

Tuesday, August 27, 2019

Schedule 8:50-3:00

Combined Track

- Safety: Trenching and Shoring
- Ethics and the Value of What You Do
- Handling Customer Complaints
- DNR Water Supply Rule Updates
- You're Not In It Alone: An Intro to Iowa Technical Assistant Providers IRWA and IAMU

Wastewater Track

- Biosolids Application
- DNR Update and Walking Through an NPDES Permit

Wednesday, August 28, 2019

Schedule 8:30-2:30

Water Distribution Track

- Leak Detection and Locating
- Magnetic Flow Meters
- Water Main Construction
- Hands-On CL2 and Bacteria Sampling Procedures and Lead & Copper Site Selection (*Class Limit:30*)
- Using Temporary Water Lines During Water Main Construction Projects (*Panel*)

Water Treatment Track

- RO Membrane Troubleshooting
- Troubleshooting HACH Equipment
- Manganese Sampling Protocol
- Basic Water Chemistry
- Surface Water vs. Ground Water

Wastewater Track

- SCADA (*Panel*)
- Sewer Cleaning 101
- DeSoto Wastewater Upgrades
- Microbiology: Good Bugs/Bad Bugs
- 25 Ways to Screw Up a Lift Station Design

Maintenance Track (2-hour session)

- Well Maintenance
- Well Rehab Case Study
- Pump Maintenance & Troubleshooting
- Filter Maintenance & Troubleshooting
- 4-20ma Basics and Troubleshooting

0.1 CEU for each 1 hour session

Up to 0.5 CEU available each day

Earn up to 10 credits for both days!

Full Conference Registration

(Online Registration Fees listed, add \$20 for paper forms.)
(fees include continental breakfast, lunch, breaks, and CEUs)

Register BY August 16

\$190.00 Member
\$220.00 Non-Member

Register AFTER August 16

\$215.00 Member
\$245.00 Non-Member

1-Day ONLY Registration
(Monday or Tuesday)

Register BY August 16- ONE Day ONLY

\$130.00 Member
\$160.00 Non-Member

Register AFTER August 16- ONE Day ONLY

\$155.00 Member
\$185.00 Non-Member

Discounted Fees for Online Registration are listed above. An additional \$20 Data Fee applies for each paper registration form mailed in to AWWA-IA.

Refunds will be given if cancelled prior to August 16.
No refunds will be issued for cancellations after August 16.
Substitutions accepted.



Location:

Des Moines Area Community College
FFA Enrichment Center
1055 SW Prairie Trail Parkway
Ankeny, IA 50023

The conference center has free wireless internet.

Need a guestroom?

Call Fairfield Inn & Suites, 215 NE Delaware Ave, Ankeny, IA 50021. Phone: 515-965-8400 and ask for the DMAACC/ AWWA Short Course discounted rate.

Hotel reservations are on your own.

REGISTER ONLINE

www.awwa-ia.org

It is quick and convenient!

For complete Registration Details and to become a member of AWWA, visit our website, www.awwa-ia.org.

- ⇒ Register online & pay with credit card, mail a check or pay at the door.
- ⇒ SAVE \$20 by registering ONLINE (*fees as listed on brochure include this savings*)
- ⇒ Renew your annual AWWA membership.
- ⇒ *Online registration receives priority for limited size classes and is on a first come, first serve basis.

For Paper Registration Forms

- ⇒ Add \$20 Data Fee for each paper registration form mailed to AWWA-IA.
- ⇒ Download/print the Short Course registration form found on the AWWA-IA website. Complete the form and FAX to: 515-284-7301 or Mail to:

AWWA-IA

100 Court Avenue, Suite 203

Des Moines, IA 50309

- ⇒ For registration questions, please call the AWWA- IA Office at 515-283-2169.

Why should I attend?

This conference provides the perfect opportunity to obtain needed CEUs. This is also a good way to meet new people and network with other professionals in the water/wastewater field.

You will receive excellent presentations, have a choice of optional sessions in your area of interest and be able to turn in your DNR form at the end of the conference to obtain your needed CEUs.

Up to 1 CEU available for 2-day Conference

FEATURED SESSIONS



25 Ways to Screw Up a Lift Station Design

How to avoid design mistakes for a lift station.



Ethics and the Value of What You Do

A beyond the regulations look at the value of providing ethical water and wastewater services.



RO Membrane Troubleshooting

A systematic approach for determining the cause of a RO membrane problem.



Handling Customer Complaints

An operator and manager's perspective on handling various customer complaints from receiving, tracking, investigating, and resolving.

Brought to you by

⇒ **The Iowa Section — American Water Works Association (AWWA)**

AWWA-IA
100 Court Avenue, Suite 203
Des Moines, IA 50309



**For Water & Wastewater Operators
And Maintenance**

2019 Fall Short Course

**Includes:
Maintenance Track!**

**REGISTER
ONLINE TODAY!
www.awwa-ia.org**

- ⇒ It's Quick & Convenient!
- ⇒ Multiple payment options!
(credit card, mail check, pay at the door)
- ⇒ Register Online & SAVE \$20!
- ⇒ Immediate Confirmation!

**FFA Enrichment Center
DMACC Ankeny Campus
August 27-28, 2019**