



# **EXPO 2010 Winter Meeting**

## **January 29, 2010**

At the Brat Stop Banquet Facility  
(Parkway Chateau) Kenosha, Wisconsin

**The Officers and Board of the Midwest Water Analysts Association are proud to host the EXPO 2010 meeting on January 29, 2010.**

The meeting will consist of vendors and presentations relating to water, wastewater and laboratory issues. The speakers will be covering specific pertinent topics dealing with analytical methods, green infrastructure, amphibian species survey, phosphorous fertilizer bans, and other relevant laboratory & environmental related interests.

### **DIRECTIONS:**

Highway 50 intersects Interstate 94 a couple of miles north of the Wisconsin-Illinois border. The Brat Stop is located on the north side of Highway 50 about 1 and ½ blocks west of I-94.

Registration will be held by Entrance C at the north side of the building.

For additional help, call the Brat Stop at 262-857-2011.

Hotels are close by if you want to make reservations for an overnight stay.

The phone number to call for reservations at the closest hotel

(Best Western Executive Inn) is 262-857-7699.

Workshop “*Introduction to Wastewater Activated Sludge and Microbiology*”

We are pleased to have Tracy Finnegan at the EXPO for a workshop on microscopy techniques. Tracy Finnegan is an Environmental engineer with Environmental Leverage Inc., Illinois. She was formerly associated with Nalco and Suez, where she worked for more than 12 years in numerous positions related to research, operations, design evaluation, auditing and troubleshooting. She now started her own Environmental Engineering Company that supplies wastewater products, training, audits and consulting services.

Tracy has taught biological wastewater process control to operators and engineers for over 17 years and performed audits and troubleshooting for approximately 5,000 – 6,000 industrial and municipal treatment plants worldwide. Tracy holds a BS degree in Business Chemistry from Northern Illinois University. She is a contributing author in WEFTEC's Book-Wastewater Biology: The Microlife. She has written 12 Wastewater training manuals and CD's.

The two hour workshop will cover activated sludge filament and micro life identification and basic trouble shooting. The workshop will begin with a presentation and hands-on training will follow with several microscopes. **Participants may bring samples of their plant's activated sludge to work with.** Please visit Tracy's website at [www.environmentallevverage.com](http://www.environmentallevverage.com) to see the work Tracy does.

**Engineers, and Illinois and Wisconsin Water Treatment Plant Operators may qualify for Renewal Training Credit Hours. Please see Sue Sutherland at the EXPO for more information or you can check at the registration desk.**

**Advance Registration for the meeting  
is due by Monday, January 25<sup>th</sup>.**

## EXPO 2010 Schedule of Events

- 7:15 – 7:45 am     **Registration** (Entrance C on the north side of the Parkway Chateau)  
7:50 – 7:55 am     **Opening Remarks by President Sharon Thieszen** (Main Hall)
- 8:00 – 8:35 am     **North Room** *“Determining Plant Capacity for Future Expansion Assessment Using Plant Performance Data”*  
By Judy Moran, Metropolitan Water Reclamation District of Greater Chicago
- South Room** *“Real-Time Water-Quality Monitoring in the Menomonee River Watershed”*  
By Dave Graczyk, United States Geological Survey
- 8:40 – 9:15 am     **North Room** *“Odor, Corrosion in Metropolitan Water Reclamation Plant of Greater Chicago Intercepting Sewers: Diurnal and Daily Fluctuations and the Benefit of Calcium Nitrate Addition”* By Dr. Ali Oskouie, Metropolitan Water Reclamation District of Greater Chicago
- South Room** *“H2OInfo – A Web-Based Citizen’s Tool for Turning Real-Time Water Quality Data into Information”*  
By Christopher Magruder, Milwaukee Metropolitan Sewerage District
- 9:20 – 9:55 am     **North Room** *“Fresh Coast Green Solutions: Weaving Milwaukee’s Green and Grey Infrastructure into a Sustainable Future”*  
By Karen Sands, Milwaukee Metropolitan Sewerage District
- South Room** *“North Shore Sanitary District’s Participation in the Annual Amphibian Species Survey Hosted by the Marsh Monitoring Program”*  
By Sharon Sandoval, North Shore Sanitary District

## 10:00 – 11:30 am     **VENDOR TECHNOLOGY and INFORMATION** (Main Hall)

- 11:35 – 12:10 pm     **North Room** *“Phosphorous Fertilizer Bans in Lake County”*  
By Kelly Deem, Lake County Health Department

11:35 – 12:10 pm     **South Room**     *“Managing a Few Critical Issues during the Planning Phase of the Kinnickinnic River Sediment Remediation Project”*  
By Xiaochun Zhang, Wisconsin Department of Natural Resources

**12:15 – 1:00 pm**             **BUFFET LUNCH**

**1:00 – 1:45 pm**             ***Vendor Technology & Information*** (Main Hall)

1:45 – 2:20 pm             **North Room**     *“Introduction to Wastewater Activated Sludge and Microbiology”*  
By Tracy Finnegan, Environmental Leverage, Inc.

**South Room**     *“Advances in Dissolved Oxygen Measurement Technology”*  
By Tim Grooms, & Laura St. Pierre, YSI Incorporated

2:25 – 3:45 pm             **North Room**     *“Introduction to Wastewater Activated Sludge and Microbiology (continued)”*  
By Tracy Finnegan, Environmental Leverage, Inc.

2:25 – 3:00 pm             **South Room**     *“Optical DO Applications – Rugged Dissolved Oxygen (RDO) Probe Performance in Water and Wastewaters”*  
By Chris Scott, Thermo Scientific

3:05 – 3:45 pm             **South Room**     *“The Costs and Consequences of Invasive Species in the Great Lakes”*  
By Paul Poshyvanyk, Metropolitan Water Reclamation District of Greater Chicago

**3:50 – 4:20 pm**             **Raffle (Main Hall)**

**4:25 - ?**                     **Join us for Meet & Greet**

*\*Appetizers Available (North Room)*

# REGISTRATION FOR MWAA EXPO 2010 JANUARY 29<sup>TH</sup>

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Microscopy Workshop  
(Students and Retirees)

\$10.00 in addition to basic registration  
No Charge beyond basic registration

Basic Registration

Advance Registrations	\$50.00
At The Door	\$60.00
Students and Retirees	\$10.00

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**ADVANCE REGISTRATION DEADLINE: JANUARY 25<sup>TH</sup>**

Name:  
Facility:  
Address:

Phone Number: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_  
College Student (must show ID card) \_\_\_\_\_ or Retiree \_\_\_\_\_

I plan to attend the workshop (\$10 extra unless student or retiree) \_\_\_\_\_

Payment Method: In Advance ( ) At the Door ( )

Personal Check ( ) Facility Check ( ) Cash ( )

For advanced registration, fill out this page and e-mail it to **ssutherland@mmsd.com**. Please use one page for each individual attending. Checks should be mailed to:

**Sue Sutherland at 250 W. Seeboth, Milwaukee, WI 53204**

*\*\*Note: You do not need to pay in advance in order to get the advanced registration rate.*

The MWAA is always looking to expand the membership list, so if you know of other individuals who may be interested in the group please inform an officer or steering committee member.

Please remember to visit the MWAA's web site:

[www.midwestwateranalysts.org](http://www.midwestwateranalysts.org)

Information on future and past meetings is posted on the web site, as well as, links to related sites and other information

**Officers and Steering Committee Members for the  
Midwest Water Analysts Association  
effective January 2008**

**OFFICERS**

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**STEERING COMMITTEE**

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