**Details & Deadlines**

**WHO:** Water and wastewater professionals wanting practical information to help them do their jobs.

**WHAT:** A three-day workshop for water and wastewater operators featuring both basic and advanced topics for Water Treatment, Water Distribution, and Wastewater.

**WHEN:** Tuesday, November 19 - Thursday, November 21.

**WHERE:** Holiday Inn Northwest, 4800 Merle Hay Road
Merle Hay Road Exit off I-35/80 (Exit 131)
Des Moines, Iowa

**HOW:** Return the attached registration form to IAMU by **November 8, 2019**, or register online at www.iamu.org (click “Events”). Indicate which workshop days you’ll be attending.

**Lodging**

**Holiday Inn Northwest—I-80/35 & Merle Hay Road, Des Moines**

A group block has been reserved for the workshop. When booking, ask for the block listed under the “IAMU Water/Wastewater Training” and **3-letter code: TER**

Call 515/278-4755. Room rate is $87 plus tax per night. Room reservations must be made by October 22, 2019 to receive this rate. Check-in time is 3 p.m.

**Pre-Conference Workshop**

**Work In Water**

Presented by Tonya Bronleewe, Wichita State University

Tuesday, November 19, 2019 - 8:30 a.m. to 11:30 a.m.

Do you want to find and recruit great new talent to your utility? Discover how you can adapt WSU’s proven Work in Water career development program. In this session, you will be led step-by-step through lessons and activities that teach students about where their water comes from, how their water is treated for drinking, and what happens to wastewater. Attendees will be inspired to adapt the Work in Water methodology for their own utility, or community to pilot new efforts in support of the water workforce.

**Cost:** $50 (not included in workshop registration)

Limited to 50 participants; 0.3 CEUs for WT/WD/MMW

**Early Registration Deadline:** November 8, 2019

IAMU cancellation policy will be in effect

1.2 CEUs towards certification

For More Information/Questions Contact: Jill Soenen or Steve Marsh 800-810-4268
Work in Water Pre-Conference Workshop
(Limited to 50 participants)
0.3 CEUs WT/WD/WW

Registration

Industry Trends—Where We Have Been & Where We’re Going
Dustin Miller, Nyemaster Goode

WT/WD/WW

Break

Succession Planning
Tonya Bronleewe, Wichita State University
WT/WD/WW

Risk & Resilience Management & Requirements
Ken Deason, EPA Region 7
WT/WD/WW

Product Show & Reception

<table>
<thead>
<tr>
<th>Water Treatment</th>
<th>Water Distribution</th>
<th>Wastewater</th>
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</thead>
<tbody>
<tr>
<td>8:30-9:30</td>
<td>Biological Ammonia Removal in Drinking Water</td>
<td>Collection System Basics</td>
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<tr>
<td></td>
<td>Matt Hawes, Fox Engineering</td>
<td>Chad Sparks, Electric Pump</td>
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<tr>
<td>9:35-10:35</td>
<td>Pressure Monitoring</td>
<td>Providing Water Service to a Contested Area</td>
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<tr>
<td></td>
<td>Tom Bohrer, NightHawk</td>
<td>Kristine Stone, Ahlers &amp; Cooney</td>
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<td></td>
<td>WT/WD</td>
<td>Scott Wienands, Nutri-Ject</td>
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<tr>
<td>10:35-11:00</td>
<td>Amana Water—Complete Transformation</td>
<td>WW</td>
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<tr>
<td></td>
<td>Heath Picken, HR Green</td>
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<tr>
<td>11:00-12:00</td>
<td>Water Softening Techniques</td>
<td>Pressure Zones—Oelwein &amp; Grimes Case Studies</td>
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<td></td>
<td>Andrew Marsh, HR Green</td>
<td>I &amp; I Reduction Strategies</td>
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<td></td>
<td>WT</td>
<td>Shane Jacobson, CIT Sewer Solutions</td>
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<td>12:00-1:00</td>
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<td>WD</td>
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Refreshment Break

Lunch
**Water Treatment**

1:00-2:00  Manganese Protocol—IDNR Update

Julie Sievers
IDNR

WT/WD

2:05-3:05  Arc Flash Safety Solutions for Water/Wastewater

Dave Bloch
Electric Pump

WT/WD/WW

3:05-3:30  Refreshment Break

3:30-4:30  Well Rehabilitation

Gale McIntosh
Northway

WT/WD

4:30  Adjourn for the Day

**Water Distribution**

Lead & Copper Sampling

Shane Kinsey, City of Johnston
Jeff Mitchell, DMWW

WD

STEM & SMART Technology in Cross Connection Control

Thomas Mach & Wyatt Mach
CCRA Professional Services

WT/WD

**Wastewater**

Manhole Rehabilitation Techniques

Bob Moen
Visu-Sewer

How to Blow Away Your Bugs

Brian Gongol
DJ Gongol & Associates

WW

Industrial Sewer User Agreement

Greg Sindt
Bolton & Menk

WW

**Wednesday, November 20, 2019**

8:00-9:00  Safe Handling of Materials

Margret Meade
IAMU Safety Services

WT/WD/WW

9:00-10:00  Joplin Tornado Experience

TBD
City of Joplin

WT/WD/WW

10:00-10:15  Refreshment Break

10:15-11:15  Southwest Iowa Flooding

Kirk Kemper, Retired
Dave Malcom, City of Glenwood
Keith Wilken, IDNR

WT/WD/WW

11:15  Door Prizes & Adjourn

**Thursday, November 21, 2019**

Math for Operators

Kris Evans
City of Ames

WT/WD/WW

Utility Locating

Brent Briley
Subsurface Solutions

WT/WD/WW
## Registration

**Organization/City:** ____________________________

**Address:** ____________________________

**City, St, Zip:** ____________________________

**Phone:** ____________  **Email:** ____________

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<tr>
<th>Name</th>
<th>Please indicate t-shirt size below (L - 4XL):</th>
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- **Full Workshop—November 19-21, 2019—1.2 CEUs** (does not include PreConference Workshop)
- **Tuesday only—November 19—0.3 CEUs**
- **Wednesday only—November 20—0.6 CEUs**
- **Thursday only—November 21—0.3 CEUs**
- **Work in Water Preconference Workshop—November 19—0.3 CEUs** space is limited to first 50 registered *(Pre-registration is MANDATORY!)*

### Registration Fees

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<th>Early Registration (through November 8, 2019)</th>
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**Late or At-the-Door Registration**

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**Registration Fee:** $_______

### Please make checks payable to:
Iowa Association of Municipal Utilities

**Total due to IAMU:** $_______

- **Holiday Inn Northwest**
  I-80/35 & Merle Hay Road
  Des Moines

**Early Registration Deadline:** Through November 8, 2019
IAVM cancellation policy will be in effect

**Registrations can be mailed to:**
1735 NE 70th Ave
Ankeny, IA 50021
Or faxed to:
515-289-2499