

Monday, April 15, 2019

Schedule 8:50-3:00

Combined Track

- Drones & VR
- Navigating the Silica Standard, Challenging...Yes, Impossible...No
- How to Communicate with Utility Boards and City Councils
- IDNR WS Update
- TBD

Wastewater Track

- North Liberty's Membrane Bioreactor & Nutrient Reduction Expansion Project
- IDNR Wastewater Update

Tuesday, April 16, 2019

Schedule 8:30-2:30

Water Distribution Track

- Tank Maintenance: Why and How?
- Leak Detection & Corrosion/Cathodic Protection
- Distribution System 101
- Main Break Response: System, DNR Perspectives
- Distribution System Flushing

Water Treatment Track

- Microbiology for Drinking Water
- Training New Operators – Panel Discussion
- Water Treatment Membrane Technologies
- Math
- Wellhead and Source Water Protection: Big Picture and Funding

Wastewater Track

- Jet Truck/Televising
- Nutrient Reduction Treatment Options
- Secondary Treatment at Cedar Rapids WPCF – Now and in the Future
- Odor Control
- VFD Application and Operation

Maintenance Track (2-hour session)

- *CL-17 & Tubidimeter Setup, Troubleshooting, and Maintenance*
(2 hour class- must attend both)

***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 April 5

\$190.00 Member
\$220.00 Non-Member

Register AFTER April 5

\$215.00 Member
\$245.00 Non-Member

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1-Day ONLY Registration
(Monday or Tuesday)

Register BY April 5- ONE Day ONLY

\$130.00 Member
\$160.00 Non-Member

Register AFTER April 5- ONE Day ONLY

\$155.00 Member
\$185.00 Non-Member

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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 April 5.
No refunds will be issued for cancellations after April 5.
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.

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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



Pump VFDs

Understanding VFDs and applications for them.



IOSHA Silica Standards

Navigating the Silica Standard, Challenging...Yes, Impossible...No.



Drone and Virtual Reality Applications

Latest technologies and how they can benefit water and wastewater utilities.



New Technologies in Water Treatment Membranes

Overview of membrane technologies and how to deal with the residuals created by these processes.

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 Spring 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
April 15-16, 2019**