

Welcome to the 2023 Annual KRWA Conference and Exhibition



March 28-30, 2023

“Quality Water — The Clear Choice” is the theme of the 2023 Annual Conference & Exhibition for water and wastewater systems sponsored by KRWA. This conference program offers an excellent day of preconference sessions on Tuesday, March 28 and a wide array of concurrent sessions on Wednesday and Thursday. This conference involves more than 80 presenters. EXPO Hall will be filled with state and federal agencies, suppliers and manufacturers, consultants and other experts. Combining the outstanding technical program with great food, hospitality and professional entertainment makes the KRWA conference a must “go-to” event. Register early and save \$30. This conference is an investment you should not miss.



WHO SHOULD ATTEND?

Everyone is welcome – city council members, mayors, operators, clerks, managers, bookkeepers, RWD board members, administrators, industry and government officials, sanitarians and plumbers! In 2022, more than 2,250 people came from 320 cities and 195 rural water or public wholesale districts. Anyone who has an interest in water or wastewater or community programs is welcome.

DATES & LOCATION

Tuesday, Wednesday, Thursday, March 28 - 30
Century II Convention Center, Wichita, Kansas



REGISTRATION

Early registration is encouraged. Register for the preconference sessions on the reverse side of the registration form. Registration forms are at the back of this booklet. Save \$30 with early registration postmarked or called in by March 15. Meal tickets should be specified with early registration. Registration name badges are required to attend sessions, exhibits or meal functions.

Operator Credits (Water and Wastewater certification) and credits for City Clerks are posted for each session. Verification forms will be in each operator’s packet. Check the box at the top of the registration form for operator credit. The operator **certification exam** is set for Thursday, 3/30 at 1:30 p.m. in Hyatt Ballroom E.

Registration forms – You may register online at www.krwa.net and then under "conference" and pay by credit card, or submit the form from the program booklet that was mailed. Return registration forms with payment to: KRWA, PO Box 226, Seneca, KS 66538. Questions? Call 785-336-3760.

Accommodations – see page 35 for hotel blocks.

CONFERENCE AT A GLANCE



TUESDAY, MARCH 28

- 7:00 a.m. 5K-KRWA run/walk
- 7:30 a.m. Registration Opens – Connecting Lobby, Century II, Hospitality – beverages, rolls and more
- 8:30 a.m. Spring Golf Tourney – Rolling Hills Golf Club (pay \$75, see registration form)
- 9:00 a.m. Attorneys’ Forum (for attorneys only)
- 9:30 a.m. City Clerks’ and RWD Office Forum, Engineers’ Forum and other preconference sessions begin
- Noon: Lunch, purchase meals on registration form
- 1:00 p.m. Preconference sessions reconvene
- 4:00 p.m. EXPO Hall opens – 365 booths
- 6:30 p.m. *Opening Nite – “Meet & Greet!”* – barbecue, social, games, \$10,000 in prizes; purchase ticket for \$20 on registration form

WEDNESDAY, MARCH 29

- 7:30 a.m. Registration Opens – Connecting Lobby, Century II, Hospitality – beverages, rolls and fruit
- 8:30 a.m. Opening Session – Concert Hall; Keynote: Gary Crain as “Gomer Pyle”
- 10:00 a.m. EXPO Hall Opens
- 10:45 a.m. Concurrent Sessions
- Noon: Luncheon – **Century II, Special Guest: Burke Griggs, Associate Professor, Washburn University School of Law**

- 1:30 p.m. Spouse Program – “Board & Brush!”
No additional charge but spouses need to mark their registration form.
- 1:30 p.m. Concurrent Sessions
- 2:45 p.m. Concurrent Sessions
- 4:00 p.m. Concurrent Sessions
- 5:00 p.m. Social in EXPO Hall
- 6:30 p.m. Awards Banquet, Awards Presentations, Entertainment “Honky Tonk Angels”

THURSDAY, MARCH 30

- 7:30 a.m.- EXPO Hall opens – pancakes & more by Chris Cakes in EXPO Hall – breakfast closes at 9:00 a.m. Purchase ticket on registration form
- 8:00 a.m. Annual Meeting of KRWA Membership, Room 209A
- 9:30 a.m. Concurrent Sessions
- 10:45 a.m. Concurrent Sessions
- Noon: Luncheon – **Century II, Special Guest: Tom Stiles, Director, Bureau of Water, KDHE**
- 1:30 p.m. Certification Exam, Water & Wastewater Small Systems, Classes I - IV, Hyatt Ballroom E

TUESDAY EVENING “MEET & GREET”

FOOD, GAMES, SOCIAL AND \$10,000 IN PRIZES!

Doors open at 6:30 p.m. Century II Convention Center

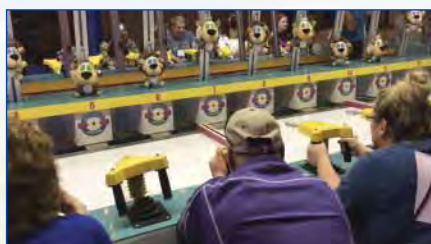
Plan now to attend the Opening Nite “Meet & Greet” that combines fun, food and fellowship. First, there will be plenty of barbecue and all the side dishes – and a beer trailer, coffee, tea and water. This year’s menu has great barbecued chicken and pork, potato salad, baked beans, cole slaw and dessert. And there are the games, including these: Deluxe Casino; Axe Throw; O₂ Bar, Kentucky Derby; One Ball; Basketball Toss; High Striker; Bugbuster; Cork Guns, Mini-Basketball, Machine Guns, the Sizzler Ride, Big Buck Hunter Arcade; Silver Strike Bowling; Fast and Furious Drifting Driver; Cruis’n



Exotica; and, Electronic Bingo! And to top it off, there’s a \$10,000 Putting Challenge.

Kansas’ oldest Rock n’ Roll band, King Midas & The Mufflers, returns, playing the best ‘60s and ‘70s rock n’ roll you will ever hear. People stand in line for the two caricaturists to draw faces. Want to win prizes? Then take

part in the games and place those tickets in your choices of game buckets for the prize drawing that begins at 9:45 p.m. The ticket price for this event is only \$20. Winners must be present.



Play the games, rack up the tickets, drop the tickets in the buckets during or at the close of the event. This is one super-social event to make new friends and renew acquaintances. Purchase your ticket on the registration form – and join in the fun at KRWA’s “Meet & Greet” Tuesday evening at Century II. Doors will open at 6:30.

WHAT THIS CONFERENCE OFFERS

9 preconference sessions on Tuesday, March 28; early registration is required.

48 concurrent sessions, Wednesday and Thursday.

365 exhibit spaces in EXPO Hall with the latest in products and services.

Attorneys' Forum – for lawyers only – a great opportunity to learn more and exchange information. Attorneys of KRWA-member utilities attend at no cost.

Opening Nite – Meet & Greet! This is a blast – with great food and social, games to play to earn tickets for the prizes. Kansas' oldest rock 'n roll band, **King Midas and the Mufflers** returns to play favorite hits.

Opening Session & Keynote – **Gary Crain** brings his impersonation of “**Gomer Pyle**” to the 2023 Conference. Sporting Gomer's signature cap with an upturned bill and service station uniform, Gary transforms into the lovable entertaining country boy.

Luncheon Speakers – **Burke Griggs, Associate Professor, Washburn University School of Law** (Wednesday), and **Tom Stiles, Manager, Bureau of Water, Kansas Department of Health & Environment**, (Thursday).

Best Tasting Water Contest, WaterPAC Raffle

Awards Banquet and Entertainment – recognition of Kansas' Best – Operators, Managers and Administrators. “Honky Tonk Angels” by The Forum Theatre's incredibly talented female performers are sure to have you clapping and stomping.

Spouse Program – Wednesday, 1:30 p.m., “Board & Brush!” in Convention Hall at Century II. Here's a perfect opportunity for spouses (ladies and gents) to socialize and have fun, all while creating a unique piece of art they can proudly display in their homes.

Operator Certification Exam – the certification exam will be given for Small System (SS) and Class I - IV Water and Wastewater, Thursday at 1:30 in Ballroom E at 1:30 p.m., March 30. Information on obtaining an exam application form can be found in this issue and online.


Annual Membership Meeting – Thursday, March 30 at 8:00 a.m. in Room 209A.

Spring Golf Tourney – Tuesday, March 28 at the Rolling Hills Golf Club, 223 S. Westlink (off of Maple and Tyler in west Wichita). This is a four-person scramble. (Name your team members). Register to play golf on the KRWA registration form. The \$75 fee includes green fees, cart rental and box lunch. Remit payment to KRWA. No jeans and no spikes!

The Best in Kansas

- ★ Best Tasting Water
- ★ Friend of Rural Water
- ★ Rural Water Operator
- ★ Municipal Operator
- ★ Rural Water Manager
- ★ Municipal Business Manager
- ★ Rural Water Office Manager
- ★ Wastewater Operator
- ★ Most Improved Water System
- ★ Special Recognition






Working with Kansas communities and Rural Water Districts to meet their water and wastewater needs for over six decades

We have offices across Kansas ready to work with you!

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Manhattan	785.539.4687	Wichita	316.722.4472

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SPECIAL GUESTS, LUNCHEON SPEAKERS

Burke Griggs, J.D.

Washburn University School of Law
Speaker, Wednesday Luncheon

Burke Griggs is Associate Professor of Law at Washburn University. He teaches property law to first-year students and natural resources law to upper-division students. His research agenda follows three interwoven lines of inquiry: the history of property rights regimes in natural resources; the geophysical aspects of natural resources and how they respond to different forms of ownership, exploitation, and regulation; and the diverse political cultures of the owners and communities which compete for and contest the use of these resources.

Prior to joining Washburn in 2016, he practiced water law in both the public and private sectors. As an assistant attorney general, he represented Kansas in federal and interstate water matters including the Republican River Compact against Nebraska. For the first time in its history, the Supreme Court awarded disgorgement of the violating state's ill-gotten gains (*Kansas v. Nebraska*, 135 S.Ct. 1042 (2015)). Professor Griggs also served as lead counsel for Kansas in the negotiations over the Kickapoo Tribe reserved water rights settlement, the first of its kind in Kansas. Outside of the litigation arena, he has advised Kansas' natural resources agencies on matters of natural resources law and policy. Griggs earned a B.A. from Stanford, M.A. and Ph.D. from Yale and J.D. from the University of Kansas.



Tom Stiles

Director, Bureau of Water, KDHE
Speaker, Thursday Luncheon

Tom Stiles is Director of the Bureau of Water at the Kansas Department of Health and Environment. He oversees programs that include design review and permitting to a host of regulatory matters related to compliance of water and wastewater systems with state and federal regulations. Stiles will discuss emerging issues and opportunities presented as we enter the third year of President Biden's Administration, particularly actions coming out of the U.S. Environmental Protection Agency.

The Bureau of Water administers programs related to public water supplies, wastewater treatment systems, the disposal of sewage, the assessment of the State's waters and underground injection control and hydrocarbon storage. These programs are designed to provide safe drinking water, prevent water pollution and help assure compliance with state and federal laws and regulations such as the Clean Water Act and Safe Drinking Water Act.

Stiles' work with Kansas water agencies dates back to 1982 when he began as Hydrologist at the Kansas Water Office. He was named Assistant Director in 1992. He joined KDHE in 1998 to create the Kansas TMDL program where he was responsible for the state's Total Maximum Daily Load (TMDL) program. He was named Director of the Bureau of Water in 2019. Stiles earned a B.A. from Colorado State and M.A. at the University of Minnesota.



ACCOMMODATIONS

Ambassador Hotel, 104 S. Broadway, Ph. 316/239-7100; comp shuttle to Century II. \$169 flat; \$12.00 daily parking fee

Best Western Plus Eastgate Inn & Suites, 8300 E. Kellogg; Ph. 316/682-3000. Free breakfast; new hotel in 2009; Single or Double \$89

Best Western Plus West Wichita Airport, (Formerly Hampton Inn) 3800 W. Kellogg; Ph. 316/854-5050; comp. airport shuttle and deluxe hot breakfast bar; \$89.99 flat.

Drury Plaza Hotel Broadview, 400 W. Douglas; Ph. 316/262-5000; Newly renovated; Free hot comp. breakfast; free 5:30 Kickback; Use group #2442530; \$10.00 daily parking fee; Single or Double \$159

Fairfield Inn Suites by Marriott, Wichita Downtown, 525 S. Main. New in 2011. Comp. shuttle to Century II; expanded comp. breakfast. Ph. 316/201-1400; \$157 King or Queen



When booking rooms, be sure to ask for the KRWA room block.

Hawthorn Suites Wichita Airport, 5500 W. Kellogg Dr.; Ph. 316/943-2181; Complimentary Hot Breakfast; \$85 Flat

Hilton Garden Inn, Wichita Downtown, 401 E. Douglas; New in 2019; Ph. 316/669-6175; \$154 flat. Complimentary Parking

Holiday Inn Select, 549 S. Rock Road; Ph. 888/558-5113 or 316/686-7131, for king or double, (one to four persons); \$96 flat

Home2Suites by Hilton, 200 N. Sycamore St.; Ph. 316/867-6505; \$159 Queen; \$164 King; \$169 Double; \$179 King Suite

Hotel at Old Town, 830 E. First, complimentary parking garage; complimentary hot buffet breakfast; Ph. 316/267-4800; \$147 Queen; \$147 King

Hyatt Regency, attached to Century II, complimentary parking garage; Ph. 316/293-1234; \$165 single; \$165 double

LaQuinta Inn & Suites, 6335 W. Kellogg Dr.; Ph. 316/943-2373; complimentary breakfast; \$99 flat

TUESDAY MORNING WAKE UP!

THE “ALMOST 5K-KRWA CONFERENCE RUN/WALK”

Even if it's cool out, we're ready to run or walk! This is a 2.75-mile track that takes you along the Riverwalk path adjacent to the Arkansas River near Century II. You don't have to be a professional runner to enjoy an early morning outing.



When and where? Assemble in the area of the registration booth in the Connecting Lobby at Century II at 7 a.m.

The path is from Century II, then south across the Arkansas River and then north to Exploration Place. Then turn east; watch the sun rise over the Keeper of the Plains as you cross back over the Arkansas River. Then follow the Riverwalk past the Drury Inn and you're into the home stretch with the finish line back at Century II.

There's no cost to participate. The top three placers will receive trophies. Only registered conference attendees may enter. This run/walk is not open to the public!

All ages and paces are welcome! Let's make it fun!

DATE: TUESDAY MARCH 28

WHERE TO START: CONNECTING LOBBY, CENTURY II

TIME: 7 AM, RAIN OR SHINE

DISTANCE: 4.4K - 2.75 MILES



Yes, they are back – and by popular demand! The incomparable *Butler Headliners* will help get the 54th Annual Conference off to a rousing start with a show called “Seasons of Growth”. They perform at the Opening Session, Wednesday, March 29 at 8:30 a.m. in Concert Hall.

A UNIQUE CONFERENCE . . .

THERE ARE MANY REASONS TO ATTEND THE KRWA CONFERENCE

There are many reasons to attend the KRWA conference. Here are a few:

To network: Meet with industry peers – and meet new people. The KRWA conference is a good place to meet with people in the industry who you otherwise would likely never have the opportunity to meet. This conference has you among friends!

To learn: There have been many changes in the water and wastewater industries. From new technologies to changing regulations, new products and services, attend this conference to meet with the experts from across the country.

To share your ideas: The KRWA conference brings people from across Kansas from 330+ cities and 200 rural water, public wholesale systems, etc. Meet with peers exchange ideas.

To meet experts: Benefit from the expertise of some of the leading authorities in Kansas and from across the U.S.

To gain value: Gain access to all the resources you need to help you and your community to make improvements. Explore EXPO Hall. The KRWA Conference & Exhibition is among the largest in the U.S.

To expand your interest: This conference has sessions to help attendees expand their field of interest. Board and council members, utility staff members from operators to managers, administrators, city clerks and office staff – there is something for everyone all the time.



TASTE TEST – WATERPAC

BEST TASTING WATER IN KANSAS CONTEST

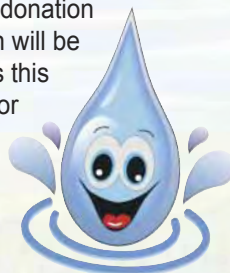
Every water system has good water – but some may be better than others. Let's put them to the test. In 2002, the city of Emporia won and was among the five finalists in the nation; in 2003, Public Wholesale District No. 4 won and placed first in the nation! In 2012 and 2016, Emporia placed second. In 2021, a sample was submitted from WaterOne which placed first in the U.S.

How to enter? It's easy. Bring a one gallon sample of water (in a glass container) from your city or rural water district to the registration desk at Century II by **noon on Tuesday, March 28**. A panel of three water industry professionals will judge the samples that afternoon. The winner will advance to represent Kansas in the Great American Water Taste Test at National Rural Water's "Rural Water Rally" in Washington, D.C. in February. The 2022 winner, the city of Arkansas City, will be entered in the 2023 national contest to be held in Washington in February and the winner at the KRWA 2023 conference will be entered in the national contest in 2024.



SUPPORT "RURAL WATER" THROUGH THE WATERPAC RAFFLE

The WaterPAC Raffle supports the National Rural Water Association's political action committee. In 2022, WaterPAC raised \$6,298. Since KRWA began supporting WaterPAC, conference-goers have donated \$98,961. As an affiliate of the National Rural Water Association (NRWA), KRWA members benefit from the legislative representation of NRWA in Washington. The WaterPAC Raffle is an opportunity for conference-goers to support the NRWA political action committee. Stop by the KRWA booth in EXPO Hall to take a look at the WaterPAC Raffle items. Then make a donation and have opportunities for drawings which will be held at the Thursday luncheon. The prizes this year include the king-size quilt "Fanfare For The Heroes", large screen TV, and many other great prizes. KRWA donates the prizes. It's your opportunity to win and support WaterPAC.



CERTIFICATION EXAMS



WATER OR WASTEWATER OPERATOR CERTIFICATION EXAM – SMALL SYSTEM, CLASS I, II, III AND IV

Thursday, March 30, 1:30 P.M.

Hyatt Ballroom E

The Kansas Department of Health and Environment requires that the exam application be received by KDHE at least two (2) weeks prior to the exam date (or March 16). For an exam application, please call KDHE at 785/296-5511 or print an application from KDHE's Website <https://www.kdhe.ks.gov/638/Water-Wastewater-Operator-Certification>. See bottom two links for the applications. **The application and payment must be mailed to KDHE and received by KDHE by March 16.** The exam will begin at 1:30 p.m. to allow operators ample time to attend the Thursday noon luncheon.

CELL PHONE ETIQUETTE – RESPECT FOR OTHERS

Nearly everyone carries a cell phone; a cell phone is a tremendous tool and convenience, KRWA requests that when attending the opening session, the concurrent training sessions, the noon luncheons or other events during the conference, attendees should place their cell phone on silence. No one wants to be distracted because of a ringing cell phone or someone taking a call when in a group. If you receive a call, it's a basic courtesy to depart the room and return the call or wait until break.

ANNUAL MEMBERSHIP MEETING

The annual meeting of KRWA membership and business meeting will be held in Meeting Room 209A beginning at 8:00 a.m., Thursday, March 30. Delegate forms were mailed to all voting members on January 4, 2023. Check with your city or RWD's office to ensure that your voting delegate is registered.

ATTORNEYS' FORUM

PRECONFERENCE SESSIONS TUESDAY, MARCH 28

Tuesday, March 28, 9:00 a.m.
Trail Rooms

Quality Water – The Clear Choice!

This Attorneys' Forum celebrates its 24th anniversary at the 2023 KRWA conference. The Forum is intended to provide an opportunity for KRWA-member water and wastewater system attorneys to discuss topics of interest and concern. Those who attend will receive 6.5 hours of Continuing Legal Education (CLE) credit with two hours of ethics credit. There is no charge to attend, but because of room size, attendance is limited to the first 40 registrants.

7:30 a.m.: Registration opens. Pick up attendee portfolio; complimentary hospitality in Connecting Lobby, Century II.

9:00 – 9:50: Roundtable Discussion (Part I) Q&A on Easements; Lack of Easement for Existing Lines; Consent of Mortgagees, Scope.

9:50 – 10:40: Effective and Ethical Practice Before the District Court. Larry D. Hendricks, District Court Judge, (Retired), Topeka, Kan.

10:40 – 10:55: Break

10:55 – 11:45: Call Saul: Breaking Bad Ethics. Kathleen J. Selzler Lippert, Office of the Disciplinary Administrator, Topeka, Kan.

11:45 – 1:00: Lunch, provided compliments of KRWA

1:00 – 2:00: Roundtable Discussion (Part II): Open Records Update, 12-539 Territorial Issues; Physical Requirement in Hiring; Service by City/RWD in Territory of the Other

2:00 – 3:30: Acquiring, Changing and Transferring Kansas Water Rights. Burke W. Griggs, Associate Professor of Law, Washburn University, Topeka, Kan. David M. Traster, Foulston Siefkin, LLP, Wichita, Kan.

3:30 – 3:45: Break

3:45 – 4:15: Roundtable Discussion (Part III) Caselaw and AG Opinions.

4:15: Adjourn. Exhibit Arena Opens. Complimentary social in EXPO Hall, Century II Convention Center; Meet & Greet opens at 6:30.



9:30 a.m., Room 210A

2023 ENGINEERS' FORUM FOR WATER AND WASTEWATER SYSTEMS

While this forum may appear to be for "Engineers", it is open to anyone who may have water, wastewater or other essential community facility improvement needs. This training will provide the most current Guidance for the Use of Engineers Joint Contract Documents Committee (EJCDC) Documents on Water and Waste Projects with RUS Financial Assistance (RUS 1780-26) and information on the continued compliance of American Iron and Steel (AIS) Requirements with Rural Utilities Service Financial Assistance (RUS 1780-35). This training will help engineers, environmental consultants, and other professionals that provide services to applicants by preparing Engineering and NEPA documents.



7:30 a.m.: Registration opens.

9:30 - 9:45: Welcome and Logistics. Dan Fischer, Community Programs Director, Rural Development, United States Department of Agriculture

9:45 – 11:45: PER Requirements, Project Environmental Review, US Bulletin 1780-35 and American Iron and Steel Requirements. Muhammad Khan, Civil Engineer, Rural Development, United States Department of Agriculture

11:45 – 1:00: Lunch

1:00 – 2:00: RUS Bulletin 1780-26 and 2018 EJCDC Documents. Muhammad Khan, Civil Engineer, Rural Development, United States Department of Agriculture

2:00 – 2:15: Break

2:15 – 3:00: Program Topic Updates. Dan Fischer, Community Programs Director, Rural Development, United States Department of Agriculture

3:15: Wrap-up and Questions

3:30: Adjourn. Join friends in EXPO Hall; exhibits open at 4 p.m.

No operator credit is awarded for attendance.



PRECONFERENCE SESSIONS

TUESDAY, MARCH 28

9:30 a.m., Hyatt Ballroom D

WATER OPERATOR EXAM REVIEW –

PREPARING FOR CERTIFICATION

This session is a must for operators planning to take the KDHE certification exam. This session offers water operators an excellent opportunity to refresh and to review prior to taking the operator certification exam. Even those operators already certified will find this session very informative.



The session will review many sample questions and provide the correct answers, including a short explanation of why the answers are correct. These sample questions will cover a number of topics including the following:

- Chlorination concepts (free vs. combined, etc.)
- Chlorine residual monitoring
- Sample collection procedures (bacteriological, THM/HAA5, lead and copper, etc.)
- Well operation and maintenance
- Knowledge of water quality issues
- Regulatory update/Maximum Contaminant Levels (MCLs)
- Distribution system operation, including leak detection, waterline disinfection procedures, water loss, storage tanks
- Review of plans required by KDHE, including Emergency Operations Plan, Cross-Connection Control Program, Bacteriological Sampling Plan
- Safety issues and procedures (trenching, confined spaces, chemical handling, gas chlorine, etc.)
- Basic math calculations including surface area, volume, chemical dosages, water pressure, etc.

Again, the material presented in this session will be helpful to operators planning to take the water exam. Also, all levels of certification should find the information useful. There will be ample time available to answer your questions, so don't be shy!

PRESENTER:

**DARYN MARTIN, KANSAS RURAL WATER ASSOCIATION,
EL DORADO, KANSAS**

Moderator: Bill Shroyer, City of Sabetha, KRWA

Water operators who attend will receive five hours of credit toward operator certification renewal.

9:30 a.m., Hyatt Ballroom E

ABCs of VFDs



Can you imagine a day without water? No morning coffee or a hot shower? Breakfast would be different, no eggs (it takes about 120 gallons to produce one egg), no bread (it takes about 1,000 gallons of water to grow the wheat to make a two-pound loaf of bread), no bacon (50 gallons PER SLICE!), limited cow's milk (48 gallons per 8oz glass) so that means no cereal, yogurt, cheese, butter...

The availability of clean water can be a luxury but is a life sustaining requirement; it is not an entitlement and its availability may require that we all make sacrifices to ensure adequate supply. We need to spend a little more now to ensure future water availability since our aging infrastructure is risking the availability of clean water and the removal of wastewater. This training session provides generic, customer-focused information on drives and controls for municipal and industrial water and wastewater industries. Here are topics this session covers:

- ABCs of VFDs – What is a VFD and What Is It For? This session will begin with an introduction to motors and their controls. Learn how VFDs work, what they do and what you'll need to know when choosing a VFD for your system.
- VFD Application and Safety. VFDs offer energy savings when correctly installed and operated. This session explains what you need to know to select the proper VFD and safely operate it.
- VFD Maintenance and Troubleshooting – Does it need grease? Just like other equipment, VFDs require preventative maintenance to extend their life. Learn basic maintenance and troubleshooting tips you can apply in your system.

PRESENTER:

JEFF BERGMAN, ABB, INC., ORLANDO, FLORIDA

*Moderator: Derek Kling,
City of El Dorado, Kansas*

Water and wastewater operators who attend will receive five hours of credit toward operator certification renewal.

PRECONFERENCE SESSIONS

TUESDAY, MARCH 28

9:30 a.m., Room 209 A

ACTIVATED SLUDGE — FROM PROCESS TO TROUBLESHOOTING

What is activated sludge and why is it used so extensively? Learn about the process and why it is an effective method for treating large quantities of raw wastewater. This session will also discuss the means of controlling both physical and biological components of the process. Learn all variables for controlling the activated sludge process and when to adjust each to achieve optimum treatment. Other topics included in this training will be process control lab tests and interpretation of the results.



No matter what type or size of activated sludge system is being operated, attend this session and take home helpful and time-saving techniques to optimize plant performance. For example, the advantages and disadvantages of calculating Food/Microbe ratios (F/Ms), Sludge Retention Times (SRTs), and Mean Cell Residence Times (MCRTs) will be reviewed. Learn which method is best for the situation and how to minimize the operations lab time. Learn the techniques to solve challenges with the activated sludge process. The discussion will review prevention, short-term and long-term solutions, and how the hardening of the system can prevent or absorb future shocks and upsets. Nitrogen and phosphorous removal will also be reviewed as it is becoming an important issue in many areas of the country. This session will address the causes and effects of nutrients in receiving streams and the treatment technologies available to remove them before discharge. It is necessary to monitor different areas of the process stream to maximize treatment. This session will show the where what, and how to properly evaluate treatment processes for effective nutrient removal.

PRESENTER:

MICHAEL BROWN, PRIVATE CONSULTANT, PITTSBURG, KANSAS

*Moderator: Shane Browning, Redbarn Pet Products
Great Bend, Kansas*

Wastewater operators who attend will receive five hours of credit toward operator certification renewal.

9:30 a.m., Room 209 B

CITY CLERKS' FORUM: MAKING CLEAR CHOICES



Here are topics to help city clerks make clear choices.

9:30 - 11:00: Grant Writing. This session will cover the five basic steps in the grant writing process – Identifying your community's needs, finding funding sources, finding partners, tips and tricks for preparing the proposal, and project management after the award. Learn about best practices for proposal preparation for small and large grants and the best way to get started. Experienced grant writers will hone critical skills that impact application success.

PRESENTER: DEB OHLDE, NORTH-CENTRAL REGIONAL PLANNING COMMISSION, BELOIT, KANSAS

11:15 - 12:00: Emergency Water Assistance Program. This session will provide an overview of the Emergency Water Assistance Program (EWAP) a federally funded program being administered for Kansas residents by the Kansas Department for Children and Families (DCF). Learn about funds available to help restore or prevent disconnection of water to Kansas households, what households qualify for funding, and the process utility owners need to utilize to receive payments.

PRESENTER: KRISTAN HARDISTER, KANSAS DEPARTMENT FOR CHILDREN & FAMILIES, WICHITA, KANSAS

1:00 - 2:00: Lead Service Line Inventory. As required by the recent revisions to the Lead and Copper Rule (LCRR), all water systems must develop a Lead Service Line Inventory (LSLI) and submit it to the KDHE, no later than October 16, 2024. Attend this session to learn what information will need to be included, how to obtain information, and how to document information using KDHE's spreadsheet.

PRESENTER: ROBERT GAVIN, KANSAS DEPARTMENT OF HEALTH & ENVIRONMENT, TOPEKA, KANSAS

2:00 - 4:00: Customer Experience Mapping, Charting a Path to Success. Public service customers can't always leave and take their business elsewhere, they are often solely dependent on our offices, and their experiences can lay the foundation for community prosperity and growth. Customer experience mapping is a powerful tool to chart how customers interact with your office. We will map customers' experiences interacting with your office through six customer service attributes. You will identify possible pain points, and solutions, and develop a strategy to increase the level of your customer satisfaction.

PRESENTER: DEBORAH KOHL, K-STATE RESEARCH & EXTENSION, MANHATTAN, KANSAS

Moderator: Kim Everley, City of McClouth, Kansas

***The IIMC Education Department is reviewing the City Clerks' Forum and all concurrent sessions for 1 CMC or 1 MMC point.**

PRECONFERENCE SESSIONS

TUESDAY, MARCH 28



9:30 a.m., Room 210C

REMOTE DATA COLLECTION AND INTEGRATION TO IMPROVE OPERATIONS AND MANAGEMENT

Remote data collection and integration have come a long way in the last five years. We finally have the ability to understand the data collected by meters in a way that allows water systems to serve their customers, maintain their systems, and conserve water use without the tedious day-to-day operations.



Automatic Meter Reading and Advanced Metering Infrastructure have changed the game. Both allow for simple, remote data collection at the meter level that can be integrated into third-party software for full rendering of system information, paperless management, and elite computational analysis creating a complete picture of the system.

The panel will discuss how remote data collection has evolved, the technologies available, new integrations for improving operations and management, and the implication of these technologies on the future of water and the environment. Special attention will be paid to AI-assisted data management, understanding and utilizing data collected from AMR and AMI devices, and combining manual and digital data for detailed output and management. They will also discuss water scarcity and bringing in non-profit organizations to assist with environmental impact.

PRESENTERS:

NICK POLSINELLI, INFORMATIONAL DATA TECHNOLOGIES, WATERTOWN, SOUTH DAKOTA

CHRIS SOSNOWSKI, WATERLY, CHICAGO, ILLINOIS

LUKE BUTLER, P.E., QATIUM, TORONTO, ONTARIO, CANADA

Moderator: Chad Buckley, City of Lyons, Kansas

Water and Wastewater operators who attend will receive five hours of credit toward operator certification renewal.



9:30 a.m., Room 210B

BECOMING AN EFFECTIVE AND EFFICIENT BOARD OR COUNCIL MEMBER

Board and council members are public servants who represent the utility customers. Important decisions are made by board and council members during every meeting. Many board and council members often do not have a clear understanding of their role nor do they have an understanding of core principles for effective governance. Generally speaking, most board and council members do not have the same level of expertise as staff. As representatives of the public, however, it's the board or council members who bear the burden for sound decision-making on behalf of the public they represent. This training session will provide many tools and resources to help board and council members gain confidence and governance skills. The agenda includes group exercises that will encourage discussion and participation.



Serving on a board or council is a great honor and even greater responsibility. Attend this session to help yourself and your RWD or city.

Here are some of the topics that will be covered:

- Role of the board/council as representatives of the public
- Role of the individual board member
- Legal and individual responsibilities of board and council members
- Role of staff and management
- Conducting effective meetings
- Setting/creating agendas
- Grant writing

PRESENTERS:

BETTY JOHNSON, BETTY JOHNSON & ASSOCIATES, LAWRENCE, KANSAS

BETSY WEARING, DANE G. HANSEN FOUNDATION, LOGAN, KANSAS

Moderator: Rita Clary, National Rural Water Association

No operator credit is awarded for this session.

PRECONFERENCE SESSIONS

TUESDAY, MARCH 28

9:30 a.m., Room 202

RWD MANAGERS AND BOOKKEEPERS FORUM



Rural water managers and office staff need to be well-versed with various aspects of the operation and administration of the public water system. Knowledgeable management is essential when dealing with customers, consultants or contractors.

9:30 – 10:45 am: Understanding Legal Descriptions; Easements

In many instances, rural water districts must deal with the complex rules about easements in order to get water to the next customer. This presentation will review of legal terms regarding real property and the reasons behind the easement rules. Attendees will also learn how to understand legal descriptions.

**PRESENTER: KELLY RUNDALL, ATTORNEY AT LAW,
WICHITA, KANSAS**

11:00 – noon: Lead Service Line Inventory. As required by the recent revisions to the Lead and Copper Rule (LCRR), all water systems must develop a Lead Service Line Inventory (LSLI) and submit it to the Kansas Department of Health & Environment (KDHE), no later than October 16, 2024. Attend this session to learn what type of information will need to be included in the inventory, how to obtain the information, and how to document the information using KDHE's LSLI spreadsheet.

**PRESENTER: ROBERT GAVIN, KANSAS DEPARTMENT OF HEALTH & ENV.,
TOPEKA, KANSAS**

1:00 – 2:00 pm: Emergency Water Assistance Program. This session will provide an overview of the Emergency Water Assistance Program (EWAP) which is a federally funded program that is being administered for Kansas residents by the Kansas Department for Children and Families (DCF). Learn about the funds that are available to help restore or prevent disconnection of water to Kansas Households, what households qualify for funding, and the process utility owners need to utilize in order to receive payments.

**PRESENTER: KRISTAN HARDISTER, KANSAS DEPARTMENT FOR
CHILDREN & FAMILIES, WICHITA, KANSAS**

2:15 – 2:45 pm: Tracking Water Use and Water Loss

Are you waiting until February 28th of each year to submit the required annual Water Use Report to the Division of Water Resources? If so, this presentation is for you. Attendees will learn how to use a simple spreadsheet to calculate water use and water loss monthly. It's a useful tool to help water systems identify when a problem with loss occurs and makes the end-of-year reporting process easier.

PRESENTER: GREG METZ, KANSAS RURAL WATER ASSOCIATION

3:00: Questions and Answers. The facilitators will monitor a period of roundtable discussions.

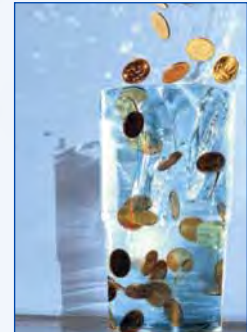
*Facilitators: Brenda Adkins, General Manager, Jackson RWD 3
Denise Eggers, Office Manager, Jefferson RWD 12*

No Operator credit is awarded for this session.

9:30 a.m., Room 203

TOOLS AND TECH FOR BUSINESS CONTINUITY IN PUBLIC WORKS

Staff come and go. Facilities are built and function for a while, but also must be replaced eventually. Everything changes over time in the public utility services realm except for one thing – the show must go on.



This session covers asset management, rate analysis and rate setting as overarching themes. The trainers also drill down into major technologies, business processes, resource requirements, business continuity and succession planning, emergency response and crisis management, use of the "Cloud" and mobility, use of a distributed workforce, and other critical issues organizations need to handle well to be high-performing, resilient and sustainable. This session will help you to better fulfill your role in utility service and to see how you are part of a bigger team effort.

TRAINERS:

ARNAB BHOWMICK, FOUNDER AND CEO OF AKTIVOV ASSET MANAGEMENT LLC., SEATTLE, WASHINGTON. "Arnie" has a bachelor degree in civil engineering and master's degrees in GIS/BIS and sustainable engineering technologies. He has been advising private and public sector executives, managers, and department heads for a couple of decades on asset management, GIS/IT, business continuity, technology trends, and e-governance. He has worked for many multinational firms.

CARL BROWN, PRESIDENT, GETTINGGREATRATES.COM, COLUMBIA, MISSOURI. Carl serves as the analyst for the Kansas RATES Program and six other associations. As a private consultant since 2005, he has completed more than 350 water, sewer, stormwater, sanitation, landfill, and electric rate analyses. Carl Brown serves as the analyst for the Kansas RATES Program, as well as similar programs with the Colorado, New Mexico, Nevada, North Dakota, Virginia, and Wyoming rural water associations.

*Moderator: Rodney Eggleston,
City of Valley Center, Kansas*



OPENING SESSION WEDNESDAY, MARCH 29

7:30 a.m. Registration Opens, connecting lobby, Century II; complimentary beverages, rolls, muffins and more at the entrance to Concert Hall. Exhibits open 10 a.m.

OPENING SESSION

8:30 a.m., Concert Hall, Century II

- Welcome: Paul Froelich, President, KRWA
- Invocation: Carl Chalfant, Director, KRWA
- "Seasons of Growth", Butler Headliners

KEYNOTE SPEAKER

Gomer Pyle and all his friends!

Gomer Pyle was a sweet but not-too-smart U.S. Marine from Mayberry, North Carolina who was stationed at Camp Henderson near Los Angeles, California. Gomer's innocence, naivete', and low-key demeanor often got him into trouble, most frequently at the hands of his loud-mouthed superior, Sergeant Carter.



Gary Crain, of Searcy, Arkansas has perfected his impersonation of Gomer through the years. What once stated out as simple fun has turned into a more permanent gig. He's turned into a wonderful tribute artist and his voice is not to be missed. Sporting Gomer's signature cap with an upturned bill and service station uniform with that ever-present handkerchief dangling from the back pocket, Gary easily transforms into the lovable country boy and entertains audiences across the nation.

Gary will also be giving impersonations of some of Gomer's friends including Barney Fife, Floyd the Barber, Bill Clinton, John Wayne and Walter Brennan. And "Gomer" sings Elvis too!

"Surprise, Surprise, Surprise!" KRWA conference-goers are in for not only an exceptionally funny Opening Session — "Shazam!" and "Gaaw-aawly-ly" — but also one with a message from the heart.

Water and wastewater operators will receive 1.5 hours of certification credit for attendance; must be there at 8:30 a.m.

Special Note: A drawing will be held for two \$250 VISA cards at the close of the Opening Session. Turn your ticket in when you enter the Concert Hall for the Opening Session. Must be in by 8:30 a.m.

SPOUSE PROGRAM



Board and Brush! - a DIY Event!

The 2023 conference brings another exciting Spouse Program to Century II Convention Center.

When: 1:30 p.m. Wednesday, afternoon, March 29

Where: Convention Hall, Century II Convention Center

This year's Spouse Program is a perfect opportunity for spouses (ladies and gents) to socialize and have some fun, all while creating a unique piece of art they can proudly display in their homes. There's nothing quite like bonding with others over a hands-on, inspiring DIY event!



Get hands-on instruction

The Wichita studio team of Board & Brush will provide various design options. All materials will be provided – and KRWA will provide the coffee, tea, red wine, chocolate-covered strawberries and cookies for what is sure to be a great time in a fun atmosphere.



KRWA requests advance registration to attend the Spouse Program. The Association needs to arrange for the materials, which again will be complimentary – but KRWA must know how many will attend so that adequate arrangements will be in place. A special ticket will be included with your name badge when checking in at the registration counter.

The Board & Brush Spouse Program will be held in Convention Hall at Century II immediately following the Wednesday noon luncheon.

Thank you to all of the companies and agencies that provided sponsorships for the 2023 conference. See the listing in this issue and online.

CONCURRENT SESSIONS

WEDNESDAY, MARCH 29, 10:45 A.M.



Hyatt Ballroom D

Moderator: Spencer Walker
City of Mulvane

Op. Credit: W

PREPARING AN INVENTORY UNDER THE LCRR

There is still uncertainty about what the Lead and Copper Rule will require when the dust settles. One of the requirements under the Lead and Copper Rule Revisions that EPA says will NOT change is to prepare a Service Line Inventory of all customers served by your water system. Learn how to prepare an inventory and obtain the information needed to complete your inventory. Session attendees will also become familiar with KDHE's spreadsheet for listing all needed information.

Robert Gavin, P.G.

Kansas Dept. of Health & Env.
Topeka, Kansas

Hyatt Ballroom E

Moderator: Austin Torrente
Mayer Specialty Services

Op. Credit: WW

CASE STUDY: TRENCHLESS SEWER LINE REHABILITATION

The city of Hooker, Oklahoma was in a pinch, literally, as a segment of sewer main that carries the majority of the town's flow, and runs under the railroad tracks, was choked down. Television inspection discovered that the 12-inch line had been reduced to half capacity from tuberculation build-up. This case study covers why a routine sewer maintenance program is vital and without it, the city would have not found this problem before it became catastrophic.

Melinda Lambert

Mayer Specialty Services, LLC
Goddard, Kansas

209 A

Moderator: Jay Russell
Public Wholesale District 11

Op. Credit: W

TAKING THE MYSTERY OUT OF CONTROL VALVES

Automatic valves that control storage tank levels maintain pressure, or control flow seem difficult to understand and intimidate many operators. This session will remove the mystery surrounding automatic control valves. Learn how they operate in a simple on/off scenario, how to use system pressure to operate the valves, and how to know they will close when we want them to. Gain insight into the simple pilot system and exactly how these things really work.

Robb White

ESI Water
Olathe, Kansas

209 B

Moderator: Dennis Enneking
City of Sabetha

Op. Credit: None; Clerk IIMC*

THE BIPARTISAN INFRASTRUCTURE LAW

The Bipartisan Infrastructure Law (BIL) provides historic investment in U.S. infrastructure, with \$1.2 trillion in formula and discretionary funding for transportation, energy, cybersecurity, broadband, water and resilience. Kansas is estimated to receive \$3.8 billion in formula funds over a five-year period. This session provides an introduction to BIL and its potential impact in Kansas. Learn about the Kansas Infrastructure Hub and how local officials are able to position their communities for success.

Vanessa Lemoreaux

Kansas Dept. of Transportation
Topeka, Kansas

210 A

Moderator: Darrell Shippy
Kansas Dept. of Health & Env.

Op. Credit: W & WW

WORKZONE TRAFFIC CONTROL FOR UTILITY PROJECTS

Work zones can be unexpected and surprising events for drivers. A surprised driver is more likely to make a wrong decision. Uniformity is one of the best ways to present information to drivers in a way that they will quickly understand, resulting in correct responses and safer work zones. This presentation will summarize Part VI of the Manual on Uniform Traffic Control Devices (MUTCD) with emphasis on short-term work zone setups that utility workers are likely to use.

Dr. Steven Schrock

KU Transportation Center
Lawrence, Kansas

210 B

Moderator: Kyle Boyd
Sedgwick RWD 3

Op. Credit: W & WW

FREE VS. COMBINED CHLORINE: WHAT'S THE DIFFERENCE?

The most important job of an operator is ensuring safe water is delivered to customers. Kansas drinking water regulations require Public Water Supplies to disinfect and maintain certain levels of chlorine residual in the water. The requirements are different depending on if your water contains "Free" or "Combined" chlorine. This session will explain the differences between "Free" and "Combined" chlorine, what the terms represent and how your water system is affected by each.

S. Patrick McCool

Kansas Rural Water Association
Wichita, Kansas

210 C

Moderator: Jeremy Sigler
City of Chanute

Op. Credit: W & WW; Clerk IIMC*

THE KANSAS ENVIRONMENTAL INFORMATION MANAGEMENT SYSTEM

There's a new acronym; it's KEIMS – the Kansas Environmental Information Management System. KEIMS is the new online data management system built to improve communication between the various regulatory programs within KDHE and the regulated community. KEIMS can be accessed by both internal users and external users to create and manage applications, submissions, and even payments. Attendees will learn how to successfully integrate this new program into their system. Anyone can become a KEIMS user.

Debbie Mendenhall

Kansas Dept. of Health & Env.
Topeka, Kansas

203

Moderator: Tony Stahl
Kansas Dept. of Health & Env.

Op. Credit: W & WW

HARMFUL ALGAL BLOOM MONITORING IN KANSAS

KDHE maintains two Harmful Algal Bloom (HAB) Programs with established HAB response strategies. The recreational component evaluates impacts in the State's surface waters using measured algal cell counts and toxin concentrations, and a voluntary drinking water supply component, which monitors for possible toxins that may affect public water supply systems. This presentation will offer an overview of HAB ecology, HAB response programs, and HAB mitigation activities.

Benjamin Growcock

Kansas Dept. of Health & Env.
Topeka, Kansas



CONCURRENT SESSIONS

WEDNESDAY, MARCH 29, 1:30 P.M.

Hyatt Ballroom D

Moderator: Jeff Litzel
City of Chanute

Op. Credit: W & WW

INTRODUCTION TO EPA'S PROPOSED PFAS RULE

This session will be an introduction to what PFAS (polyfluoroalkyl substances) is, why it's called the "Forever Chemical", its sources and adverse health effects. The possible effects on public water supplies will be covered as well as potential impacts on wastewater systems. Results from KDHE's voluntary monitoring programs for PFAS will also be presented and discussed. Funding information to address PFAS through KDHE's Drinking Water SRF's will also be covered.

Cathy Tucker-Vogel

Kansas Dept. of Health & Env.
Topeka, Kansas

Hyatt Ballroom E

Moderator: Vince Deason
Key Equipment & Supply

Op. Credit: WW

TOOLS FOR INSPECTING WASTEWATER SYSTEMS

Preventative maintenance is ALWAYS cheaper than reacting when something breaks. This session will focus on the PASS (Phased Assessment Strategy for Sewers) which allows operators to understand the condition of the sewer system quicker and with fewer resources. Learn how to prioritize maintenance activities, reduce maintenance costs, meet environmental regulations, and reduce environmental impacts. Different types of equipment that allow operators to implement this strategy and the pros and cons of each will be reviewed.

Nate Miller; Steve Williams

Key Equipment & Supply
Kansas City, Kansas

209 A

Moderator: Bruce Spare
Saline RWD 8

Op. Credit: W & WW

REPAIR OF HYDRANTS AND VALVES VS. REPLACEMENT

Problems with valves and hydrants never show up at convenient times. Just like other parts in the system, valves and hydrants require maintenance in order to maximize their value. Is expensive replacement necessary or can a simple repair be accomplished? Attendees of this session will find out simple ways to repair that leaky fire hydrant and what caused the thing to fail in the first place. Can a valve really be repaired? Learn more in this informative session.

R J Taylor

M&H / Kennedy Valve Company
Bucyrus, Kansas

209 B

Moderator: Butch Laidler
City of Leon

Op. Credit: W & WW

MORE THAN JUST THREE GUYS AND A HARDHAT

We know a confined space entry requires "Three guys and a hardhat", but there is much more to know in order to be safe. This session will define a confined space, discuss when a permit is required and explain OSHA requirements for maintaining a safe workplace in and around these areas. You will also learn the duties and responsibilities of the Confined Space Entrant, the Attendant, and the Supervisor. This session will benefit exam takers. Don't miss this one!

Kevin Jones

Midwest Fire Training Assoc.
Chanute, Kansas

210 A

Moderator: Frank Moreno
City of Wellington

Op. Credit: WW

GET SOLID FOOTING ON PART 503 RULES

Solids handling can become one of the largest financial costs for municipal treatment plants. It is everyone's job to protect human health and the environment through good operations. John Dunn (EPA Water Permitting) and Seth Draper (EPA Water Enforcement) will talk about the regulatory requirements set forth in 40 CFR 503, what they are and why they are important. Learn about practical approaches to following the Part 503 rules. There will be ample time for discussion.

Seth Draper; John Dunn

Environmental Protection Agency
Lenexa, Kansas

210 B

Moderator: Robin Lujan
City of Holcomb

Op. Credit: W & WW; Clerk IIMC

HOW TO ACCESS FUNDING THROUGH RD APPLY

RD Apply is an easy-to-use, intuitive online application system with 24/7 access through any internet-ready device. Each organization has the ability to control who can view and modify their application. All information is safe and secure with identity security. Faster processing reduces questions and ensures a complete application; it also better positions your organization for funding. Not only are we making it easier for you to submit your applications, you can track the progress.

Dan Fischer

USDA Rural Development
Topeka, Kansas

210 C

Moderator: James DePriest
City of Garnett

Op. Credit: None

WHY AND HOW APPRENTICESHIP WORKS

Apprenticeship is the oldest form of education, dating back to medieval times. Apprenticeship is still an effective form of career training today. Attend this session to learn about the history behind apprenticeship, how it works, and how apprenticeship is growing in Kansas. This presentation will provide an overview of KRWA's Apprenticeship Program for water and wastewater operators. Learn the minimum qualifications, employer responsibilities, the role of the mentor, and more.

Monica Wurtz

Kansas Rural Water Association
Clifton, Kansas

203

Moderator: Allan Soetaert
Johnson RWD 7, KRWA, KWA

Op. Credit: None

THE FUTURE IS NOW – THE STATE OF WATER IN KANSAS

Kansas will not survive without water. Issues impacting surface and groundwater quality in Kansas continue to generate attention. Interest is building in collaborative water resource management techniques to secure, protect and conserve our state's water resources. This session will review recent Kansas water achievements, discuss current challenges impacting water quality and quantity, and look ahead to future efforts working to provide access to safe and reliable water for Kansans.

Connie Owen; Matt Unruh

Kansas Water Office
Topeka, Kansas

CONCURRENT SESSIONS

WEDNESDAY, MARCH 29, 2:45 P.M.

Hyatt Ballroom D

Moderator: Eric Purk
City of Maize

Op. Credit: W & WW

THE CHALLENGES OF LOCATING UTILITIES

Locating underground utilities is a huge challenge because of the vast array of buried lines. It's essential to identify the location of utilities to ensure the safety of facilities and workers. This session explains how a locator works and why it sometimes doesn't. Learn about the circuit that is being created when locating and how different frequencies can influence it. Help make the locate easier by applying the advantages of different locating methods.

Jeff Trowbridge

Subsurface Solutions
Omaha, Nebraska

Hyatt Ballroom E

Moderator: Travis Seaton
City of Leoti

Op. Credit: WW

WASTEWATER LAGOONS 101: THE BASICS

This session is primarily for new operators who want to better understand the physical and biological processes that occur when treating wastewater in a lagoon. The relationship between algae and facultative bacteria will be discussed and how critical this is to producing a high-quality effluent. How seasonal weather changes and other factors that can affect treatment will also be addressed. This session will benefit exam takers.

Jeff Lamfers

Kansas Rural Water Association
Shawnee, Kansas

209 A

Moderator: Lewis McCartney
City of Harper

Op. Credit: W & WW; Clerk IIMC*

USING ASSET MANAGEMENT TO REDUCE COSTS

In this session attendees will learn about how the EPA is promoting Basic Asset Management through the SRF and WIIN Grant programs by providing incentives, including priority ranking points for having a Basic Asset Management framework and lower interest rates for DWSRF or CWSRF. Discover how to get away from "run until failure" or "fix it when it breaks" mode and get to the point where you are working on the system in a proactive way instead of reactive way.

Drew LaMarca

Watts Water Technologies
North Andover, Massachusetts

209 B

Moderator: Jamie Tomlinson
Russell RWD 3

Op. Credit: W & WW

EXCAVATING WITH SAFETY ALWAYS IN MIND

Is this hole in the ground considered a trench? That's an important question operators should answer during every excavation. Each job needs a competent person to oversee the work to ensure no one is injured. This session will define a trench and what OSHA requires to maintain a safe workplace in and around these areas. You will learn the twelve items to check during the Daily Inspection. This session will be beneficial to exam takers.

Kevin Jones

Midwest Fire Training Associates
Chanute, Kansas

210 A

Moderator: Matt Higgins
City of Elkhart

Op. Credit: Clerk IIMC*

UNDERSTAND THE P'S AND Q'S OF RFPs AND RFQs

What is the difference between RFQs and RFPs. What do the acronyms even stand for? Attendees will learn about the significant differences between the two before hiring an engineering firm. This session will also explain how to write RFQs and RFPs. Examples of each will be shown and explained. This session is a must for those systems planning on water or wastewater projects in the future to get the best for your system and from your system's engineer.

Peter Earles

Earles Engineering & Inspection
McPherson, Kansas

210 B

Moderator: Andrew Connelly
Kansas Geological Survey

Op. Credit: None

CONDITIONS AND TRENDS OF THE HIGH PLAINS AQUIFER

The High Plains Aquifer is one of the largest, most accessible aquifer systems in the world with a significant presence in Kansas. The aquifer covers 174,000 square miles and provides water for municipal and agriculture use in parts of eight states. This session will look at water resources and use patterns across Kansas with particular emphasis on water level changes and trends of the High Plains aquifer and its subsystems- the Ogallala, Great Bend Prairie, and Equus Beds.

Brownie Wilson

Kansas Geological Survey
Lawrence, Kansas

210 C

Moderator: Adrienne Feeney
Dickinson RWD 1

Op. Credit: W & WW

HYPOCHLORITE USE IN WATER AND WASTEWATER

This session is a must for anyone responsible for disinfecting drinking water and treated wastewater with sodium hypochlorite. Learn about the benefits of both pre-chlorination and post chlorination for iron removal and improved filter performance with pre-chlorination to post-chlorination including feed point location, amount of free chlorine, and chloramination. Chemical feed equipment and types of chlorine such as gas, bleach, and calcium hypochlorite will be discussed.

Tom Lasser

Hawkins, Inc.
Garnett, Kansas

203

Moderator: Katy Wohlgemuth
Butler RWD 4

Op. Credit: Clerk IIMC*

RETIREMENT BENEFITS FOR RWDS AND MUNICIPALITIES

Having problems keeping or attracting employees because of a lack of benefits? Learn how rural water districts and municipalities can offer the same retirement savings plan available to State of Kansas employees – even for employers that don't offer KPERS. This presentation will discuss no cost options available to employers and/or employees to make contributions to a retirement account. A benefit like this used to be a luxury, but is now becoming a necessity for employers.

Len Lehmann

KPERS 457
Topeka, Kansas

EXHIBIT HALL OPENS AT 4:00 P.M. TUESDAY, MARCH 28

Note: Opening Session begins at 8:30 a.m., Wednesday, March 29 in Concert Hall. Exhibits open **AFTER** the Opening Session concludes at 10:00 a.m.



EXHIBIT HALL FLOOR PLAN

Entrance			1	2	3	4	5	6	7	8									
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Water / Soft Drinks			354	355	356	357	358	359	360	361	362	363	364	365					

SHOP AND COMPARE!

EXPO HALL SCHEDULE:

Tuesday, 4:00 p.m. - 6:30 p.m.
 Wednesday, 10 a.m. - 6:30 p.m.
 Thursday, 7:30 a.m. - 12 noon

The final Exhibitor Directory and floor plan will be included in the registration packet.

Check out the great prizes in the **WaterPac Raffle** booths #103 and 104.

Door prizes donated by exhibitors will be announced or drawn for at the Thursday noon luncheon.

“Thank You” to all exhibitors and sponsors who help make this conference the largest and best in the Midwest and among the best in the U.S.

- Hospitality Area
- Coffee
- Rolls, Bagels Muffins
- Fresh Fruit and more...
- Quilt Display
- Thursday Breakfast



CONCURRENT SESSIONS

WEDNESDAY, MARCH 29, 4:00 P.M.

Hyatt Ballroom D

Moderator: Preston Hodges
Core & Main

Op. Credit: W & WW

EASIER SOLUTIONS FOR THE NEXT PIPE REPAIR

The water and wastewater pipe and fittings market is worth an estimated \$61 Billion. With a competitive market comes innovative new technologies. New fittings have made repairs easier with less bolts to tighten. All types of fitting and adapter styles are now available for any type of pipe. This session will review old and new repair devices alike, from the basic clamp to cutting edge repair technology and discuss tips to make those repairs easier.

Brian McDowell
Core & Main
McPherson, Kansas

Hyatt Ballroom E

Moderator: Steve Brooks
City of Girard

Op. Credit: WW

SOLVING LAGOON EFFLUENT COMPLIANCE PROBLEMS

Various factors can cause a poor-quality effluent and compliance problems. The presenters have seen it all in their combined 80 years of experience working with lagoon systems. Factors such as excessive sludge accumulation and short-circuiting will be addressed. Several example systems will be used to describe how such problems developed and how to effectively resolve them. If your system is having compliance problems, bring questions to the session for additional discussion.

Jeff Lamfers; Charlie Schwindamann
Kansas Rural Water Association
Shawnee, Kansas; Marysville, Kansas

209 A

Moderator: Luke Erichsen
City of Grandview Plaza

Op. Credit: WW

REDUCING ALGAE BLOOMS USING ULTRASOUND

Ultrasound technology is a proven, cost-effective and reliable solution to rid harmful algae within wastewater treatment ponds. Gain insight into how current environmental drivers impact how wastewater treatment plants approach harmful algae blooms. Hear the benefits ultrasound solutions can have on water quality while chemical use is minimized, operational costs are lowered, and compliance regulations are met. Learn best practices for integrating ultrasound technologies.

George Hutchinson
WaterIQ Technologies
Wilson, Wyoming

209 B

Moderator: Brad Riebel, P.E.
Midwest Engineering Group

Credit: W & WW

ASPECTS OF A PROJECT FROM CONCEPTION TO COMPLETION

This session presents a case study from pre-design, which includes creative solutions from conception to completion of a project. Attendee take-aways include setting expectations, solutions for innovative funding, preparing an engineering report for successful grant submission, managing owner expectations, and economic and scalable design solutions. The aspects of this case study are applicable to water and wastewater system projects, regardless of size.

Daniel Coltrane, P.E.
Midwest Engineering Group
Tulsa, Oklahoma

210 A

Moderator: Caleb LaGrone
Cowley RWD 5

Op. Credit: W

USING PRESSURE MONITORING TO REDUCE WATER LOSS

Do you ever wish you had another person to help monitor the water system? Remote pressure monitoring acts as that set of eyes, watching system pressure around the clock. Water operators can save water and time, which equal money with pressure monitoring. Learn how pressure monitoring can help identify and locate leaks in real time and identify water hammer issues. Pressure monitoring can also decrease windshield time driving to check a remote tank, resulting in more savings.

Samatha McPheter
eLynx Technologies
Tulsa, Oklahoma

210 B

Moderator: Brooke Brandenburg
City of Goddard

Op. Credit: W

ENHANCED MAINTENANCE FOR PUBLIC WATER SUPPLY WELLS

The science and applied technology of water well maintenance continues to grow. Well owners continually look for solutions to prolong the life of their systems' infrastructure. The high cost of replacing or relocating water wells demands that proper knowledge and maintenance is applied to keep water wells functioning efficiently. Attend this session to learn about groundwater microbiology and the necessary maintenance to keep your wells pumping and avoid more expensive options.

Ned Marks
Terrane Resources Company
Stafford, Kansas

210 C

Moderator: Jim Horner
City of Troy

Op. Credit: None; Clerk IIMC*

HOW THE TIMING OF RATE REVIEWS INCREASE REVENUE

Holding off on rate analysis until it's in the budget is a money loser. If a rural water district or city utility needs more revenue — and almost all do — an analysis will enable them to gain additional revenue. The sooner they finish the analysis, the sooner they can adjust (raise) rates. Waiting until the next fiscal year, when they have the cost of analysis already in a budget, costs money! Learn about the importance of correctly categorizing expensed and reviewing rates in a timely fashion.

Carl Brown
Gettinggreatrates.com
Jefferson City, Missouri

203

Moderator: Jason Schultz
Kansas Dept. of Health & Env.

Op. Credit: None

STORMWATER MANAGEMENT FOR ALL COMMUNITIES

Stormwater systems are often forgotten until during a storm. While some communities have dedicated stormwater departments, for most stormwater is just another hat on the dash of the operator's pickup. This presentation will discuss many facets of stormwater from basic design considerations, system maintenance, floodplain and environmental permitting, and MS4 compliance to ideas for improving function and lessons learned. There is something for everyone in this presentation.

Jeffrey Holste, P.E., CFM
Wilson & Company, Inc.
Salina, Kansas

AWARDS & ENTERTAINMENT

Wednesday evening, March 29

5:00 Social in EXPO Hall

6:30 Banquet Hall opens Award Presentations, Entertainment

Don't miss this Wednesday evening performance, March 30, immediately following the awards banquet.



When three gutsy gals from different backgrounds take charge of their lives, they decide to follow their honky tonk dreams to the city of Nashville. This show combines 30 classic country tunes (including "Stand By Your Man," "9 to 5," "Harper Valley PTA" and more!). "Honky Tonk Angels" is a hilarious, foot stomping good time. With a live combo, this show will be a surefire country-hit, crowd pleaser!

FOUR MORE QUILTS FOR GRAND PRIZES

The tradition continues. This year marks the 37th year that KRWA has offered quilts as grand door prizes. In 2023, the patterns are "Lone Star", "Snowball Nine Patch", and "Green Bow Ties". All are queen size. The WaterPAC Raffle will draw for "Fanfare For The Heroes" shown at right. All the projects were started by Kathleen Ronnebaum. They were completed by Connie Huerter of Seneca, Kansas. Machine quilting of all four quilts was by Grace Bowser, Mayetta, Kansas. Lots of time and talent go into making of what becomes an heirloom project. One quilt will be drawn for at the Wednesday evening banquet and two quilts will be prize drawings at the Thursday luncheon.



Sponsors – the following Associates have also contributed as Conference Sponsors to help offset the cost of hospitality, or a portion of the cost of the Meet & Greet and social events (as of 2/10/2023).

GOLD Sponsors – \$1,000

*BG Consultants, Inc.
Midwest Infrastructure Coatings
Professional Engineering Consultants
Smith & Loveless
WaterWise Enterprises*

Silver Sponsors– \$750

*Hawkins, Inc.
Municipal Supply, Inc.
Pumps of Oklahoma
Seiler Instrument Geospatial*

Bronze Sponsors – \$100 - \$500

*A-1 Pump & Jet Services, Inc.
Alterra Power Systems
Axiom Instrumentation Services
Badger Infrastructure Solutions
CUES, Inc.
Cunningham Sandblasting & Painting Co.
EBH Engineers
Elliott Group
ESI
Energy Solutions Professionals
Ferguson Waterworks
Gutermann, Inc.
Industrial Service & Supply, Inc.
Key Equipment & Supply and Quality Rents
Mayer Specialty Services
Midwest Meter
Mid-States Materials, LLC
McIntire Management Group
Micro-Comm Inc.
O.J. Dupree Company
Ray Lindsey Company
Renshouse Electric
Schwab-Eaton, PA
Subsurface Solutions
TankSpekCorp
Tomcat Consultants, LLC dba TAP Co.*

Thank You . . .Exhibitors and Sponsors

KRWA appreciates the support of all the Exhibitors and Sponsors for the 54th Annual Conference. KRWA encourages cities, rural water districts and other systems to support the exhibitors and other Associate Members. Their participation in the conference makes it one of the largest in America.

CONCURRENT SESSIONS

THURSDAY, MARCH 30, 9:30 A.M.



Hyatt Ballroom D

Moderator: Randy Frazer
City of Arkansas

Op. Credit: W

PREPARING AN INVENTORY UNDER THE LCRR

This repeat session will explain what the Lead and Copper Rule Revisions will require. One of the requirements under the Lead and Copper Rule Revisions that EPA says will NOT change is that a Service Line Inventory of all customers served by your water system must be prepared. Learn how to conduct this inventory and obtain information needed to complete your inventory. Also become familiar with KDHE's spreadsheet for listing all the needed information. Don't miss this session.

Robert Gavin, P.G.

Kansas Dept. of Health & Env.
Topeka, Kansas

Hyatt Ballroom E

Moderator: Brandon Smith
Public Wholesale Dist. 12

Op. Credit: WW

WASTEWATER OPERATOR REFRESHER COURSE – PART I

Those operators planning to take the KDHE wastewater operator certification exam are encouraged to attend this session. This training is not a comprehensive preparation course, but is a review for the operator exam. The information will include operator expectations, sample questions, examination concepts, basic math problems and a review of basic operations. Attendance at this session should be helpful to those taking the certification exam. The exam will be held in Hyatt Ballroom at 1:30 p.m.

Marsha Fleming; Tim Halfhide

Kansas Dept. of Health & Env.
Salina, Kansas

209 A

Moderator: Steve Euler
Morris RWD 1

Op. Credit: W & WW

DIG SAFE: OPERATIONAL UPDATES BY KANSAS 811

Kansas 811 is the underground utility notification center for the state of Kansas. State law requires the operators of water distribution and wastewater collection facilities to be members of Kansas 811. Members receive notifications on excavations in their service areas. Many operators are familiar with the process. This session includes detailed information about Kansas 811's operation, damage prevention and safety topics. Learn about potential new laws that could impact utilities.

Arch York

Kansas 811
Wichita, Kansas

209 B

Moderator: Mike Bohn
City of Eskridge

Op. Credit: None; Clerk IIMC*

COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM

The Community Development Block Grant (CDBG) program provides communities with resources to address a wide range of unique community development needs. Learn more about the CDBG program and how it can meet your community needs. This grant funding can be used for a variety of infrastructure needs, buildings and housing. This session focuses mainly on water and sewer projects as well as housing. The Housing Assessment Tool will be shown and how it can be used to evaluate housing needs.

Ginny Eardley

Kansas Dept. of Commerce
Topeka, Kansas

210 A

Moderator: Ken McNickle
Public Wholesale Dist. 4

Op. Credit: W

MAINTAINING SYSTEM PRESSURE WITHOUT A STORAGE TANK

KDHE requires water systems to perform regular water storage tank inspections. Some maintenance projects require tanks to be empty for extended periods of time. KDHE also requires a minimum of 20 psi of positive pressure, so water systems need to have a plan to maintain system pressure during tank maintenance projects. Learn maintaining system pressure while avoiding over-pressurization and conserving water, including using VFDs, portable storage tanks and pressure relief valves.

Clyde Zelch

Tomcat Consultants
Rosebud, Missouri

210 B

Moderator: Nicole Struckhoff
Kansas Dept. of Labor

Op. Credit: None; Clerk IIMC*

CONSEQUENCES OF IMPROPER WORKER CLASSIFICATION

Misclassifying an employee as an independent contractor can have significant consequences for the employee and the business. Worker classification is primarily a labor law issue, not a tax reporting or accounting issue. Learn to identify a worker as either an independent contractor or an employee. Learn what categories of evidence that must be considered in determining whether an employee/employer relationship exists and discuss Dept. of Labor reporting requirements.

Sandy Dail; Theresa Bogner

Kansas Dept. for Children & Families
Topeka, Kansas

210 C

Moderator: Jeremy Johnson
City of Moundridge

Op. Credit: W; Clerk IIMC*

PERFECTING MULTIPLE WATER RIGHTS WITH QUANTITY LIMITATION

Kansas water law affords a water right permit holder a minimum of 20 years of use, from the point of diversion authorized by the permit, to perfect (purr-fekt'), or develop, the water right. If water systems only used one well, this process would be simple. But with multiple wells and multiple permits, it becomes complicated. In this session, learn the importance of creating a multi-year well operation plan, maintaining accurate meters and keeping accurate records.

Elizabeth Fitch

KDA, Division of Water Resources
Stafford, Kansas

203

Moderator: Sue Harsh
Butler RWD 6

Op. Credit: W & WW

USING SPREADSHEETS FOR WATER AND WASTEWATER UTILITIES

Have you ever opened an excel spreadsheet and immediately become overwhelmed by fields and functions? This session will help you overcome those fears! Karen will provide the beginner user with an introduction to spreadsheets – how to enter data and how to utilize basic functions to perform calculations. The presentation will also include demonstrations of useful templates for tracking water loss, financial transactions, and the new, 26-column lead service line spreadsheet

Karen Skillman

KJS Computer & Training Service
Topeka, Kansas



CONCURRENT SESSIONS

THURSDAY, MARCH 30, 10:45 A.M.

Hyatt Ballroom D

Moderator: Clifford Reusch
Douglas RWD 4

Op. Credit: W

DISTRIBUTION SYSTEM OPERATIONS AND MAINTENANCE

Water distribution systems are unique and complicated. While no two distribution systems are exactly alike, the Safe Drinking Water Act requires operators to operate and maintain their systems to ensure the safety of the water. Whether you are a seasoned veteran or just starting out in the industry, there is something to be learned by everyone. This session will explain the basics of operating a water distribution system. This session will also benefit exam takers.

Bob Hennig

Municipal Pipe Services (ret.)
Hastings, Nebraska

Hyatt Ballroom E

Moderator: Paul Tommer
City of Frankfort

Op. Credit: WW

WASTEWATER OPERATOR REFRESHER COURSE – PART II

This session is Part II of that which started at 9:30 a.m. Wastewater operators who plan to take the KDHE wastewater operator certification exam will find this session helpful. This session is not a comprehensive preparation course, but is a review for the examination. The information will consist of operator expectations, sample questions, examination concepts, basic math problems and a review of basic operations. Attendance at this session will be helpful to those taking the certification test at 1:30.

Marsha Fleming; Tim Halfhide

Kansas Dept. of Health & Env.
Salina, Kansas

209 A

Moderator: Justin Kramer
Shawnee Cons. RWD 1

Op. Credit: W & WW, Clerk IIMC*

COLLECT AND STORE DATA FROM OUTDATED SCADA

If you have ever wondered how to deal with your old monitoring system or how to get it up to date so that the information you need is always at your fingertips, this session is a must see. Information and 24/7 monitoring are the keys to success with modern water and wastewater treatment systems and the strict regulations. Learn about tools available to maximize an existing SCADA system if a total upgrade is not an option. The goal is to reduce costs and have functional equipment.

Aaron Phillips

SitePro, Inc.
Lubbock, Texas

209 B

Moderator: Delbert Zerr
Kansas Rural Water Assoc.

Op. Credit: W & WW; Clerk IIMC*

COMMUNICATION STRATEGIES DURING EMERGENCIES

During an emergency, providing timely and accurate information to the public is crucial. There are hurdles, however, that can make it difficult to both relay this information and to ensure that the people who need it receive it. In a crisis, well-trained Public Information Officers (PIOs) and public information strategies can make all the difference. This session will provide insight into the PIO role and share lessons learned from the April 29th, Andover Tornado. Better to be prepared before an emergency situation occurs.

Keri Korthals, KCEM, MEP

Butler Co. Emergency Management
Augusta, Kansas

210 A

Moderator: Kent Bargman
City of Marysville

Op. Credit: W & WW; Clerk IIMC*

CYBERSECURITY FOR WATER AND WASTEWATER SYSTEMS

Attend this session to learn the best practices to defend against cyber attacks, and overall network and personal security. The information presented will be easy to understand for all levels of experience. It will provide simple, yet effective implementation measures. The presentation includes examples of ransomware as well as tips on how to mitigate risks. This session is especially suited to rural water districts and cities and other organizations as well as personally.

Steve Prasko

Advantage Computer Enterprises
Iola, Kansas

210 B

Moderator: Beau Davison
Leavenworth Cons. RWD 1

Op. Credit: W

FUNDING SYSTEM UPGRADES BY SAVING ON ELECTRICAL COSTS

The operating costs of water treatment and distribution and water treatment often seem like fixed costs. Funding for improvements is often tight or non-existent. However, it is possible to make plant improvements that save energy and operating and maintenance costs that can then be diverted to pay for the upgrades. Learn about the savings opportunities that may exist in your facilities and how a unique type of contracting can allow cities and RWDs to make the improvements today but pay for them over time.

Jeff Flathman, P.E.

Energy Solutions Professionals
Overland Park, Kansas

210 C

Moderator: Kent Hessling
City of Clay Center

Op. Credit: W & WW, Clerk IIMC*

WATER AND WASTEWATER FUNDING AVAILABLE FROM KDHE

The Kansas Department of Health and Environment administers both the Kansas Public Water Supply Program and the Clean Water State Revolving Fund (SRF) for wastewater systems. These programs provide funding to help water and wastewater systems meet compliance requirements with drinking water and wastewater regulations. Attend this session to learn about the programs, and how the KDHE loan programs can also mesh with other funding such as from Dept. of Commerce and USDA.

Cara Hendricks; William Carr

Kansas Dept. of Health & Env.
Topeka, Kansas

203

Moderator: Debbie Gilbert
Sedgwick RWD 2

Op. Credit: W; Clerk IIMC*

INTRODUCTION TO ACCOUNTING FOR SMALL UTILITIES

The water bills go out and the customer payments come in. Simple, right? Well, there is a little more that goes into monitoring the financial transactions of a water/wastewater utility. Attend this session to learn more about basic accounting terminology: expenses, income, invoice vs. bill, reconcile, asset, audit, and more. This session will also include a demo of the KS Rural Water Finance Authority's financial spreadsheet to present reports to boards/councils.

Karen Skillman

KJS Computer & Training Services
Topeka, Kansas

THANK YOU EXHIBITORS



A-1 Pump & Jet Services, Inc.
Advanced Drainage Systems
Advanced Microbial Solutions
Aegion-Insituform Technologies USA, LLC
AFC Cleaning & Restoration, Inc.
Aktivov Asset Management
Alexander Pump & Services
Allgeier, Martin and Associates, Inc.
Alliance Pump & Mechanical Service
Alterra Power Systems
American AVK Company
American Flow Control
American Water Chemicals
Ampstun Utility Billing
Anue Water Technologies
Armor Equipment
ASC Pumping Equipment
Assured Flow Sales, Inc.
AV Water Technologies, LLC
Axiom Instrumentation Services
B & B Electric Motor Company
Badger Infrastructure Solutions
Badger Meter
BARCO Municipal Products, Inc.
Bartlett & West, Inc.
Berry Tractor & Equipment Company
BG Consultants, Inc.
Big Rivers Marketing, LLC
BRB Contractors
Brenntag Southwest
Burns & McDonnell Engineering
C & B Equipment
C K Power
Canada Company
CAS Constructors, LLC
Central National Bank
Central Tank Coatings, Inc.
Chlorinators Incorporated
Circle C Paving and Construction
Clarke Well & Equipment
Clifford Power Systems, Inc.
Comm-Tronix
Core & Main
Core & Main / CES
Crafco, Inc.
CUES, Inc.
Cummins Inc.
Cunningham Sandblasting & Painting Co.

D C & B Supply Company
DFW Plastics, Inc.
Ditch Witch UnderCon
DN Tanks
Downey Drilling, Inc.
DPC Enterprise
Durkin Equipment Company
Dutton - Lainson Company
DXP Enterprises
Earles Engineering & Inspection, Inc.
EBH Engineers
EJ USA, Inc.
Elliott Equipment Company
Elliott Group
eLynx Technologies
Energy Solutions Professionals
Enviro-Line Company
Environmental & Process Systems, Inc.
Environmental Process Equipment Company
ESI
Ferguson Waterworks
Fluid Equipment Company
Foley Equipment Company
Ford Meter Box
Fortiline Waterworks
FTC Equipment, LLC
Garver
Gavel Roads Online Auctions
GDW Water Sampler
Governmental Assistance Services
GPM Enterprises, Inc.
GPM Environmental Solutions, LLC
Grasshopper Company
Great Plains Structures
Gutermann, Inc.
Hall's Culligan Water
Hawkins, Inc.
Haynes Equipment Company
Heartland Controls
HF Scientific
HOA Solutions, Inc.
Hydra-Stop
IEE - Innovative Engineered Equipment
Industrial Sales Company
Industrial Service & Supply, Inc.
Informational Data Technologies
Innovative Utility Solutions
Ixom Watercare

J & A Traffic Products
Jayhawk Software
JCI Industries
JEO Consulting Group, Inc.
JetStream by Pipelife
Johnson Controls
Johnson Service Company
Kansas 811
Kansas Department of Commerce
Kansas Department of Labor
Kansas Dept. of Ag. Division of Water Resources
Kansas Dept. of Health & Environment
Kansas Geological Survey
Kansas PRIDE Program
Kansas Rural Water Association
Kansas Water Office
Kasco - Axis Construction, LP
Kaw Valley Engineering
Key Equipment & Supply and Quality Rents
Kirkham, Michael & Associates
KLM Engineering, Inc.
KM International
KPERS 457
Kramer Consulting, LLC
Lamotte Company
Lamp Rynearson
Layne Christensen Company
Letts Van Kirk & Associates
LiquidTEK, LLC
Logic, Inc.
Loprest, a division of WRT
LRE Water
Mack McClain and Associates
Maguire Iron, Inc.
Master Meter, Inc.
Mayer Specialty Services
McConnell & Associates Corporation
McIntire Management Group
Mellen & Associates
MEM Industrial, LLC
Meridian Analytical Labs
Metron-Farnier
Micro-Comm Inc.
Mid America Meter, Inc.
Mid West Fire Training Associates
Mid-America Valve
Midco Diving & Marine Services

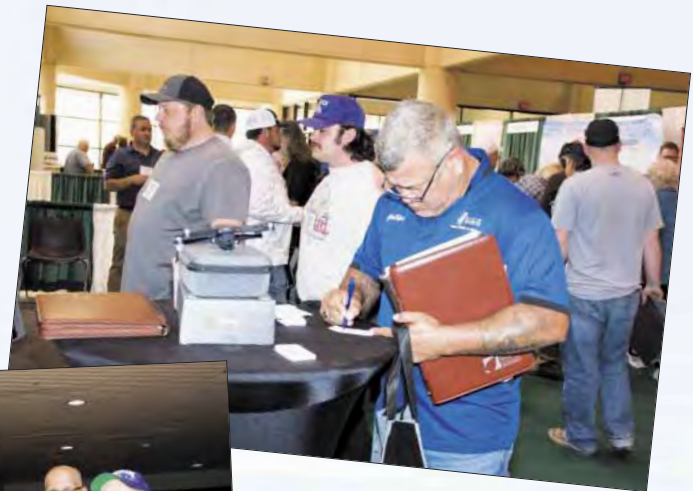
A final EXPO Hall Floor Plan with booth designations will be included in each registration packet to be picked up at the conference. Listings of exhibitors and the floor plan will be posted throughout EXPO Hall.



Midland - MIDCO
 Midwest Engineering Group, LLC
 Midwest Infrastructure Coatings
 Midwest Meter
 Miller & Associates, Consulting Engineers
 Mission Communications
 Mueller Water Products
 Municipal Pipe Services
 Municipal Pipe Tool Company
 Municipal Supply, Inc.
 Murphy Tractor & Equipment Co.
 National Rural Water Association
 Nexbillpay
 Nutri-Ject Systems
 O.J. Dupree Company
 Olathe Winwater Works Company
 Olsson
 PeopleService, Inc.
 PRELOAD, LLC
 Professional Engineering Consultants
 Proseal, Inc.
 Pumps of Oklahoma
 Purple Wave Auction

R. E. Pedrotti Company
 Ranson Financial Group, LLC / KRWFA
 Ray Lindsey Company
 RED Equipment, LLC
 Renshouse Electric
 Romac Industries
 RootX
 Salina Supply Company
 SAM Companies
 Sargent Drilling
 Schulte Supply, Inc.
 Schwab-Eaton, PA
 Seiler Instrument Geospatial
 Sidener Environmental Services
 SitePro, Inc.
 SMH Consultants
 Smico Contracting Group, LLC
 Smith & Loveless
 Smith Blair, Inc.
 Stanley Black and Decker Outdoors
 Stenner Pump Company
 Subsurface Solutions
 SWAN Analytical USA, Inc.
 TankSpekCorp

Team Laboratory Chemical, LLC
 TGO Technologies, Inc. / Chlortainer
 Thermo Fisher
 Thoroughbred Computer Systems
 Tnemec Company/MWCC
 Tomcat Consultants, LLC dba TAP Co.
 TREKK Design Group, LLC
 Trumbull Manufacturing, Inc.
 United Filters International
 USABlueBook
 USDA Rural Development
 Utility Solutions Associates
 Veolia Advanced Solutions
 Vermeer Great Plains
 Viaanix, Inc.
 Viking Industrial Painting
 WaterWise Enterprises
 Watts
 Westlake Pipe and Fittings
 White Star Machinery
 Wilson & Company, Inc.
 Worth Hydrochem of Okla, Inc.
 Zenner USA



REGISTRATION FORM – EVERY PERSON ATTENDING NEEDS TO SUBMIT REGISTRATION

REGISTRATION FORM

54TH ANNUAL CONFERENCE & EXHIBITION

Tuesday, Wednesday, Thursday, March 28 - 30

Century II Convention Center, Wichita, Kansas

Register **ONLY ONE PERSON** on this form.

Note: You may also register online at www.krwa.net

Please print or type: *Check here if you want Operator Credit:*

City Clerks check for MMC or CMC Credit:

Name: _____

Represents: _____

Title: _____


Address: _____

City, State: _____

Zip: _____ Phone: (_____) _____ - _____

Indicate which days you plan to attend:

Tuesday, 3/28 Wednesday, 3/29 Thursday, 3/30

If you are attending a preconference session on Tuesday, please indicate which session you plan to attend by checking the session on the reverse side of this form so adequate seating is available. 

Registration Fee\$180 \$ _____

Registration Fee after March 15\$210 \$ _____

Note: Registration fee does not include golf or meal tickets. Tickets to the Tuesday evening Meet & Greet barbecue, games and social are \$20. Spouses also pay registration fee and for any meal tickets. A spouses' program will be held at Century II Wednesday beginning at 1:45 p.m. No additional charge but KRWA needs to know who is planning to attend "Board & Brush"

Tuesday, 3/28, 7 a.m. "Almost 5K Run/Walk" Yes No

Golf Tourney, 3/28, 8:30 a.m. (pay KRWA)\$75 \$ _____

Tuesday, 3/28 Luncheon Ticket\$15 \$ _____

Tuesday evening, Meet & Greet\$20 \$ _____

Wednesday, 3/29 Luncheon Ticket\$15 \$ _____

Wednesday, Spouse "Board & Brush" Yes No

Wednesday Awards Banquet & Show\$30 \$ _____

Thursday, 3/30 Breakfast (by Chris Cakes)\$ 5 \$ _____

Thursday, 3/30 Luncheon Ticket\$15 \$ _____

(Please indicate payment method) **Total:** \$ _____

Payment Enclosed: Bill Me: Credit Card:

PRECONFERENCE SELECTION

KRWA requests that those planning to attend a preconference session on Tuesday to indicate below which session they plan to attend. This will help ensure having adequate handouts and to make other session arrangements for these sessions which are highly attended.

Check one session only for Tuesday

- 2023 Engineers' Forum for Water and Wastewater Systems
- Water Operator Exam Review – Preparing for Certification
- ABCs of VFDs
- Activated Sludge From Process to Troubleshooting
- City Clerks' Forum: Making Clear Choices
- Remote Data Collection and Integration to Improve Operations and Management
- Becoming and Effective and Efficient Board or Council Member
- RWD Managers and Bookkeepers Forum
- Tools and Tech for Business Continuity in Public Works

After completing this form on both sides, send it with payment to:

**KRWA, PO Box 226
Seneca, KS 66538**

If you wish to register online, go to www.krwa.net, "training," and "conference." If you have a question about registration, send an e-mail to the team at krwa@krwa.net. If you prefer, call KRWA at 785.336.3760.