Providing solutions for Kansas to effectively manage water, the state's most important resource.

inside:

**GRADUATES RECOGNIZED**

21 Finish Municipal Utility Management Program  

**COMPETING NATIONALLY**

Kansas Hydrant Hysteria, Top Ops Teams at ACE19

**2019 JOINT CONFERENCE**

Schedule Overview, Special Events, Notices

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**Welcome Keynote Speaker Tim Grunhard**

Tim Grunhard is a 1990 graduate of The University of Notre Dame where he was an All American offensive lineman and a member of the 1988 Irish National Championship team. He was a second-round draft pick in 1990 by the Kansas City Chiefs. Grunhard enjoyed an 11-year NFL career, all as a member of the Kansas City Chiefs, earning a spot in the 1999 Pro Bowl. In 1997 he was the Chiefs/True Value Man of the Year for his community service involvement.

continued on page 9
Contents

1  Welcome Keynote Speaker Tim Grunhard

3  News from the Chair

4  Section Manager’s Report

6  Director’s Report

10  Local Government Professionals Recognized for Completing Municipal Utility Management Program

12  City of Emporia Dedicates Renovated Wastewater Treatment Plant

14  Fourth Annual Tower 2 Tower 5K Raises Money for Water For People

15  George Warren Fuller Award Recipient Dan Defore Honored at ACE19

16  Lawrence Top Ops Team Competes at ACE19

17  Two Kansas Teams Participate in ACE19 Hydrant Hysteria Competition

18  Caveny, Bookout Enjoy a Memorable Turkey Hunt Following Silent Auction Purchase

20  Water Buffaloes Ride into ACE19

21  Creating a Pipeline of Talent to Your Utility with WSU’s Work in Water Program

23  11th Annual KWEA / KsAWWA Joint Conference

24  Joint Conference Overview

26  AWWA Trustee Chi Ho Sham to Attend Joint Conference in Topeka

27  Tuesday Meet & Greet: Night at the Brewery

28  2019 Water For People Membership Drive, Fundraising Opportunities

29  2019 Sporting Clays Shoot Registration Form

Advertiser Index

Ford Meter Box ....................................................... 11
PEC .................................................................... 13
Pittsburg Tank & Tower Group .............................. 12
Wilson & Company ................................................... 8

SOLUTION H₂O 2 Summer 2019
Greetings water professionals and welcome to another Kansas summer. Not only is the temperature on the rise, but many rivers and lakes are also on the rise as well with non-stop flooding!

AWWA’s 138th Annual Conference & Exposition (ACE19) was held this year in Denver, Colorado, June 9-12, and was attended by some 12,000 water professionals. Attendees had the opportunity to visit nearly 1,100 booths, showcasing the latest technology the industry has to offer. More than 500 presenters held training and informational classes.

The conference concluded with the presidential gavel being passed from David Rager, Ohio, to Jim Williams of Indiana. Williams, who is the general manager of SUEZ Advanced Solutions/Peerless-Midwest, has been an active member for more than 30 years. Williams has served as chair and director of the Indiana Section and has received several water industry awards during his career. Williams is also an active member of the Water Buffaloes, who participate in motorcycle rides to raise funds for nonprofit environmental organizations.

One event during the conference of particular interest was the women’s Hydrant Hysteria event with a team from Olathe, Kansas, qualifying for the finals. In the final round, they finished with the fastest time. Unfortunately, a penalty was assessed and added to their final time, bumping them to a second place finish. What amazing effort for their first ever entry.

Speaking of closer to home, the Kansas Operator Training Committee has been scheduling classes across the state to meet the demand for continuing education hours and the training of new operators. Several classes and workshops have already been held, with many more yet to come in 2019. Watch the KsAWWA website for upcoming dates.

The 11th Annual KWEA/KsAWWA Joint Conference, to be held Aug. 27-29, 2019, at the Capitol Plaza Hotel & Stormont Vail Events Center in Topeka is fast approaching with KsAWWA Chair-Elect Andrew Hansen and KWEA Vice President Chris Ramsey planning the program. The conference continues to be a success due to the tireless efforts of the presenters, moderators, and all of the staff manning the registration table and working countless hours behind the scenes. These are the people who make it all happen, but you, the attendees, are who make it successful. Plan now to join us this year in Topeka.

Phillip Cooper, KsAWWA Chair
pcooper@emporia-kansas.gov
(620) 340-6371 – office
I was looking back at last summer’s newsletter, and I opened it with, “A warm, dry summer presents its own set of challenges.” WOW! How different it looks this year. I am sure there are some among us that would like to see a little dry weather, and actually the heat hasn't been that bad yet either. Yes, Kansas has had its share and more of rain this year which has certainly refurbished our rivers, lakes, and water beds. I pray that none of you were in the way of those overflowing rivers, streams, etc. and didn't suffer from the floodwaters.

ACE19 was in Denver this year. It was a lot of fun being in AWWA's home state. There were many fun events as well as a lot of informative technical sessions and great networking opportunities. There are several pictures from ACE19 throughout the newsletter.

As is usual this time of year, we are deep in preparations for the upcoming 11th Annual KWEA/KsAWWA Joint Conference in Topeka on Aug. 27-29, 2019. The program committee has done a great job of putting together the technical sessions for this conference. Also introduced this year are sponsorship opportunities for our exhibitors, consultants, and engineering firms. Look around and see who has helped with their monetary donations to make this a bigger and better conference. If you didn't get in on these opportunities this year, put it on your calendar to watch for the notices next year and get your company's name on the T-shirts, table tents, in the program, promotional signs, etc.

Our Tuesday evening meet and greet is going to be at the Norsemen Brewing Company in Topeka’s Art District. You will enjoy barbecue, beer, and well drinks which are all complimentary because of our generous sponsors. However, YOU MUST PRE-REGISTER so look for the option when you register for the conference and mark that you wish to attend this event. When you do, your ticket will be in your packet.

We are holding the joint lunch again Wednesday in the exhibit hall. This was well received last year, and the committee decided to make it an annual event. There will be no formal program for this lunch; however, there may be some announcements made during lunch. This lunch is to encourage the attendees to spend more time with the exhibitors.

There will also be the annual Best Tasting Tap Water Contest, Meter Madness, Hydrant Hysteria, Backhoe Rodeo, and Operator’s Challenge happening in the exhibit hall or adjacent parking lot. These events, coupled with the Environmental Excellence
Competition, give attendees many opportunities to show off their skills and knowledge.

On Monday, the annual golf tournament will be held at Lake Shawnee Golf Course, and the Sporting Clays Shoot will be held at Ravenwood Lodge. The golf tournament raises funds for the KWEA Scholarship Fund, and sporting clays raises funds for Water For People (WFP). Along with that, there will be a silent auction in the exhibit hall which will also raise funds for WFP. If you have anything you would like to donate for the silent auction, please email hboyer@cox.net to get those items listed. Registration for the golf tournament and sporting clays events is online, and you can do that when you register for the conference.

It will be a busy four days so make plans now to attend the 11th Annual KWEA/KsAWWA Joint Conference on Aug. 27-29, 2019 at the Topeka Capitol Plaza & Stormont Vail Events Center.

SEE YOU IN TOPEKA!

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**YP Summit 2020**

**Hyatt Regency Orange County, Anaheim, California**

**February 24**
- WEF Emerging YP Leadership Workshop
- AWWA YP Leadership Training
- YP Summit Evening Welcome Reception

**February 25**
- YP Summit (a WEF and AWWA joint event)
- YP Summit Evening Networking Reception

**February 26–28**
- The Utility Management Conference

[www.wef.org/yp-summit](http://www.wef.org/yp-summit)
Director’s Report

by Stephen Randtke, KsAWWA Director

I enjoyed seeing many members of our section last month at ACE19 in Denver and look forward to seeing many more of you at our joint conference with KWEA in August. I arrived at ACE two days early to attend meetings of the AWWA Board of Directors over the weekend, prior to the conference. The biggest highlight of the meetings for me was celebrating the arrival of the Water Buffaloes, which this year included three riders from Kansas: Jim Jackson, Kurt Bookout, and Hank Corcoran Boyer.

Other board meeting highlights included updates on the Young Professionals Committee; the Water Equation program; AWWA’s Utility Risk & Resilience Management Program; the Farm Bill and AWWA’s efforts to help utilities take advantage of the funding it provides for source water protection; state and federal regulation of per- and polyfluoroalkyl substances (PFAS); the upcoming AWWA/WEF Transformative Issues Symposium; AWWA’s strategic goals and related priorities and programs; and AWWA’s innovation initiative. The board also heard presentations by representatives of AWWA’s partners in Asia, including the Korean Water & Wastewater Works Association, the Indian Water Works Association, Pub Singapore (Singapore’s National Water Agency), and AWWA India.

This year’s Water Matters Fly-In was once again very successful, drawing more than 150 delegates, representing 49 states, who met with nearly 350 congressional offices – 63% of Congress – to express our Association’s views on water policy. Our delegates reported positive feedback from congressional staff on funding for both infrastructure and conservation, and mixed reactions to EPA’s PFAS Action Plan.

On May 15, Tracy Mehan, AWWA’s executive director of government affairs, testified before the U.S. House Subcommittee on the environment and climate change about how to address polyfluoroalkyl substances (PFAS) in drinking water. His testimony emphasized the importance of employing sound science to evaluate PFAS regulatory options, using existing authorities to protect against PFAS contamination, and the need for resources to support PFAS research, including research needed to establish a scientifically sound basis for maximum contaminant levels for PFAS. A press release outlining the testimony is available on AWWA’s website.

AWWA has notified both sections and water utilities that EPA guidance to states for Unregulated Contaminant Monitoring Rule monitoring is leading some states to revisit public notification requirements.
for manganese. In March, Iowa became the latest state to indicate that manganese observations greater than 300 ug/L would trigger Tier 1 public notification. Iowa indicates that it is developing a baseline monitoring program for manganese in public water supplies this year. In Iowa, as of April 3, certified laboratories will be required to report sample values above 300 μg/L to the state within 24 hours. The EPA health advisory for manganese was published in 2004; Health Canada proposed a health-based drinking water standard of 100 μg/L in 2016.

AWWA CEO David LaFrance, Tracy Mehan (executive director of AWWA's Government Affairs Office), and other leaders in AWWA continue to urge sections, appropriate section committees, and members to engage with the Natural Resource Conservation Service (NRCS), in cooperation with EPA and other organizations, to take full advantage of the opportunities for source water protection that recent legislation presents. Those interested in learning more about this are encouraged to (1) read the editorial by David LaFrance in the April issue of JAWWA: “A Call to Action: How to Use $4 Billion for Source Water Protection”; (2) attend related presentations at our upcoming joint conference; and (3) drop me a note via email.

This past year AWWA, the National Association of Clean Water Agencies, and the Water Environment Federation co-funded a report on affordability: “Developing a New Framework for Household Affordability and Financial Capability Assessment in the Water Sector.” Since this report is geared toward informing EPA regulatory policy, a purpose best served by continuing and deepening an ongoing dialogue with EPA, AWWA transmitted the report directly to EPA without creating a media moment. AWWA has since focused on consistent messaging and posted the report on three of AWWA’s websites as a for-members-only item. Moving forward, the information will be shared more broadly with AWWA members and the public at-large through announcements and articles in regular publications including Water Utility Insider, AWWA Connections, OpFlow, and the Journal. The report recommends using two metrics to assess affordability: (1) the Household Burden Indicator (HBI), the combined cost of water service (drinking water, wastewater and stormwater) as a percentage of the 20th percentile of community household income; and (2) the Poverty Prevalence Indicator (PPI), the percentage of households in the community that are at or below 200% of the federal poverty level.

AWWA recently launched a five-course Utility Risk & Resilience Certificate Program to help utilities apply sound risk and resilience management strategies that will facilitate compliance with requirements of AWIA (America’s Water Infrastructure Act of 2018). Learn more at http://www.awwa.org/riskresiliencecertificate.

Chi Ho Sham, Chair of AWWA's Technical & Educational Council, will be the official AWWA representative to our annual conference. As his official host, I look forward to personally introducing him to many of you. He is highly knowledgeable about many topics of possible interest to members
of our section, including source water protection, using AWWA’s water utility management standards, affordability, the current status of federal legislative and regulatory efforts, the Partnership for Safe Drinking Water, and the Partnership for Clean Water. Please let me know if you or a committee on which you serve would like to meet with him during his visit to Kansas; and please feel free to walk up and introduce yourself to him during his visit.

As always, please do not hesitate to share with me your opinions, suggestions, questions, and concerns, or to contact me for additional information regarding these or other matters involving AWWA or KsAWWA.

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www.wilsonco.com
Following his professional career, Grunhard coached at St. Pius X and Bishop Miege High School, with the NFL Europe League in Cologne, Germany, and with the University of Kansas. He is currently a special guest analyst on Sports Radio 810 WHB and is serving as president of the Kansas City Chiefs Ambassadors. 🥳

*Pictured at right: KsAWWA Secretary/Treasurer Terryl Pajor and KsAWWA Section Manager Hank Boyer accommodate the duck's request for a photo at ACE 19.*
Local Government Professionals Recognized for Completing Municipal Utility Management Program

Wichita State University Environmental Finance Center (WSU EFC) and Kansas Municipal Utilities (KMU) announced the graduation of 21 professionals from their Municipal Utility Management (MUM) program. Graduates were recognized at the 2019 KMU Conference in Wichita in early May. Participants were from 12 communities in the state, including Atchison, Augusta, Chanute, Goddard, Halstead, Kiowa, Larned, Liberal, Medicine Lodge, Osage City, Topeka, and Winfield.

The MUM program is designed for city/county administrators, utility staff, and other local government professionals associated with providing essential natural gas, electricity, water and/or wastewater services to the public. The program prepares individuals for the challenges of public utility management in today’s rapidly changing environment.

The program features a series of six, one-day sessions focused on topics like utility management, leadership, planning, budget development, rate setting, and communication. Different field experts from each discipline taught the sessions, which were held at Kansas Municipal Utilities in McPherson and Wichita State University.

“Today’s utility professionals are faced with a lot of challenges to provide safe, reliable utility services to the public. The MUM program allows participants to add to their professional experience and learn from other professionals about innovative practices, leadership, skills, and resources to take back to their cities and implement,” said Michele Pugh, WSU EFC Director.

The 21 MUM graduates include:

- Mike Stec, utilities manager, City of Atchison
- Jim Sutton, electric production superintendent, City of Augusta
- Mike Letterman, water/wastewater foreman, City of Chanute
- Clint Moore, electric distribution superintendent, City of Chanute
- Joe Turner, former director of public works, City of Goddard
- Ethan Riemer, city administrator, City of Halstead
- Lou Leone, city administrator, City of Kiowa
- Bradley Eilts, city manager, City of Larned
- Jesus Cardenas, street department director, City of Liberal
- Kevin Kirk, certified building official, City of Liberal
- Jose Rosales, director of water plant, City of Liberal
- Robert Conaway, director of utilities and public works, City of Medicine Lodge
» Eric Heiserman, electric distribution superintendent, City of Osage City

» Paul Bodner, water facility engineer, City of Topeka

» Jack Mason, water systems general manager, City of Topeka

» Michelle Neiswender, wastewater engineer, City of Topeka

» Kelly Ryan, levee engineer, City of Topeka

» Zach Stueve, engineer, City of Topeka

» Beau Bailey, underground utilities supervisor, City of Winfield

» Dan Defore, water superintendent, City of Winfield

» Clint Gregor, wastewater plant chief operator, City of Winfield

Kansas Municipal Utilities is the statewide association representing Kansas cities and other public or not-for-profit agencies involved in the ownership and operation of municipal utilities. Formed in 1928, KMU provides assistance and information to members with regard to legislative and regulatory issues, training and educational programs, and numerous other services toward the advancement of municipal utilities and to achieve maximum benefits for the customer-owners served by our utilities.

For more information about the MUM program, contact Brian Bohnsack, program manager, WSU Environmental Finance Center, (316) 978-6421, brian.bohnsack@wichita.edu.

About WSU Environmental Finance Center and Kansas Municipal Utilities

The WSU Environmental Finance Center (EFC), housed within the Hugo Wall School of Public Affairs, is one of 10 university-based centers across the country that provides communities with professional training, technical assistance, and applied research to equip officials in making sound financial and environmental decisions. By sharing tools, technologies and resources offered by a network of collaborators, the WSU Environmental Finance Center helps communities tackle the “how to pay” question at the heart of successful environmental protection.
City of Emporia Dedicates Renovated Wastewater Treatment Plant

by Mary Young, Burns & McDonnell

A new wastewater treatment plant for the City of Emporia demonstrates that multiple public benefits, including cost savings, can be achieved by applying new technology to existing infrastructure, all within the umbrella of a progressive design-build project delivery approach. As a celebration of that achievement, a formal dedication and a ribbon-cutting ceremony for the Emporia Wastewater Treatment Plant were conducted Jun 19 at the plant site. The project reached substantial completion in June by the design-build team of Burns & McDonnell and CAS Constructors.

The project began in 2015, when regulators notified Emporia city leaders that renewal of the plant’s discharge permit would be contingent on meeting more stringent requirements for removal of nitrogen, phosphorous and other pollutants. In addition, more treatment capacity would be needed by the city.

“We faced a significant requirement for a capital upgrade to our treatment plant but knew we did not have the resources to construct a new facility,” says Emporia City Manager Mark McAnarney. “So, we challenged Burns & McDonnell and CAS Constructors to come up with a plan to maximize efficiency of this capital investment by reusing existing infrastructure while also increasing treatment capacity in a way that would meet our new, tougher permit obligations.”

The solution hinged on designing and retrofitting the plant to employ an innovative Integrated Fixed-Film Activated Sludge (IFAS) system — the first of its kind in Kansas — within the facility footprint. City officials selected the IFAS system based on its ease of installation in the existing basin, thereby eliminating the need to build separate costly infrastructure, as well as its proven performance for biological nutrient removal (BNR). The new IFAS system expands...
treatment capacity from 4 million gallons per day (MGD) to 5.4 MGD.

“The efficiencies we achieved at the Emporia plant really can be attributed to our design-build project delivery method that gave us the flexibility to evaluate and select the right technology,” says Ron Coker, senior vice president and general manager of the Water Group at Burns & McDonnell. “Design-build emphasizes close collaboration between owner and project team much further upstream in the project planning cycle. With a clear understanding of budget constraints and regulatory requirements, we were able to focus on an engineering solution that gained new life from existing infrastructure while adding a whole range of facility improvements.”

As part of the overall project master plan, Burns & McDonnell worked with the city to provide financial guidance and support in helping the city obtain funding for the project via the Kansas State Revolving Loan Fund (SRF). The facility enhancements enable the city to treat wet weather flows of up to 11 MGD, benefit from streamlined operations and solids handling, use less energy, and add entirely new laboratory, office, and administrative space.

The Burns & McDonnell and CAS Constructors joint venture has delivered 30 water or wastewater design-build projects, all with zero change orders, cost or schedule overruns, construction claims, or lost time incidents.
Fourth Annual Tower 2 Tower 5K Raises Money for Water For People

by Jerry Koukol, Water One

WaterOne kicked off National Drinking Water Week 2019 with its fourth annual Tower 2 Tower 5K, a race from WaterOne’s water tower to the City of Olathe’s water tower and back again. This year, nearly 600 people competed in the sold-out race.

The contestants left the gates shortly after 8 a.m., and medals were awaiting the class winners when they returned. This year’s race coincided with “May the 4th,” which inspired attendees to show up with an assortment of Star Wars-themed costumes and props.

The Tower 2 Tower 5K was a huge success, raising over $10,000 for Water For People, a non-profit that works to bring safe, clean water to developing communities around the world. The annual event has raised over $50,000 for Water For People since it began in 2016.
KsAWWA’s 2018 George Warren Fuller recipient was honored at ACE19 at the annual GWF Breakfast for all new recipients and those who were awarded this prestigious award in previous years.

This year Dan Defore, City of Winfield, was recognized for his work that he has contributed to the Water Industry in the manner of George Warren Fuller.

Those attending the breakfast along with Dan and his wife Melesa were Terryl Pajor, KsAWWA Secretary/Treasurer, and Hank Corcoran Boyer, KsAWWA Section Manager.
Lawrence Top Ops Team Competes at ACE19

The Kansas Top Ops Team from Lawrence, Kansas, attended ACE19. While they made it through the preliminary rounds, they didn’t make it to the finals.

Pictured (left to right) are Nic Caruthers, Daniel Whitmore, Andrew Burkhart, and Meredith Falkenstien.
Two Kansas Teams Participate in ACE19 Hydrant Hysteria Competition

This year’s Hydrant Hysteria Competition at ACE19 was amazing. We had two teams representing Kansas, one male team and one female team.

The male team “Hydrants with Attitude,” from Johnson County’s Waterone, included Tyler Nickle, Ethan Smith, and their coach Steve McMullin. They male team finished with the time of 1:55.16.

Our female team, “Master Builders,” from City of Olathe, included Nicole Woods, Sabrina Parker, and their coach Aaron Wasko. They finished with the time of 2:03.21, securing them second place overall.

Congratulations to both teams. You represented Kansas well! 🚰
Kevin Caveny, water operations manager for Water One, purchased the hunt at our Water For People silent auction and came down to El Dorado for a Friday morning hunt. I’ve been turkey hunting and guiding for over 30 years, and this hunt definitely made my top five most memorable hunts. So, here’s the story.

After hiking across what seemed to be a mile of corn-stubble, we arrived at our stand at about 5:25 a.m., with plenty of darkness to spare. I was impressed with Kevin’s catlike ability to navigate through the brush without announcing our position (that doesn’t always happen), on his way to the base of a large oak tree. I set up the decoys about 15 yards out in the corn-stubble on the edge of the field and then took my position next to Kevin to wait for first light.

A barred owl pierced the silence as we waited with anticipation to hear a startled tom gobble in response, but disappointingly, only silence. As the dark sky in the east faded from black to a bluish pink, a distant gobble reassured us there was at least one tom nearby.

After sending out a few yelping invitations, the first turkeys to arrive were a pair of hens, pecking at the ground nonchalantly as they strolled past us. A few minutes after disappearing from our sight, we heard the dreaded “put-put-put” warning call from the hens. Something had spooked them, and I was pretty sure it wasn’t us. Just then, we noticed a couple of toms were making their way to our decoys, but the warning calls of the hens were making them question their decision. I began to plead with them using my sexiest hen voice, and it seemed to work as the toms resumed their stroll into our decoys.

Kevin waited for the toms to separate and then delivered a great killshot. Before we had a chance to celebrate, and almost on report from the shot, a big
bobcat sprang from the trees about 10 yards to our right, and it appeared he was hell-bent on stealing the downed bird. Instead, he dove onto my jake decoy and mid somersault, plastic bird in his clutches, he must have realized his mistake and took off into the woods.

Kevin and I just looked at each other, like did that really just happen? The hens must have spotted the bobcat and tried to warn the toms, but as with most males hot on the trail of a female, they tend to ignore the warning signs.

It was a picture perfect hunt and a beautiful day to be in the Kansas outdoors. Thank you, Kevin, for your donation to Water For People.

WATER FOR PEOPLE

HOUSEHOLD MOBILIZATION
Encouraging the poorest of the poor to build their own toilets

PROBLEM
9M people in Malawi, Uganda, Guatemala, Honduras, Nicaragua, Bolivia, and Peru and 531M people in India are subscribing to cultural and social norms that reinforce open defecation

The majority of these people live on less than $2 a day

OPPORTUNITY
Half a million people within 20 districts across 8 countries who currently don’t have a bathroom

APPROACH
Build awareness and change behavior
• Community-based activities
• Subsidized trainings with government

PRODUCT
• Community-Led Total Sanitation
• Model Villages
• Social Art
• Self-Construction of bathrooms

PRICE
$0-TBD
• Shared labor
• Free natural resources
• Basic hardware materials

OUTPUTS & IMPACT
Roughly 500K people are Open Defecation Free

Communities are empowered to solve and own their sanitation solutions

Public and environmental health improves
Water Buffaloes Ride into Ace19

by Hank Corcoran Boyer, KsAWWA Section Manager

Kansas Section now has three Water Buffaloes: Jim Jackson, Kurt Bookout, and Hank Corcoran Boyer.

This year the Water Buffaloes rode into Longmont, Colorado, for their Saturday evening herd gathering. On Sunday morning, several of the herd rode through the mountains into Denver to the ACE19 board meeting while several others, including one of the calves, decided it was too cold and wet for them to ride through the mountains so they took a closer route through the foothills around Denver and met up with the rest at the board meeting. This was especially welcomed by the Kansas calf.

At the right are some pictures of the Kansas calf and the bike she rode in. Thank you to Jim Jackson for a great time. I’m not sure about trekking across the United States to Orlando, Florida, for next year’s gathering. I might have to take a jet plane and meet you there. 🛫
Create a Pipeline of Talent to Your Utility with WSU’s Work in Water Program

by Leslie Kimble, Wichita State University Environmental Finance Center

Wondering who will fill the shoes of your utility staff when they retire or move on to other jobs? If so, you are not alone. Water utilities across the U.S. report that there is an inadequate pool of interested and qualified employees to meet present and future replacement needs for operators and other utility staff.

This water workforce gap is not only a headache for managers but a public safety concern. WSU’s Work in Water career development program was designed as a bridge for younger workers to explore water and wastewater careers, and for utilities to find their next generation of talent. After two years of successful piloting at seven utilities with more than 200 high school students, now utilities have the opportunity to adopt WSU Environmental Finance Center’s successful water career exploration program in their own community.

EFC Program Manager Tonya Bronleewe & City of Olathe Water Production Operations Manager John Gilroy lead students through a Work in Water activity.
Attend the free Work in Water Training Session July 24 at Kansas Municipal Utilities’ Safety and Technical Conference. Facilitators will lead you step-by-step through the lessons and activities that teach students about where their water comes from, how their water is treated for drinking, and what happens to wastewater. This training will inspire attendees to think about how to adapt the Work in Water methodology for their own utility or community.

The training will also provide best practices for engaging schools, working with high school students, hosting internships and leading field trips through the treatment plants. Utilities that participate are eligible for mini grants to cover transportation and internship costs for their first Work in Water project.

Go beyond your standard recruiting methods. Adapt the Work in Water program to fit your utility’s education and workforce needs today. Learn more about Work in Water and register for the training session at http://www.wichita.edu/workinwater.

This Work in Water Training is co-located at KMU’s Safety and Technical Conference. Registration is free and separate from conference registration, but attendees are encouraged to register for the conference.

The Work in Water program was created by Wichita State University Environmental Finance Center in collaboration and partnership with steering committee members from Kansas Municipal Utilities (KMU), Kansas Department of Health and Environment (KDHE), City of El Dorado, City of Garden City, and City of Wichita. Funding was provided through and Environmental Protection Agency Environmental Education grant.
2019 11th ANNUAL JOINT CONFERENCE
August 27-29 • Capitol Plaza Hotel • Topeka, KS

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## Joint Conference Overview

### Monday, Aug. 26, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00 a.m. – 4:00 p.m.</td>
<td><strong>Golf Tournament Scholarship Fundraiser (Joint Event)</strong>&lt;br&gt;Lake Shawnee Golf Course&lt;br&gt;11:00 a.m. – Check-in and lunch&lt;br&gt;12:00 p.m. – Shotgun start, four-person scramble&lt;br&gt;Proceeds to KWEA Scholarship Fund</td>
</tr>
<tr>
<td>11:30 a.m. – 3:30 p.m.</td>
<td><strong>Sporting Clays Shoot (Joint Event)</strong>&lt;br&gt;Ravenwood Lodge&lt;br&gt;11:30 a.m. – Check-in, lunch, and practice rounds&lt;br&gt;1:00 p.m. – Shoot begins&lt;br&gt;Proceeds to Water For People</td>
</tr>
<tr>
<td>3:00 p.m. – 8:00 p.m.</td>
<td><strong>Exhibitor Setup</strong></td>
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### Tuesday, Aug. 27, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 – 9:30 a.m.</td>
<td><strong>Exhibitor Setup</strong></td>
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<tr>
<td>7:30 a.m.</td>
<td>Joint Young Professionals Breakfast</td>
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<tr>
<td>8:30 a.m. – 3:30 p.m.</td>
<td>Registration Open</td>
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<tr>
<td>9:00 – 11:00 a.m.</td>
<td>Opening Session</td>
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<tr>
<td>11:00 a.m. – 6:00 p.m.</td>
<td>Exhibits Open</td>
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<tr>
<td>11:00 a.m. – Noon</td>
<td>Biosolids Stakeholder Listening Session</td>
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<tr>
<td>11:00 a.m. – Noon</td>
<td>Refreshment Break &amp; Exhibitor Hour</td>
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<tr>
<td>Noon – 1:30 p.m.</td>
<td><strong>KWEA Awards Luncheon</strong>&lt;br&gt;KsAWWA Awards &amp; Annual Business Meeting Luncheon</td>
</tr>
<tr>
<td>1:30 – 3:00 p.m.</td>
<td>Concurrent Technical Sessions</td>
</tr>
<tr>
<td>1:30 – 2:30 p.m.</td>
<td>KsAWWA Best Tasting Tap Water Contest</td>
</tr>
<tr>
<td>2:15 – 5:00 p.m.</td>
<td>Environmental Excellence Competition</td>
</tr>
<tr>
<td>3:00 – 3:30 p.m.</td>
<td>Refreshment Break</td>
</tr>
<tr>
<td>3:30 – 5:00 p.m.</td>
<td>Concurrent Technical Sessions</td>
</tr>
<tr>
<td>4:30 p.m.</td>
<td>Exhibitor “Match the Name” Game Card Deadline</td>
</tr>
<tr>
<td>5:00 – 6:00 p.m.</td>
<td>Joint Meet &amp; Greet with Exhibitors</td>
</tr>
<tr>
<td>6:30 – 9:30 p.m.</td>
<td>All-Conference Meet &amp; Greet: Norsemen Brewing Company (pre-registration required)</td>
</tr>
</tbody>
</table>
### Wednesday, Aug. 28, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>7:30 a.m. – 3:00 p.m.</td>
<td>Registration Open</td>
</tr>
<tr>
<td>7:30 – 8:30 a.m.</td>
<td>KsAWWA OTC Breakfast Meeting</td>
</tr>
<tr>
<td>7:30 – 8:30 a.m.</td>
<td>KWEA Board &amp; Committee Chair Breakfast &amp; Annual Business Meeting</td>
</tr>
<tr>
<td>7:30 – 8:30 a.m.</td>
<td>KWEA Golden Manhole Breakfast</td>
</tr>
<tr>
<td>8:30 a.m. – 4:00 p.m.</td>
<td>Exhibits Open</td>
</tr>
<tr>
<td>8:30 – 10:00 a.m.</td>
<td>Concurrent Technical Sessions</td>
</tr>
<tr>
<td>8:30 a.m. – 2:30 p.m.</td>
<td>Operator’s Challenge</td>
</tr>
<tr>
<td>10:00 a.m. – 3:30 p.m.</td>
<td>Hydrant Hysteria Competition</td>
</tr>
<tr>
<td>10:00 – 10:30 a.m.</td>
<td>Refreshment Break</td>
</tr>
<tr>
<td>10:30 a.m. – Noon</td>
<td>Concurrent Technical Sessions</td>
</tr>
<tr>
<td>Noon – 1:30 p.m.</td>
<td>Joint Luncheon</td>
</tr>
<tr>
<td>1:30 – 3:00 p.m.</td>
<td>Concurrent Technical Sessions</td>
</tr>
<tr>
<td>1:30 – 2:30 p.m.</td>
<td>Meter Madness</td>
</tr>
<tr>
<td>2:30 – 5:00 p.m.</td>
<td>Backhoe Rodeo</td>
</tr>
<tr>
<td>3:00 – 3:30 p.m.</td>
<td>Refreshment Break</td>
</tr>
<tr>
<td>3:30 p.m.</td>
<td>Water For People Silent Auction Closes</td>
</tr>
<tr>
<td>3:30 – 5:00 p.m.</td>
<td>Concurrent Technical Sessions</td>
</tr>
<tr>
<td>5:30 – 6:30 p.m.</td>
<td>Joint Reception</td>
</tr>
<tr>
<td>6:30 – 9:00 p.m.</td>
<td>Joint Annual Awards Banquet</td>
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</table>

### Thursday, Aug. 29, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 – 8:00 a.m.</td>
<td>KWEA SSSSS Breakfast</td>
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<tr>
<td>7:00 – 8:00 a.m.</td>
<td>KsAWWA Breakfast</td>
</tr>
<tr>
<td>7:30 – 10:00 a.m.</td>
<td>Registration Open</td>
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<tr>
<td>8:00 – 9:30 a.m.</td>
<td>Concurrent Technical Sessions</td>
</tr>
<tr>
<td>9:30 – 9:45 a.m.</td>
<td>Refreshment Break</td>
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<tr>
<td>9:45 a.m. – 12:15 p.m.</td>
<td>Concurrent Technical Sessions</td>
</tr>
<tr>
<td>12:15 p.m.</td>
<td>Conference Adjournment and Prize Drawing</td>
</tr>
<tr>
<td>1:00 – 4:00 p.m.</td>
<td>KWEA ABC Testing Collections, Distribution, Plant Maintenance, Laboratory</td>
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<tr>
<td>1:00 – 4:00 p.m.</td>
<td>KDHE Water &amp; Wastewater Operations Testing</td>
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</table>
Dr. Chi Ho Sham is a vice president and chief scientist for Eastern Research Group, Inc. in Lexington, Massachusetts. Chi Ho has worked on drinking and source water protection, water quality assessment, watershed management, underground injection control, and natural resources conservation issues for over three decades. In his current role, he is developing a “total water solutions” platform that integrates practice areas including wastewater management, water conservation, water resource planning, drinking water protection, and water quality restoration. He provides technical leadership and advice on scientific research and policy development issues, with current projects in source water protection, premise plumbing, and water quality assessment. He has been an active member of AWWA since joining in 1990.

Chi Ho volunteers for not only AWWA, but the University of Buffalo College of Arts and Sciences, Dean’s Advisory Council, the Urban Watershed Research Institute, and the Conservation Law Foundation as well. He received the Volunteer of the Year Award in 2016, and now serves as chair of the Technical and Educational Council.

Chi Ho holds a B.A. in geography (with a focus on planning) from the University of Regina in Saskatchewan, Canada. He received his M.A. and Ph.D., both in geography (with focus on fluvial geomorphology and hydrology), from the State University of New York at Buffalo. Currently, he is an adjunct professor at Clark University in Worcester, Massachusetts, teaching a course on natural resources management. When not at work, Chi Ho enjoys visiting national parks and spending time with family and friends.

Does your water taste good enough to eliminate the lemon? If so, your utility should enter the annual water taste test.

**KsAWWA BEST TASTING TAP WATER CONTEST**

**TOPEKA CAPITOL PLAZA HOTEL**

**AUGUST 27, 2019**

Submit entries to Ms. Hank Corcoran Boyer, KsAWWA Section Manager, at the exhibitor registration desk by 10 a.m. on August 27.

Official Judging: August 27 at 1:30 p.m.
Tuesday Meet & Greet: Night at the Brewery

This year’s meet and greet will be held at the Norsemen Brewing Company, located in Topeka’s booming Art District “NOTO.” You won’t find any pillaging or plundering; you’ll only find tasty craft brews that belong in Viking lore. Sipping a craft beer in the sophisticated comfort of the taproom will make you feel like you have finally found Valhalla. The Norseman opened in 2016 and is the recipient of multiple awards including Small Business of the Year and “Best of Topeka.”

We invite you to try one of their creatively named, small batch hand-crafted beers, like the Odin's One-EyePA (IPA) or their Shield Maiden Wheat. A delicious barbecue meal will also be provided by KB’s Smokehouse.

Last, but not least, the entertainment for the evening will be provided by KWEA's own rock band “Greywater.” It has been a few years since they have last gotten together, but they will not disappoint.

The evening is for you and is compliments of Kansas Water Environment Association, Kansas Section of the American Water Works Association, and our generous sponsors. Sign-up for the event is available online: http://www.kswaterwastewater.com.

Don't miss out! Join us Tuesday evening for drinks, good food, and plenty of entertainment! 🔥
2019 Water For People Membership Drive, Fundraising Opportunities

by Tony O’Malley, KsAWWA Water For People Chair

The 11th annual KWEA / KsAWWA Joint Conference in Topeka is only a short time away! Please help us raise needed funds in support of Water For People. The need for Water For People’s mission and work continues to increase in developing countries around the world.

Your and/or your organization can help in one or more ways as follows:

» **Make a financial donation:**
  100% to Water For People

» **Donate a silent auction item for the annual KWEA / KsAWWA Joint Conference:**
  100% to Water For People.

» **Participate in the Water For People sporting clays shoot and barbecue lunch Aug. 26:**
  100% of the net proceeds to Water For People. Register in advance by mail or online through the conference website: [http://www.kswaterwastewater.com](http://www.kswaterwastewater.com).

» **Volunteer to serve on the Water For People committee:** Contact the committee chair. This committee provides public education seminars, disperses educational literature, hosts fundraising auctions, and organizes the sporting clays shoot.

All donors will be recognized at the conference and in our section publication. Additionally, donations greater than $250 will receive a special Water For People certificate suitable for framing. All donors will receive a tax deductible receipt via email.

“Water For People” is a nonprofit organization with a focus of providing clean, safe drinking water for the people in developing nations. With your support, we can make a difference in this critical humanitarian outreach that saves lives each and every day. [http://www.waterforpeople.org](http://www.waterforpeople.org)

Please send your donation to Hank Boyer at the address below or email to let us know that you will bring a donation to the conference.

Donations may be mailed to:

KsAWWA - Water For People
c/o Hank Boyer
P.O. Box 3046
Salina, KS 67402-3046

Water For People Committee Contact:

Tony O’Malley, Volunteer Chairman
c/o Lamp Rynearson
9001 State Line Road, Suite 200
Kansas City, MO 64114
(816) 830-1683 cell
tony.omalley@lamprynearson.com
**Monday, August 26**

1:00 Shoot

**Ravenwood Lodge**

10147 SW 61st Street • Topeka, KS

50 Clays – $47.50

25 Bird Practice – $12.50

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**DETAILS**

Regardless of skill, all are welcome to join in the fun! Shooters, spectators, and hecklers alike may share in the camaraderie and fundraising for **Water For People**.

Shooting is on an individual basis. Prizes are awarded at random. Skill is not a prerequisite. Just bring a good sense of humor and safety awareness.

**WHAT TO BRING**

Bring your own gun, ear protection, safety glasses, and ammunition (7 1/2, 8, or 9 shot). If you don’t own a gun or have any questions, please contact Tony O’Malley.

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**SCHEDULE**

**11:30 a.m. – 1:00 p.m.**

Lunch, registration, and practice rounds

*Lunch and beverages provided by UCI Industrial Construction Services—David Odell*

**1:00 – 3:30 p.m.**

Sporting clays shoot

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**DEADLINE**

Please register early. Send completed form with payment no later than August 16.

**PAYMENT**

Please make checks payable in full and mail to:

KsAWWA – Water For People

PO Box 3046

Salina, KS 67402

To pay by card, register online:

[www.kswaterwastewater.com](http://www.kswaterwastewater.com)

**QUESTIONS?**

Tony O’Malley

(816) 830-1683

tony.omalley@lamprynearson.com

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**SHOOTER REGISTRATION**

<table>
<thead>
<tr>
<th>SHOOTER NAME</th>
<th>DATE</th>
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<thead>
<tr>
<th>ORGANIZATION / COMPANY NAME</th>
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<th>EMAIL ADDRESS</th>
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<tr>
<th>NOVICE OR EXPERIENCED?</th>
<th># PRACTICE ROUNDS (0/1/2)</th>
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<th>TOTAL ENCLOSED</th>
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### MARK YOUR CALENDAR...

<table>
<thead>
<tr>
<th>Annual KWEA / KsAWWA Joint Annual Conference</th>
<th>AWWA Annual Conference</th>
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<tbody>
<tr>
<td><strong>2020</strong></td>
<td>June 14-17, 2020</td>
</tr>
<tr>
<td>Wichita Hyatt Regency / Century II</td>
<td>Orlando, FL</td>
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<tr>
<td>September 1-3</td>
<td>June 13-16, 2021</td>
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<td></td>
<td>San Diego, CA</td>
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<tr>
<td><strong>2021</strong></td>
<td>June 12-15, 2022</td>
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<tr>
<td>Topeka Capitol Plaza / Stormont Vail Events Center</td>
<td>San Antonio, TX</td>
</tr>
<tr>
<td>August 31 - September 2</td>
<td>June 11-14, 2023</td>
</tr>
<tr>
<td></td>
<td>Toronto, Canada</td>
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<thead>
<tr>
<th>KsAWWA Board of Trustees Meetings</th>
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</thead>
<tbody>
<tr>
<td>August 9, 2019</td>
</tr>
<tr>
<td>Teleconference</td>
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