

Advanced Wastewater Treatment (Activated sludge) Workshop

Minnesota Pollution Control Agency Training for Wastewater Operators

August 7-8, 2012 | 8 a.m.—4 p.m. | Ramada Mall of America – Bloomington

Day 1:

Toni Glymph, Senior Environmental Microbiologist with the Metropolitan Water Reclamation District of Greater Chicago will cover how to:

- Identify wastewater microorganisms in your plant and understand their function
- Gram stain and identify filamentous organisms
- Monitor and control your facility operations using your microscope

Bring a microscope and a sample of your mixed liquor for this session!

Day 2:

- Nitrogen removal – Brian Fitzpatrick, MPCA
- Phosphorus removal – Steve Duerre, MPCA
- Membrane Bioreactor (MBR) technology overview – John Friel, SEH, Inc.
- Mercury removal processes – Mark Stone, HR Green
- Troubleshooting nutrient removal – Don Esping, Brown and Caldwell
- Advanced process control – Mike Savelli, Hach Co. and Kay Curtin, MPCA

Cost per day: \$100

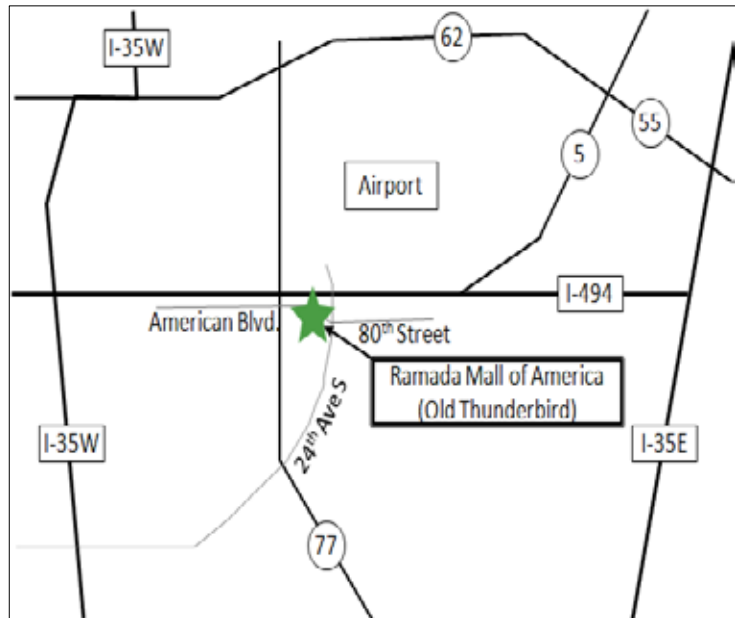
CEUs per day: 6.5

Check-in: 7:30 a.m. **Sessions begin:** 8:00 a.m.

Register now!

Training location

Ramada Mall of America
(Old Thunderbird)
2300 E American Blvd, Bloomington
952-854-3411



Yes! Register me for the Advanced Wastewater Treatment Workshop

☐ Day 1 only (\$100) ☐ Day 2 only (\$100) ☐ Both days (\$200) (Lunch included both days.)

Legal name _____ Employer _____

Address/city/state/ZIP _____

Telephone _____ E-mail _____

Type of treatment plant/configuration _____

Check or government P.O.# _____ made payable to *Minnesota Pollution Control Agency*.

Mail to: Minnesota Pollution Control Agency – ATTN: Fiscal-6, 520 Lafayette Rd N, St. Paul, Minnesota 55155-4194

Credit card ☐ Visa ☐ MasterCard Expiration date _____ 3-digit security code _____ Amount \$ _____

Name on card _____ Card number _____

Address/city/state/ZIP _____

Phone _____ E-mail receipt to _____

Cardholder signature _____

Fax registration with credit card payment to 651-205-4594.