing will be accepted.

QUESTIONS? Call Jay Kemp at (414) 455-1609.