

Kansas Rural Water Association

the **FUTURE
DEPENDS ON**

**WA
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2024
**KANSAS
RURAL
WATER
ASSOCIATION**

55TH ANNUAL
Conference & Exhibition

March 26 - 28, 2024

Century II Convention Center
Wichita, Kansas



March 26 - 28, 2024

For Public Water and Wastewater Utilities

The largest in Mid-America

Sponsored by



KANSAS
RURAL
WATER
association

quality water, quality life

with the participation of:

- Kansas Department of Administration
- Kansas Dept. of Agriculture, Div. of Water Resources
- Kansas Department of Commerce
- Kansas Department of Health & Environment
- Kansas Department of Labor
- Kansas Geological Survey
- Kansas Water Office
- USDA Rural Development
- US Environmental Protection Agency

Welcome . . .

“The Future Depends on Water!” Yes it does! The program booklet showcases the 2024 Kansas Rural Water Association Annual Conference & Exhibition, March 26 - 28. This conference program offers an excellent day of preconference sessions on Tuesday, March 26 and 48 concurrent sessions on Wednesday and Thursday. EXPO Hall is sold out as of 12/15. Don't miss meeting 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 2023, more than 2,250 people came from 328 cities and 211 rural water or public wholesale districts or other systems. Anyone who has an interest in water or wastewater or community programs is welcome.

DATES & LOCATION

Tuesday, Wednesday, Thursday, March 26 - 28
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, 3/28 at 1:30 p.m. in Hyatt Ballroom E. See page 9 for details.

Registration forms are printed on the last pages of this booklet. Make additional copies if necessary. Return registration forms with payment to: KRWA, PO Box 226, Seneca, KS 66538. Or, you may register and pay online at <http://krwa.net> and pay by credit card. Questions? Call 785-336-3760.

Accommodations – see page 50 for hotel blocks.

WHAT THIS CONFERENCE OFFERS

9 preconference sessions on Tuesday, March 26; early registration is required. See pages 11 - 19.

48 concurrent sessions, Wednesday and Thursday. See page 22 and beyond for these sessions.

365 exhibit spaces in EXPO Hall with the latest in products and services. See pages 28 - 29 for the floor plan.

Attorneys' Forum – for lawyers only, – a great opportunity to learn more and exchange information. Attorneys of KRWA-member utilities attend at no cost. See page 10.

Opening Nite – Meet & Greet! There is nothing like it 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. And a cornhole tournament. Page 20.

Opening Session & Keynote – Thomas Dismukes, “A Leader’s Focus: Making Waves: Sink or Swim – Your Future Depends on You!” Thomas’ powerful stories give meaning behind the madness, in a principle everyone can relate to, laugh at, and apply to their lives. Don’t miss this keynote in Concert Hall. See page 21.

Luncheon Speakers – Matt Sanderson, Kansas State University, Wednesday. Jade Piros de Carvalho, Kansas Office of Broadband Development, Thursday. See page 5.

Best Tasting Water Contest, WaterPAC Raffle, page 8.

Awards Banquet and Entertainment – recognition of Kansas’ Best – Operators, Managers and Administrators. The show, “Don’t Rock the Jukebox” by an incredibly talented cast and orchestra by The Forum Theatre, is a country music, sure-fire pleaser, page 33.

Two Spouse Programs – A Tuesday Spouse Program is all new – **It’s a “Bingo Bash”** with a \$5 cash prize to each game winner immediately after lunch at 1:30. On Wednesday, it is the return of **“Board & Brush!”** in Convention Hall at Century II. See page 32.

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 28. See page 9 for information on obtaining an exam application form.

Annual Membership Meeting – Thursday, March 28 at 8:00 a.m. in Room 209A. See page 9.

Spring Golf Tourney – Tuesday, March 26 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!



CONFERENCE AT A GLANCE

TUESDAY, MARCH 26

- 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, p. 10)
- 9:30 a.m. City Clerks' (p. 15) and RWD Office Forum (p. 18) Engineers' Forum and other preconference sessions begin (pp. 11-19)
- Noon: Lunch, purchase meals on registration form
- 1:00 p.m. Preconference sessions reconvene
- 1:30 p.m. Spouse Program - **"Bingo Bash"** Room 202 (p. 32)
- 4:00 p.m. EXPO Hall opens – 365 booths (pp.38-46)
- 6:30 p.m. *Opening Nite – "Meet & Greet!"* – barbecue, social, games, \$10,000 in prizes (p. 20); purchase ticket for \$20 on registration form (p. 51)

WEDNESDAY, MARCH 27

- 7:30 a.m. Registration Opens – Connecting Lobby, Century II, Hospitality – beverages, rolls and fruit
- 8:30 a.m. Opening Session – **Concert Hall; Keynote: Thomas Dismukes "A Leader's Focus"** (p. 21)
- 10:00 a.m. EXPO Hall Opens (pp. 28-29)
- 10:45 a.m. Concurrent Sessions (pp. 22-23)
- Noon: Luncheon – **Century II, Special Guest: Matthew R. Sanderson, Kansas State University** (p. 5)
- 1:30 p.m. Spouse Program – **"Board & Brush!"** No additional charge but spouses need to mark their registration form. (p. 32)
- 1:30 p.m. Concurrent Sessions (pp. 24-25)
- 2:45 p.m. Concurrent Sessions (pp. 26-27)
- 4:00 p.m. Concurrent Sessions (pp. 30-31)
- 5:00 p.m. Social in EXPO Hall
- 6:30 p.m. Awards Banquet, Awards Presentations, Entertainment "Honky Tonk Angels". (p. 33)

THURSDAY, MARCH 28

- 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 (p. 9)
- 9:30 a.m. Concurrent Sessions (pp. 34-35)
- 10:45 a.m. Concurrent Sessions (pp. 36-37)
- Noon: Luncheon – **Century II, Special Guest: Jade Piros de Carvalho, Kansas Office of Broadband Development, Kansas Department of Commerce** (p. 5)
- 1:30 p.m. Certification Exam, Water & Wastewater Small Systems, Classes I - IV, Hyatt Ballroom E (p. 9)

LUNCHEON SPEAKERS

Matthew R. Sanderson, Ph.D.

Kansas State University

Speaker, Wednesday Luncheon



Matthew R. Sanderson is Randall C. Hill Professor of Sociology, Anthropology, and Social Work and Professor of Geography and Geospatial Sciences at Kansas State University. He has been Visiting Professor at the Center for Environmental Resource Management, University of Texas-El Paso, and Research Fellow at the Hugo Centre for Population Research, University of Adelaide, Australia. He is Editor-in-Chief of *Agriculture and Human Values*, the leading journal for critical, interdisciplinary research on agriculture and food systems.

Sanderson's work focuses on the issue of development as a practice, a problem, and an ideal. He is especially interested in understanding the relations between people and ecosystems in the context of globalization – the social processes integrating economies, policies, and cultures into an increasingly shared but contested space. Most of his work is comparative and historical, employing quantitative and qualitative methods. His work has been recognized with awards from the Agriculture, Food, and Human Values Society, Great Plains Research, the World Congress of Sociology and the International Sociological Association. The U.S. National Science Foundation, the U.S. Department of Agriculture, the U.S. Environmental Protection Agency, and the Australian Research Council have supported his research. He will present "Attitudes Toward Water Conservation in the High Plains/Ogallala Region".

Jade Piros de Carvalho

Kansas Office of Broadband Development

Kansas Department of Commerce

Speaker, Thursday Luncheon



In our modern world, access to high-speed internet isn't a luxury; it's a necessity. The potential for improved decision-making and management of water systems is there, but the data to make those decisions must be collected and transmitted for it to be evaluated and used.

With so much vital information and communication moving online, communities and businesses unable to access high-quality internet connections aren't just at a disadvantage, they are effectively disqualified from a major portion of the economy. With this in mind, providing broadband access to all communities across our state is a top priority for the Department of Commerce.

Jade Piros de Carvalho was appointed Director of the Kansas Office of Broadband Development (KOBBD) in June 2022. The mission of KOBBD is to facilitate affordable and reliable high-speed internet service to every Kansan home and business. Prior to joining the Kansas Department of Commerce, Jade worked in advocacy for rural broadband expansion policy for a private Kansas internet service provider. She also served on the Hutchinson City Council for ten years, including three terms as Mayor. Jade earned a bachelor's degree in Philosophy from Wichita State University and a Master's degree in Public Affairs (MPA) from the University of Missouri. She was named the 2023 Kansas Woman of the Year by *USA Today*.

1ST ANNUAL

WELCOME

“CORNHOLERS”



Here's a notice to all conference-goers in 2024. It's the first annual KRWA "Cornament". This event will be held in Exhibition Hall during the Opening Nite Meet & Greet.

A cornhole tournament, or as Cornholers like to call it, a "Cornament", is a championship event that is usually organized between cornhole teams/players.

Over the past few years, Cornhole has attracted many new players. There are now enough active Cornholers among KRWA conference-goers to hold a tournament in conjunction with the Open Nite Meet & Greet! It's by request.

You don't have to be a professional player to compete. Just sign up on the website link that will be provided to all registrants. We are limiting to the first 80 players (40 teams) in a double elimination. A cash prize of \$300 goes to the First Place Winners, and \$200 goes to the Second-Place Team.

Let's find out who is "Cornhole King" or "Cornhole Queen" at the 2024 KRWA conference. This tournament will be held in Exhibition Hall (where food is served) at far stage right. Register for this special event through the KRWA site at <https://krwa/training> – and then look for the March 26 date and register. You must register as a player or team through this site. No phone calls, please. After 80 players register, the opportunity closes.



Want a real wake up? Yes, they are back – and by popular demand! The incomparable *Butler Headliners* will help get the 55th Annual Conference off to a rousing start with a show called "Versus vs Versus". They perform at the Opening Session, Wednesday, March 27 at 8:30 a.m. in Concert Hall.

A UNIQUE CONFERENCE . . .



THERE ARE MANY REASONS TO ATTEND THE KRWA CONFERENCE

There are so many great ways to learn and sharpen your skills these days: you can read blogs, listen to podcasts, watch how-to videos on YouTube, and attend webinars, to name a few. Why bother with the time and expense of an in-person conference or workshop?

If that's your attitude, you may miss out on one of the best opportunities to take your game to the next level. Live events – conferences, workshops, demonstrations, etc., provide unique learning and career-building opportunities that you can't find anywhere else.

The idea is that sometimes you have to take a break from the “work” of your work to sharpen your skills. There is a saying, “A dull axe won't cut a tree nearly as effectively as a sharp one.”

- ◆ **Meet With Experts and Your Peers:** The KRWA conference offers an opportunity to meet with suppliers, manufacturers, agencies, and your peers. Make a connection that will lead you to find answers to your questions or issues.
- ◆ **Network:** The KRWA conference offers an opportunity to mix and mingle, form new relationships, and strengthen existing ones. Make new connections at the opening night “Meet & Greet” and six other meal functions and certainly in EXPO Hall.
- ◆ **New Services & Tools:** EXPO Hall for the KRWA conference is totally sold out. The 365 booth spaces are filled with products and services that target the water and wastewater utility industries.
- ◆ **Get Out of Your Comfort Zone:** Attending the KRWA conference will give you access to the latest and newest ideas. Network with others – that's the goal.
- ◆ **Make An Investment:** Admit that you still have things to learn – and to share with others. When you register for the conference, you are saying that you're investing in yourself for your community or RWD.
- ◆ **Have Some Fun:** The KRWA conference offers one “non-stop” event. Good, down-home hospitality will NOT run out!



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 first place 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 26**. 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 2023 winner, WaterOne, will be entered in the 2024 national contest to be held in Washington in February and the winner at the KRWA 2024 conference will be entered in the national contest in 2025.

SUPPORT "RURAL WATER" THROUGH THE WATERPAC RAFFLE

The WaterPAC Raffle supports the National Rural Water Association's political action committee. In 2023, WaterPAC raised \$6,098. Since KRWA began supporting WaterPAC, conference-goers have donated \$105,061. 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 a "Log Cabin" designed quilt, compound miter saw, and many other tools and 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 28, 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 14). For an exam application, please call KDHE at 785/296-5511 or print an application from KRWA's Website

<https://krwa.net/TECHNICAL-ASSISTANCE/Downloads>.

The application and payment must be mailed to KDHE and received by KDHE by March 14. The exam will begin at 1:30 p.m., allowing 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. on Thursday, March 28. Delegate forms were mailed to all voting members on January 4, 2024. Check with your city or RWD's office to ensure that your voting delegate is registered.

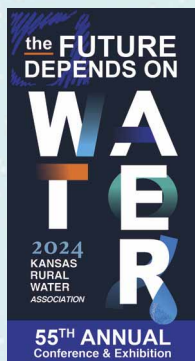


ATTORNEYS' FORUM

Tuesday, March 26, 9:00 a.m.
Trail Rooms

The Future Depends on Water

The KRWA Attorneys' Forum celebrates its silver anniversary in 2024. KRWA member systems' attorneys are invited to attend and discuss topics of interest and concern. Those who attend will receive 6.5 hours of Continuing Legal Education (CLE) credit with one hour of ethics credit. There is no charge to attend, but because of room size, attendance is limited to the first 40 registrants. Thanks again to Gary Hanson for assembling this program.



7:30 a.m.: **Registration opens** with complimentary coffee, juice, and rolls available in the connecting Lobby, Century II Convention Center and in Hyatt Meeting “Trail Rooms”

9:00 – 9:50: Roundtable Discussion (Part I): Impact of Drought on Water Systems: Regulation, Interlocal Cooperation and Project Development

9:50 – 10:40: **Kathleen J. Selzler Lippert, Office of the Disciplinary Administrator.** *Social Media or Social Disaster? Ethics and Use of Social Media*

10:40 – 10:55: Break

10:55 – 11:45: **Ray Connell, Connell & Connell, El Dorado, Kansas, Todd Luckman, Stumbo Hanson, LLP, Topeka, Kansas.** *Service Area Disputes, KSA 12-539, 1926(b), and the State of Territorial Agreements Post Olathe v. Spring Hill*

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

1:00 – 2:30: **Connie Owen, Director, Kansas Water Office, Dan Fischer, Deputy State Director, USDA/Rural Development, William Carr, Assistant Director, Bureau of Water, Kansas Department of Health and Environment.** *Funding Options in a High(er) Interest Rate Environment*

2:30 – 2:45: Break

2:45 – 3:45: Roundtable Discussion (Part II) Enforcing Contractor Obligations Under EJDC Form Contracts; Surcharging Easements; Benefit Unit/Impact Fees and Line Extension Policies; Other Topics of Interest

3:45 – 4:15: Roundtable Discussion (Part III): Recent Cases and AG Opinions

4:15: **Adjourn.** Exhibit Arena Open

6:30: **“Meet & Greet” at Century II**

9:30 a.m., Room 210A

2024 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) and information on the continued compliance of Build America Buy America Act (BABAA), American Iron and Steel (AIS) Requirements with Rural Utilities Service Financial Assistance. 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. Chun Pan, Community Programs Director, Rural Development, United States Department of Agriculture

9:45 – 11:45: PER Requirements, Project Environmental Review, US Bulletin 1780-35, Build America Buy America Act, 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. Chun Pan, 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. Opening night “Meet & Greet” opens at 6:30.

No operator credit is awarded for attendance.



PRECONFERENCE SESSIONS

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 review prior to taking the operator certification exam. Even those operators who are 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: Brian Boswell, Butler RWDs 6 and 7

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

9:30 a.m., Hyatt Ballroom E

TECHNOLOGIES FOR LOCATING UTILITIES AND WATER AND WASTEWATER METERING

9:30 - 11:45: The Challenges of Locating

Utilities. The increasing number of buried utilities makes it necessary to locate them to help water and wastewater utilities with their own projects and to identify locations for other construction projects. Having the ability to locate utilities helps any project go smoothly and, obviously, helps prevent damage and service outages. With more demand for services and a shortage of staff, many utilities are looking to technology to make life easier for the operator. Technology can also make the operator more efficient. This session features an expert who has more than 30 years of experience in the field. Learn about some of the technological advancements designed to make a water or wastewater operator more efficient.



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. Make the locate easier by applying the advantages of different locating technologies.

**PRESENTER: JEFF TROWBRIDGE, SUBSURFACE SOLUTIONS,
OVERLAND PARK, KANSAS**

1:30 - 4:00: Updates to Water and Wastewater Metering Technology.

With an emphasis on water conservation becoming more apparent with every dry month that passes, utilities are beginning to pay more attention to where the water is going. Both water and wastewater utilities have implemented new metering technology to increase efficiency and decrease waste.

Learn how a journey into automated metering needs to be a two-pronged approach: 1) beginning with a replacement program to standardize both residential and commercial meters, and 2) deploying a new automatic meter reading solution to streamline the process of gathering data. Learn about the newest technological advances in metering and how utilities of all sizes can implement automated metering to improve operational process control and save money.

**PRESENTER: PRESTON HODGES, CORE & MAIN, McPHERSON, KANSAS
KEN HAYES, CORE & MAIN, DECATUR, ALABAMA**

Moderator: Mike Strausz, City of Moundridge

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

PRECONFERENCE SESSIONS

9:30 a.m., Room 209 A

MICROBIOLOGY IN WASTE-WATER TREATMENT PROCESSES



The objective of this presentation is to teach the operators, lab personnel and consultants how to optimize the wastewater treatment processes using the microscope and knowledge of wastewater microbiology. Whether using a state-of-the-art activated sludge treatment plant or a good old-fashioned lagoon system, this session has something for every wastewater operator to take home.

This session will include discussion of the following topics:

- **Wastewater Microbiology & Process Control** – Learn the role of microbes in the treatment process along with the conditions that allow them to do their best work of removing nutrients from the wastewater.
- **Lagoon Microbiology** – Learn the role of microbes in the lagoon treatment process, focusing on the role of algae and how to identify the different types of algae. Gain an understanding of conditions that contribute to algal blooms along with possible corrective actions.
- **Monitoring Biological Nutrient Removal Systems** – Gain an understanding of the role and requirements for biological phosphorus and ammonia removal processes as well as methods to monitor the system microbiology.
- **Developing a Wastewater Microbiology Laboratory Program** – Learn simple tools, and simple procedures for routinely monitoring wastewater treatment processes.

Toni Glymph will present simple and practical step-by-step laboratory procedures for tracking, identifying and diagnosing conditions in wastewater treatment processes. The microorganisms are responsible for removing the nutrients from the wastewater. Therefore, it is important to understand the conditions that allow them to do their best work. And the system operators need to do their best to create these conditions. Toni's motto is, "If you treat the bugs right, they will treat your wastewater right."

PRESENTER:

**TONI GLYPH, WASTEWATER MICROBIOLOGY SOLUTIONS,
WESTCHESTER, ILLINOIS**

Moderator: Kent Hessling, City of Clay Center



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

9:30 a.m., Room 209 B

CITY CLERKS' FORUM: It's All About Business



9:30 - 10:30: Grant Opportunities Through BIL. Once-in-a-generation funding opportunities available to improve your water districts, towns, and cities through the Federal Bipartisan Infrastructure (BIL) Law and the Kansas Build Fund. The presenters will give current updates from the 2024 Legislative Session and resources from K-State Research and Extension to support you in your grant writing efforts.

**PRESENTER: NANCY DANIELS, K-STATE RESEARCH & EXTENSION AND
MATT HANSON, KANSAS INFRASTRUCTURE HUB**

10:45 - Noon: Introduction to Budgets. This session starts municipal budgeting essentials such as why municipalities adopt a budget, budget forms required, to submission of an adopted budget, this class highlights Kansas Budget Law (K.S.A. 79-2925 et seq.) in practical terms. Note: The Revenue Neutral Rate (RNR) will be defined as it applies to the budget preparation process but only in brief overview.

**PRESENTER: LINDSAY OLSON AND MANDY PATEK, KANSAS DEPARTMENT OF
ADMINISTRATION MUNICIPAL SERVICES, TOPEKA, KANSAS**

1:00 - 1:45: Revenue Neutral Rate. This session will cover the origin, definition, and use of the Revenue Neutral Rate (RNR). Learn about the statute (K.S.A. 79-2988 et seq.), and be introduced to deadlines, budget documents and forms, checklists, procedures, and the Revenue Neutral Rate annual summary report. We will discuss issues that continue to exist, and best practices.

**PRESENTER: LINDSAY OLSON AND MANDY PATEK, KANSAS DEPARTMENT OF
ADMINISTRATION MUNICIPAL SERVICES, TOPEKA, KANSAS**

2:00 - 2:45: Health Insurance Options. Health Insurance Benefits are one of the biggest budget items and of critical importance to your employees. David Hickman will present solutions for employers to lower costs and increase the benefits to your members. With over 30 years working in the health benefits market, you will learn time proven strategies to help balance the budget and stabilize your employee benefits.

PRESENTER: DAVID HICKMAN, HIC AGENCY

3:00 - 3:45: 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 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 DEPT. OF HEALTH & ENVIRONMENT

3:45 - 4:00: Final discussions

Moderator: Kim Everley, City of McLouth, Kansas

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

PRECONFERENCE SESSIONS

9:30 a.m., Hyatt Ballroom D

WASTEWATER OPERATOR EXAM REVIEW

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 on Thursday in the Hyatt Ballroom at 1:30 p.m.



Topics covered in this expansive review session include:

- Review of basic wastewater terms (BOD, pH, TSS), etc.)
- Characteristics of sewage (raw vs. treated)
- Processes involved in primary and secondary treatment
- Lagoons vs. mechanical plants
- Collection system O&M (including lift stations)
- Operating facultative waste stabilization ponds
- Biological processes at work; series vs. parallel
- Troubleshooting problems
- Sample collection
- NPDES permit requirements
- Safety issues and procedures, including confined space entry, shoring/trenching, immunizations, typical hazards
- Basic math calculations, including surface area, volume, organic vs. hydraulic loading, detention time

PRESENTER:

MARSHA FLEMING, KANSAS DEPT. OF HEALTH & ENV., SALINA, KANSAS
CHARLIE SCHWINDAMANN, KANSAS RURAL WATER ASSOCIATION, MARYSVILLE, KANSAS

Moderator: Jason Solomon, Kansas Rural Water Association, Altoona, Kansas

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



Thank you to all of the companies and agencies that provided sponsorships for the 2024 conference. See the listing on page 47.

9:30 a.m., Room 210B

DISINFECTION A TO Z



Water disinfection involves treatment for the destruction of harmful organisms. Disinfection processes are used to destroy or inactivate disease-producing (pathogenic) organisms, particularly bacteria of intestinal origin. Such organisms can survive for weeks in the environment at temperatures near 70 degrees F and possibly for months at lower temperatures. The use of disinfection is the primary reason waterborne disease outbreaks are rare in the United States. This seminar will feature sections on chlorine, UV, ozone, chlorine dioxide, and other disinfectants that are available to utility operators. This session will include a discussion of each of the following topics:

- **Disinfection A to Z:** Waterborne diseases, such as typhoid, dysentery, and cholera, occurred with regularity in US water systems in the 1800s. The incidence rates were high in the early 1900s (e.g., more than 25,000 typhoid deaths in 1900) but decreased rapidly with the onset of chlorination (e.g., less than 20 deaths in 1960) (Laubusch 1964). Today's regulations address water treatment. Learn what has been approved and what doesn't work. Learn the proper terminology, purposes, and operational considerations for various chlorine products.
- **Mainline and Reservoir Chlorination:** An operator needs to know how to disinfect the source, but proper distribution and storage disinfection procedures are just as important. Learn about mainline and reservoir chlorination procedures, requirements, and safety measures.
- **Dechlorination:** Learn about the importance of dechlorination for both water and wastewater systems. This segment of the training also reviews newer EPA regulations for dechlorination and how some states have adopted National Pollutant Discharge Elimination System (NPDES) reporting permits for the tracking of dechlorination of both potable water and wastewater.
- **Alternate Disinfectants:** What other disinfectants are available and what are the advantages/disadvantages of each? Are disinfection byproducts causing grief for your water utility, or is chlorine just not meeting your needs? Check out what other chemicals or processes may suit your system better. This section covers UV, ozone, chlorine dioxide, and other options available today.

PRESENTER:

JOHN SCHWARTZ, USABUEBOOK, NAMPA, IDAHO

Moderator: Brandon Smith, Public Wholesale District 12

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

PRECONFERENCE SESSIONS

9:30 a.m., Room 201

RWD MANAGERS AND BOOKKEEPERS FORUM



Rural water district office staff and managers handle an assortment of issues. This session provides topics covering a host of aspects that many districts have or need to deal with.

9:30 – 10:00 am: Health Insurance Options. Health insurance benefits are one of the biggest budget items for employers and are of critical importance to employees. David Hickman will present solutions for employers to reduce costs and increase the benefits to employees. With more than 30 years working in the health benefits market, you will learn time-proven strategies to help balance the budget and stabilize benefits.

PRESENTER: DAVID HICKMAN, HIC AGENCY, OVERLAND PARK, KANSAS

10:00 – 10:45 am: The 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 to the Kansas Department of Health & Environment (KDHE), no later than October 16, 2024. Learn what type of information needed 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 DEPT. OF HEALTH & ENVIRONMENT, TOPEKA, KANSAS

11:00 – noon: Grant Opportunities through the Bipartisan Infrastructure Law. This session will focus on the once-in-a-generation funding opportunities available to improve water districts and cities through the Federal Bipartisan Infrastructure Law and the Kansas Build Fund. The presenters will give current updates from the 2024 Legislative Session and resources from K-State Research and Extension to support you in your grant writing efforts.

PRESENTER: NANCY DANIELS, K-STATE RESEARCH & EXTENSION AND MATT HANSON, KANSAS INFRASTRUCTURE HUB, MANHATTAN, KANSAS

1:00 – 3:00 pm: HR 101 – A Crash Course with Detours, Applied Lessons and Best Practices. HR compliance is a necessity for any business. The HR "department" for a small business is usually just one person – and has more responsibilities than just focusing on HR. A scary prospect given the constant presence and oversight of entities such as the IRS, DOL, EEOC and OSHA coupled with the people scenarios that can and do pop up. Whether you are new to HR or simply need a refresher, this "crash course road trip" will provide an approach to HR roadblocks and potholes.

PRESENTER: PHIL HAYES, THE ARNOLD GROUP, WICHITA, KANSAS

3:00: Roundtable Discussion. *Facilitated by: Brenda Adkins, Jackson Co. RWD 3 and Denise Eggers, Jefferson Co. RWD 12*

No Operator credit is awarded for this session.

9:30 a.m., Room 203

THE ART AND PHILOSOPHY OF SETTING WATER RATES

Most utility customers' experiences with the complex process of rate-setting are limited to paying their bills. City council members and RWD boards of directors need to have an understanding of how and why their water utility rates are what they are and be able to defend the rates customers are being asked to pay. Aside from the politics of rate-setting, there is one constant in all this and it is an absolute. Rates must be adequate to pay for the bulk of a utility's costs. There's no way around that. Other parts of rate setting (structuring) are more flexible, though there are pitfalls.

This session will cover the array of options open to you for rate setting. To do that, this session will cover cost-to-serve rates, other structures, wholesale rates, across-the-board future increases, how to acquire rate analysis safely and at a reasonable cost, and more. Terry Brown, Manager at Butler RWD No. 5, has gone through the rate-setting process. Terry will cover their experience. Kris Kline, KRWA Technical Assistant, will show you how KRWA helps with basic rate calculations and rate setting. This session covers the rainbow of viewpoints.

Anyone associated with a municipal water system or rural water district can benefit by attending this session. RWD board members, mayors, city council members, administrators, finance directors, and clerks can all gain good information from the presentations. Are there any operators in the audience? Take what you learn back to others at your RWD or city.

PRESENTERS:

**CARL BROWN, PRESIDENT, GETTINGGREATRATES.COM,
COLUMBIA, MISSOURI**

**TERRY BROWN, GENERAL MANAGER, BUTLER RWD 5,
BENTON, KANSAS**

**KRIS KLINE, KANSAS RURAL WATER ASSOCIATION,
BURLINGAME, KANSAS**

*Moderator: Randy Frazer,
City of Arkansas City*

**No Operator credit is awarded
for this session.**



TUESDAY NITE

OPENING NITE – MEET & GREET

FOOD, GAMES, SOCIAL AND

THOUSANDS OF DOLLARS OF PRIZES!

Doors open at 6:30 p.m.

Century II Convention Center

The 2024 “Meet and Greet” brings some new games and events to this Opening Nite extravaganza. “Meet & Greet” has food, social, fellowship and fun. There will be more than enough barbecue and all the side dishes – a beer trailer, coffee, tea and water and other beverages. 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, a Zip Line, Big Buck Hunter Arcade; Silver Strike Bowling – and a cornhole tournament with cash prizes for first and second place winners. And there is Fast and Furious Drifting Driver; Cruis’n Exotica; and, Electronic Bingo! And if that isn’t enough, try to win the \$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.



**See page 6 for more
information to register
to enter the Cornhole
Tournament.**

OPENING SESSION

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

OPENING SESSION

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

- Welcome: Scott Robertson, President, KRWA
- Pledge of Allegiance
- “Versus vs. Versus”, Butler Headliners

KEYNOTE SPEAKER

Thomas Dismukes

“A Leader’s Focus”

“Making Waves: Sink or Swim – Your Future Depends on You!”

More than a million people across 21 countries have heard Thomas Dismukes’ truly amazing, heartwarming and hilarious stories. His lessons on leadership have proven time and again to have a profound impact on personal growth and team productivity! Thomas will inspire your team members to do their best and get the best out of life. He takes the “best of the best” leadership principles, stories and experiences and distills life gems for immediate understanding and application. A Leader’s FOCUS not only answers “What is Leadership?” but more importantly teaches the group how to lead and to develop the essential skills for personal and professional growth. After breaking a world record for balancing 95 glasses on his chin, Thomas Dismukes has become an expert in the inexplicable pursuit of a life in balance. A life not of indecision and complacency, but a life of peace, purpose, and priority.

We all strive to balance our personal and professional lives, to be remembered, and to live a life of significance. More often than not, the problems and struggles we endure are the direct result of an improper focus. It is this balance and significance one can find while mastering A Leader’s FOCUS.



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.**

CONCURRENT SESSIONS

Hyatt Ballroom D

Moderator: Rob Gavin, P.G.
KS Dept. Health & Env.

Op. Credit: W

PREPARING AN INVENTORY UNDER THE LCRR

Service line inventories are the foundation from which water systems take action to address a significant source of lead in drinking water – lead service lines (LSLs). With the details of the Lead and Copper Rule changing, the prudent thing for water systems to do is focus on completing the Lead Service Line Inventory due October 16, 2024. This session features operators from water systems in Kansas who have found ways to get the required information for the massive spreadsheet. Hear the challenges faced and solutions used by two Kansas cities to complete the LSLI.

Scott Snethen; Spencer Walker

City of Ottawa; City of Mulvane
Ottawa, Kan.; Mulvane, Kan.

Hyatt Ballroom E

Moderator: Rance Roberts
City of Leocompton

Op. Credit: WW

LAGOONS 101: WHAT HAPPENS IN THE LAGOON?

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 affect treatment will also be addressed. And finally, several factors commonly found that can adversely affect treatment will be covered. This session will benefit those who are taking the exam.

Jason Solomon; Brian Bowles

Kansas Rural Water Association
Altoona, Kan.; Minneapolis, Kan.

210 A

Moderator: Brad Schmidtberger
City of Victoria

Op. Credit: Clerk IIMC*

EASEMENTS – RESPONSIBILITIES ASSOCIATED WITH THEM

Utility easements give cities and RWDs the right to install pipelines and other facilities on private property. During this session, KRWA Counsel Gary Hanson will discuss common errors in existing easements, damages, exclusive use and other utilities, interference with use by the owner or others, “blanket” easements, and legal issues in enforcement. What should you be concerned about concerning leasing property for storage tanks or other facilities? Who pays for moving pipelines? Why not just condemn the property and start digging?

Gary Hanson

Stumbo Hanson, LLP
Topeka, Kansas

210 B

Moderator: Ben Coltrane
Midwest Engineering Group

Op. Credit: W & WW

UNDERSTANDING OF PUBLIC WATER SYSTEMS’ WATER RIGHTS

It is the responsibility of each public water system to understand water right perfection, the authorized quantity or quantities on each water right and the possible limits placed on the permit or water right when combined with other water rights which serve the same water system. Violations of water rights carry substantial, but avoidable, penalties. Strategies to perfect permits into water rights will also be presented. Join this session to learn the basics of water rights administered by the Kansas Department of Agriculture’s Division of Water Resources.

Elizabeth Fitch

KDA, Div. of Water Resources
Stafford, Kansas

209 A

Moderator: Bob Christianson
Osage RWD 7

Op. Credit: W & WW

THE QUICK AND DIRTY ON AIR RELEASE VALVES

Air release valves are typically forgotten, ignored and/or simply closed in many water and wastewater systems as they can leak, become corroded and are not easy to work on. This session will explain the importance and reasoning for air release valves as well as show some hands-on maintenance and troubleshooting techniques. Air release valves have had many improvements over the past 20 years. Hopefully you leave this session with a better understanding that properly working air valves are important system components.

Brett Warga

McIntire Management Group (MMG)
Kansas City, Missouri

209 B

Moderator: Clifford Reusch
Douglas RWD 4

Op. Credit: W & WW

SCADA SYSTEMS FOR WATER AND WASTEWATER UTILITIES

SCADA systems provide operators with precise data necessary to effectively operate their water and wastewater systems. A properly designed, secured, and implemented SCADA system saves time and money by eliminating the need for personnel to visit each site or building for monitoring of equipment, data collection or make adjustments. There are lots of benefits to SCADA systems, including real-time monitoring, system modifications, troubleshooting, increased equipment life, security, and report generation.

Bill Wilkus

R. E. Pedrotti Company, Inc.
Mission, Kansas

210 C

Moderator: Jeremy Johnson
City of Moundridge

Op. Credit: Clerk IIMC*

ACCESSING GRANTS: BIPARTISAN INFRASTRUCTURE BILL

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. Learn about NO COST resources to help communities take advantage of funding included in the BIL, how to access resources, and how to take advantage of Build Kansas Funds to secure the required local match for BIL programs.

Vanessa Lemoreaux

Kansas Dept. of Transportation
Topeka, Kansas

203

Moderator: Elise Chew
Tyson Prepared Foods

Op. Credit: Clerk IIMC*

ADDRESSING WORKFORCE CHALLENGES IN JOB MARKET

Is your water or wastewater system hiring? If your utility answered "Yes", are you reaching the right audiences to promote open jobs? Do you have defined career pathways? Are you an employer of choice in your community? Did you know the federal workforce system has resources available to assist with attraction and retention? This session will provide an overview of the Public Workforce System and the partnerships available for Kansas water and wastewater utilities to help with talent attraction, training and retention. Plan to attend this session and get help.

Amanda Duncan

Workforce Alliance of South Central KS
Wichita, Kansas

CONCURRENT SESSIONS

Hyatt Ballroom D

Moderator: Denise Friday
City of Olathe

Op. Credit: W & WW

PFAS IN KANSAS: WHAT DO WATER SYSTEMS NEED TO KNOW?

Per- and polyfluoroalkyl substances (PFAS) are a group of man-made chemicals that persist in the environment for many years and have adverse health effects. The chemicals are widely used because their properties allow them to repel water. This session will review the proposed PFAS drinking water regulation for six PFAS and the impacts to Kansas public water supply systems, including possible treatment technologies. Data from the Kansas Voluntary PFAS monitoring program and the EPA 5th Unregulated Contaminant Monitoring Rule (UCMR5) will be discussed.

Cathy Tucker-Vogel

Kansas Dept. of Health & Env.
Topeka, Kansas

210 A

Moderator: Jose Rosales
City of Liberal

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 achievements concerning water in Kansas. The session also reviews current challenges impacting water quality and quantity, and takes a look ahead to future efforts to provide access to safe and reliable water for Kansans.

Connie Owen; Matt Unruh

Kansas Water Office
Topeka, Kansas

Hyatt Ballroom E

Moderator: Kaleb Spencer
City of Hillsboro

Op. Credit: WW

THE SECRETS OF LAGOON EFFLUENT COMPLIANCE

Various factors can cause a poor-quality effluent and compliance problems. The presenters have seen it all in their combined 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. If your system is having compliance problems, plan to bring your questions to the session for additional discussion.

Brian Bowles; Jason Solomon

Kansas Rural Water Association
Minneapolis, Kan.; Altoona, Kan.

210 B

Moderator: Pat Shaffer
Kansas Rural Water Assoc.

Op. Credit: None

MAKE AN INSTANT CONNECTION; KNOW WHAT TO DO WITH IT

Learn the six keys to creating an instant connection. There is no such thing as a bad job; it's the wrong person doing the job. You will learn how to quickly recognize a personality type and where they should be plugged in. How do you recognize your own personality type? Are you a Battle Ship, Cruise Ship, Sailboat or Submarine? Attend this session and see WHY! Clarity is a Rarity. Sit back, relax, and have fun in this interactive workshop! Don't miss this one!

Thomas Dismukes

Stories That Tell, LLC
York, South Carolina

209 A

Moderator: Rob Corley
Russell RWD 4

Op. Credit: W

WHAT YOU NEED TO KNOW ABOUT BACKFLOW PREVENTION

Backflow is the unintended reversal of water flow through a cross-connection, which can result in a potentially serious public health hazard. A cross-connection control and backflow prevention program helps prevent contaminants from entering a drinking water distribution system. What is backflow in a plumbing system? What do backflow preventers do? Why are backflow preventers important for public water systems and the general public? What levels of protection are needed? What types of devices offer different levels of protection?

Jamey Shibel

Mack McClain & Associates
Olathe, Kansas

209 B

Moderator: Troy Cooper
City of Rolla

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 C

Moderator: Matt Higgins
City of Elkhart

Op. Credit: None

MITIGATING DISASTERS USING “FED FUNDS”

Drinking water and wastewater systems across the country are at risk to many kinds of water emergencies, causing disruptions to service, from flooding and drought, ice storms or cyber-attacks. Assets need to be resilient to these hazards. To help to mitigate disasters, the United States EPA developed tools and resources to help build resilience at water and wastewater systems. Our session will highlight free tools and guides available to assist drinking water and wastewater utilities and participants will learn about applicable federal disaster funding programs.

Karen Edwards-Lindsey

U.S. Environmental Protection Agency
Washington, D.C.

203

Moderator: Allen Dinkel
City of Junction City

Op. Credit: Clerk IIMC

THE KANSAS OPEN MEETINGS AND OPEN RECORDS ACTS

Transparency in government is a key feature of any free society, and U.S. law encourages government agencies to make their records available to the public wherever possible. Some exceptions apply, such as in certain situations involving individual privacy and security. Meetings and hearings held by government agencies are also generally open to the public with some exceptions. Attend this session to know what The Kansas Open Meetings and Open Records Acts require.

Kelly Rundell

Hite, Fanning & Honeyman, LLP
Wichita, Kansas

CONCURRENT SESSIONS

Hyatt Ballroom D

Moderator: Curt Johnson
City of El Dorado

Op. Credit: W & WW

TROUBLESHOOTING COMMON PROBLEMS WITH CONTROL VALVES

Control valves refer to valves that automatically do something based on the pressures in the line around them. They use the available water pressure to "create control". Attend this session to learn about common types of control valves encountered in water and wastewater utilities, how those valves work and how to troubleshoot them to figure out the problem before calling a factory or service expert. The presenter is one of those service experts. Learn from an expert to become an expert yourself!

Tom Bumgardner

Innovative Engineered Equipment
Independence, Missouri

Hyatt Ballroom E

Moderator: Steve Brooks
City of Seneca

Op. Credit: WW

DEVELOPING SUCCESSFUL SEWER SYSTEM EVALUATIONS

Wastewater utilities struggle with aging infrastructure and finding the resources to make the needed improvements to prevent sewer overflows and basement backups. Learn about the process of a comprehensive Sanitary Sewer Evaluation Survey (SSES) from flow monitoring to remediation. Identification of system I&I, both public and private, and the need for routine system maintenance will be discussed. Information will be provided on various tools and techniques and the latest technologies that can be utilized in the process of system investigation.

Matthew Ridpath

TREKK Design Group
Springfield, Missouri

210 A

Moderator: Stuart Porter
Schwab - Eaton, P.A.

Op. Credit: W

HYDRAULIC MODELING FOR WATER SYSTEMS, EVEN SMALL

What is a water distribution system hydraulic model? Is it worth the investment? Can small Rural Water Districts utilize hydraulic modeling? This session will help attendees understand what a hydraulic model is and the basics of how they are developed. Additionally, attendees will learn what kinds of information hydraulic models can provide, how they can help both municipal water systems and rural water districts make informed decisions, and how they can help keep water systems out of trouble.

Keithen Meyer; Jeff Shamburg

Schwab Eaton, P. A.
Manhattan, Kansas

210 B

Moderator: Marvell Summerow
WaterWise Enterprises

Op. Credit: None

USING PHOSPHATES IN DRINKING WATER TREATMENT

Phosphates have been used in potable water treatment for decades. Many Kansas water suppliers use phosphate to control iron and manganese levels and many more are looking into corrosion control with phosphates. Learn how phosphates work to sequester iron and manganese and how the product is used for corrosion control. Our presenter is considered an expert on phosphate use in drinking water systems and will share insights gained during her 35-year career in the field.

Dianne Patton

WaterWise Enterprises
Wichita, Kansas

209 A

Moderator: Ken McNickle
Public Wholesale District 4

Op. Credit: W & WW; Clerk IIMC*

PFAS LITIGATION AND SETTLEMENT FOR YOUR UTILITY

The National Rural Water PFAS Litigation has resulted in settlements totaling \$13.6 Billion for public drinking water supplies, and there are more companies in litigation and negotiations. Learn about the background of PFAS and what utilities must do to access the current settlement funds. Sam will also provide an overview of future litigation, including wastewater. Find out what strict time limits and specific actions are required from utilities to decrease the PFAS financial burden on the ratepayer.

Sam Wade

Napoli Shkolnik Law Firm
New York, New York

210 C

Moderator: Carl Chalfant
City of Washington/KRWA

Op. Credit: None

MAKE YOUR WEBSITE WORK FOR YOU!

Workloads are getting heavier and heavier, and deadlines seem to keep coming faster and faster. Maintaining a website for your customers can seem like an unwelcome item on your "to do" list. How can you shift this from being extra work to helping you save time and gain PR with your customers? In this presentation, Jen Sharp explores five things you can change that will make your website work FOR you – not against you. Your website is not your business card – your website needs to be about your customers.

Jen Sharp

Jenssharp.com
Ottawa, Kansas

209 B

Moderator: Nicholas Gadino
City of Americus

Op. Credit: W & WW

WHO NEEDS A COMPETENT PERSON IN EXCAVATIONS?

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. Don't miss this one!

Kevin Jones

Midwest Fire Training Associates
Chanute, Kansas

203

Moderator: Todd Lindquist
City of Linn

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 Kansas Water Pollution Control Revolving Fund which are State Revolving Funds (SRF) that finance water and wastewater infrastructure improvements. Whether improvements are needed to meet regulatory requirements or to replace aging infrastructure, the SRFs provide financing that is below market interest rates. Learn about these programs, and how the KDHE loan programs can also mesh with other funding such as from Dept. of Commerce and USDA.

William Carr

Kansas Dept. of Health & Env.
Topeka, Kansas

EXHIBITS PROVIDE OPPORTUNITIES



EXHIBIT HALL FLOOR PLAN

Entrance			1	2	3	4	5	6				7	8									
			9	10	11	12	13				14	15	16	17	18							
			19	20	21	22	23				24	25	26	27	28							
29	30	31	32	33	34	35	36				37	38	39	40	41							
42	43	44	45	46	47	48	49				50	51	52	53	54							
← Restrooms			58	59	60	61	62				63	64	65	66	67							
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68	69	70							84	85	86	87	88	89	90	91	92	93	94			
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174	175	176							197	198	199	200	201	202	203	204	205	206	207			
← Restrooms			217	218	219	220	221				222	223	224	225	226	227						
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334	335	336																				
Water / Soft Drinks																						



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

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.**

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119				97	
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134	135	136			
151	152	153			
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168	169	170	171	172	173
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248	249	250	251	252	253
268	269	270	271	272	273
288	289	290	291	292	293
308	309	310	311	312	313
328	329	330	331	332	333
348	349	350	351	352	353
365					

Hospitality Area

Coffee

Rolls, Bagels Muffins

Fresh Fruit and more...

Quilt Display

Thursday Breakfast

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

Check out the great prizes in the **WaterPac Raffle** booth #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.

CONCURRENT SESSIONS

Hyatt Ballroom D

Moderator: Jeremy Sigler
City of Chanute

Op. Credit: W & WW

KDHE'S TRANSITION TO CERTTRACKER

As a part of ongoing efforts to streamline the water and wastewater operator certification process, KDHE is transitioning to a new platform for certification management. With CertTracker, existing operators and new applicants will manage each phase of their certification in one place, including applying for exams, finding training opportunities, viewing CEU information, renewing certificates, and updating contact and employment details. This session aims to provide instructions on the required steps to acquire and maintain an operator certificate through CertTracker.

Clinton Schuckman

Kansas Dept. of Health & Env.
Topeka, Kansas

Hyatt Ballroom E

Moderator: Curtis Haefner
Pottawatomie RWD 3

Op. Credit: W & WW, Clerk IIMC*

HOW WILL KANSAS 811 CHANGES IMPACT UTILITIES?

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. State laws are changing and utilities will be impacted. Learn about those changes, job site safety concerns and best practices. Also, learn how to be ready for broadband deployment. The session will conclude with an open discussion surrounding field operations and lessons learned from past field experiences.

Keely Hosmann; Arch York

Kansas 811
Wichita, Kansas

210 A

Moderator: Jeff Mucklow
City of Garnett

Op. Credit: W & WW

INTRODUCTION TO PROCESS CONTROL LAB ANALYSES

Whether you work in water or wastewater treatment, in a big lab, or in a pickup cab, process control is vital to the quality of the final product. This session will provide water and wastewater operators a basic introduction to process control laboratory analyses. We will be covering basic laboratory equipment, sampling, sample preservation, safety and hygiene, and understanding the results. This course will also include a quick overview and introduction to settleability, pH, dissolved oxygen, turbidity, alkalinity, hardness, MLSS and MLVSS.

Marie Vergara

Chisholm Creek Utility Authority
Park City, Kansas

210 B

Moderator: Ned Marks
Terrane Resources

Op. Credit: W

ADDRESSING NITRATES WITHOUT A TREATMENT PLANT

The saga of how Brewster, Kansas addressed both present and future water supply needs is a story that deserves telling. Brewster was faced with high nitrates and city leaders did not want an expensive treatment plant. Future planning was needed to ensure long-term water production. Learn how this small Kansas town navigated regulatory authorities, the local elevator companies, geohydrology investigations, and drilling a new well. This session is especially for elected officials and decision-makers. There's a lesson here.

Mike Schultz

City of Brewster / KRWA
Brewster, Kansas

209 A

Moderator: Jerry Baker
City of Greenleaf

Op. Credit: W

LONG-TERM PLANNING FOR WATER STORAGE TANKS

Water storage tanks are a key component to a community's goal of delivering clean, safe drinking water, fire protection, and reliable water pressure to the system's customers. Just like any other major asset, consultative planning between industry professionals, municipalities, and water operations personnel is crucial to maintaining storage tanks and prolonging their life expectancy. This session will cover collaborative approaches to tank management and the financial decisions that are associated.

Rick Penner; John Reimer
Viking Industrial Painting
Hesston, Kansas

209 B

Moderator: Jeff Ahring
City of Lincoln Center

Credit: W & WW

LOW-HANGING FRUIT TO INCREASE ENERGY EFFICIENCY

Nearly 40 percent of municipal energy consumption is consumed by water and wastewater utility operations. Experts predict that energy costs will increase to 60 percent of utility operations within the next 15 years. Improving energy efficiency can save utilities substantial costs. This session will help plant operators identify existing opportunities to improve energy efficiency throughout the water utility, including the production, treatment and distribution as well as the collection and treatment of wastewater.

James DePriest
Kansas Rural Water Association
Iola, Kansas

210 C

Moderator: Justin Kramer
Shawnee Cons. RWD 1

Op. Credit: W & WW; Clerk IIMC*

STRATEGIES FOR DATA PRIVACY AND PROTECTION

Having data flow in a direction different than intended can be as devastating to your water system as backflow. But tackling data privacy and protection can seem overwhelming with its technical jargon and constantly changing security threats. How can you address, rather than ignore the potential risks to you and your customers' data? In this presentation, we use familiar backflow prevention strategies as an analogy to preventing data misuse that could cost your city or RWD money, time – and your reputation.

Jen Sharp
JenSharp.com
Ottawa, Kansas

203

Moderator: Tom Sloan
Douglas RWD 1/KRWA

Op. Credit: None

HEALTH INSURANCE BENEFITS FOR CITYS, RWDs AND ASSOCIATES

Health insurance benefits are one of the biggest budget items for employers and are of critical importance to employees. The availability of health insurance benefits is a major deciding factor when potential new hires are considering a new job. This session will provide attendees with possible solutions for employers to lower costs and increase the benefits to employees. Learn time-proven strategies to help balance the budget and stabilize employee benefits and attract or retain good employees.

David Hickman
HIC Agency
Overland Park, Kansas

SPOUSE PROGRAMS

*The 2024 conference will feature two spouse programs at Century II Convention Center. **KRWA requests advance registration** to attend either Spouse Program. The Association needs to make sure that adequate arrangements will be in place. A special ticket will be included with your name badge for either or both spouse programs.*

Bingo Bash!

**Tuesday, March 26,
1:30 p.m., Room 202**

Call it a comeback. While almost all aspects of our lives rely on technology, the centuries-old bingo game has experienced a renaissance. KRWA is providing an afternoon of bingo with a \$5 cash prize for every game-winner. There will be beverages and snacks, too. Attend and turn your craving for analog amusement into a real-life bash.



Board and Brush! – a DIY Event!

**Wednesday, March 27; 1:30 p.m.
Convention Hall, Century II**

Board & Brush was a smash hit in 2023, and because of the numerous requests, KRWA is bringing the party back for the Wednesday Spouse Program. KRWA Spouse Programs are great opportunities for both 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!



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



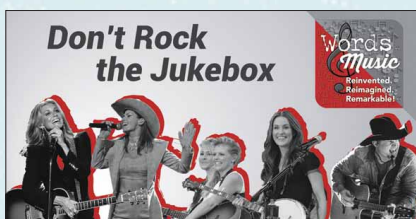
AWARDS & ENTERTAINMENT

Wednesday evening, March 27

5:00 Social in EXPO Hall

**6:30 Banquet Hall opens Award Presentations,
Entertainment**

***Don't miss this
boot scootin'
boogie, March 27,
immediately
following the
awards banquet ...***

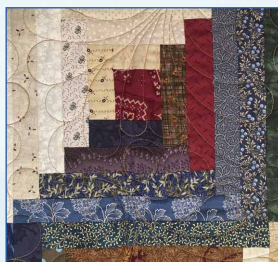


The 2024 Conference Entertainment is going to be a country music fest of favorite songs by chart-topping artists such as Shania Twain, The Chicks, Faith Hill, Garth Brooks, Reba McEntire, Alan Jackson and others. Enjoy this production by The Forum Theatre as the talented cast entertains with hits such as Chattahoochee, Man I Feel Like A Woman, Independence Day, Fancy and many more. Get ready to sing along with Strawberry Wine and do the Boot-Scootin' Boogie. "Don't Rock the Jukebox" follows the Awards Banquet in the Mary Jane Teall Theatre at Century II. The show is a comp with the Awards Banquet ticket.

STILL MORE QUILTS . . . FOR GRAND PRIZES

Quilting has a long and storied history stretching back as far as ancient Egypt, piecing together a timeline of humanity from which we draw crafting skills. While the quilting we know and love today is worlds different from the functional quilting of our past, it still holds a unique place in our hearts. This is the 38th year that KRWA has given quilts as Grand Prizes. The patterns are "Log Cabin", "Alaska Star", "Scrappy 9-Patch", and "Something Orange & Blue". The WaterPAC Raffle will draw for the "Log Cabin". Two of the projects were started by Kathleen Ronnebaum. They were completed by Connie Huerter of Seneca, Kan. who completed two additional quilts from the stash of Kate's materials still available.

Machine quilting of all four quilts was by Grace Bowser, Mayetta, Kan. 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.



CONCURRENT SESSIONS

Hyatt Ballroom D

Moderator: Roger Koch
City of Axtell

Op. Credit: W

REPAIRING 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? Attend this session and learn ways to repair that leaky fire hydrant and what caused it to fail in the first place. Can a valve really be repaired? Let's compare costs. Find out in this informative session.

R J Taylor

M&H/Kennedy Valve Company
Bucyrus, Kansas

Hyatt Ballroom E

Moderator: Mathew Arvin
Fort Riley Utility Service

Op. Credit: W & WW

WHAT DO UTILITIES NEED TO KNOW ABOUT CYBERSECURITY?

How secure is your utility against cybercrime? The news has stories of institutions being hacked nearly every day. No one thinks it will happen to them, but utilities across the country have been victims of cybercrime. This presentation will explain how cybersecurity threats and vulnerabilities can threaten you and your systems. We will cover where threats come from, how the attacks work and how you can take steps to protect yourself and your systems.

Erin McGinnis, ACRP

KS Information Security Office (KISO)
Topeka, Kansas

210 A

Moderator: Randy Mayfield
City of Horton

Op. Credit: W

CAUSES OF AND SOLUTIONS FOR DISINFECTION BYPRODUCTS

All community water systems are subject to disinfection byproducts (DBP) rules. This session will cover the factors that determine DBPs in drinking water. Both surface water treatment and well water chlorination will be covered. Monitoring for DBPs and compliance with drinking water regulations will be addressed. Many Kansas examples will be used to show how your system should evaluate its DBPs situation. Both water suppliers and systems purchasing wholesale water will be discussed.

S. Patrick McCool

Kansas Rural Water Association
Wichita, Kansas

210 B

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

Op. Credit: None; Clerk IIMC*

KPERS RETIREMENT SYSTEM; FROM HIRE TO RETIRE

Attend this informative session to fully understand what it means to be a KPERS member, whether you are just beginning your career or thinking about retirement. Covered topics include the different aspects of KPERS membership, employer funding basics, and KPERS position requirements. Learn about the different active member benefits, including disability, death benefits, and retirement. Questions will be encouraged, and attendees will depart knowing how to reach KPERS for detailed account questions and follow-ups.

Paige Ashley

KS Public Employees Ret. System
Topeka, Kansas

209 A

Moderator: Richard Ellis
Public Wholesale District 12

Op. Credit: WW

LAGOON CLEANING — LAND APPLICATION, BUDGETING

Many wastewater lagoons in Kansas are decades old. No matter how well the system is operated, sludge will eventually build up, taking treatment capacity away. Eventually, the sludge will need to be removed. This is a major project for small systems to accomplish. Learn about budgeting for a removal project, equipment and manpower needs, as well as how to locate farmland for application. The presentation will also cover how to determine loading rates, complete the paperwork and communicate with customers during the project.

Scott Wienands

Nutri-Ject Systems, Inc.
Hudson, Iowa

209 B

Moderator: Sabrina Cantrell
Kansas Dept. of Health & Env.

Op. Credit: None; Clerk IIMC*

DECODING YOUR LOCAL EMERGENCY RESPONSE PLANS

A wildfire is quickly encroaching on your community. What is your responsibility? Who is in charge of evacuations and where are they going? Do you have enough resources? A tornado is carving out a new landscape in your community. Where are people sleeping tonight? How will you feed first responders and survivors? We are here to help you understand what your roles, responsibilities, and authorities are when chaos and disruption occur in your community.

Keri Korthals; Julie Stinson

Butler County Emergency Mgmt.
Sedgwick County Emergency Mgmt.

210 C

Moderator: Douglas Helmke, PG
Kansas Rural Water Association

Op. Credit: W

URANIUM CONTAMINATION OF SW KANSAS GROUNDWATER

The Arkansas River entering southwest Kansas from Colorado is saline and contains a high uranium concentration. The river water has and continues to contaminate groundwater to uranium levels exceeding the maximum contaminant level for drinking water. This contamination in the High Plains aquifer can be found underlying the river valley and ditch irrigation areas in many parts of east-central Kearny and western Finney counties. This important session will explain how this continuing event will impact public water systems.

Don Whittemore

Kansas Geological Survey
Lawrence, Kansas

203

Moderator: Rich Krause
City of Russell

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 cuts down on 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 paperless, we are saving countless trees.

Dan Fischer

USDA Rural Development
Topeka, Kansas

CONCURRENT SESSIONS

Hyatt Ballroom D

Moderator: Steve Euler
Morris RWDs 1 and 2

Op. Credit: W & WW

VALVE EXERCISING TO ENSURE PERFORMANCE

The water and wastewater utility industry is challenged by the lack of visibility of buried infrastructure and the importance of maintaining adequate system control to reduce the consequence of pipe failures. Learn common problems encountered in the field with valves and the necessity to improve the utility GIS environment so utility staff can be more efficient responding to emergencies where valve isolations or throttling flows are required. This presentation focuses on small diameter valves up through 16-inch and larger.

Deryck Freudeman

Xylem
Columbia, Maryland

210 A

Moderator: Lyndon Kern
City of Iola

Op. Credit: W

BEYOND THE REGS: IMPROVING WATER QUALITY LONG-TERM

To produce great water, an operator must look beyond the regulations. Great operators take a holistic approach to water quality issues, looking for long-term solutions in the treatment plant and water distribution system. This approach has helped multiple water plants in Kansas and Oklahoma with iron and manganese removal, tackling disinfection by-products in large regional water systems, and with advanced coagulation to remove high levels of aluminum or other secondary, non-enforceable contaminants that cause cosmetic issues.

John Hodgden

Leavenworth Waterworks
Leavenworth, Kansas

Hyatt Ballroom E

Moderator: J.P. Risenhoover
eLynx Water Solutions

Op. Credit: WW

SECURITY THROUGHOUT THE AUTOMATION SOLUTION LIFECYCLE

Operational Technology (OT) is the use of hardware and software to monitor and control physical processes, devices, and infrastructure. U.S. Dept. of Homeland Security's Cybersecurity and Infrastructure Security Agency (CISA) serves to promote a cohesive effort between government and industry that will improve CISA's ability to anticipate, prioritize and manage national-level OT risk. CISA assists OT systems' vendors and assets owners, operators and vendors across all critical infrastructure sectors to identify security vulnerabilities and develop sound, proactive mitigation strategies.

Samuel Alva

US Dept. of Homeland Security
Wichita, Kansas

210 B

Moderator: Robert Gayle
City of Florence

Op. Credit: W & WW

MEMBRANE FILTRATION - AN OPERATOR'S PERSPECTIVE

Membrane filtration is the way of the future. This presentation looks at many of the physical conditions that are found in RO/NF/MF/UF systems operating in municipal applications in North America today. Physical conditions are classified as observations that operators routinely make in the day-to-day operations of the RO/NF/MF/UF membrane process. Conditions related to cartridge filters, antiscalant, membrane damage, and process upsets will be covered along with how these conditions occur and next steps in preventative measures.

Stuart Leak

Avista Technologies
San Marcos, California

209 A

Moderator: Steve Homburg
City of Ellis

Op. Credit: WW

UV: THE ULTRA DISINFECTANT

Many wastewater treatment plants disinfect with UV. This session will provide an explanation of general maintenance and the advantages and constraints of different types of UV systems. Upfront expenditures and the long-term cost of owning the system will be discussed. Find out how different hydraulic and physical conditions determine what style of UV system is appropriate for a plant. Discover how to achieve the level of disinfection required in the most cost-effective way while still providing a good ownership experience.

Romeo Vela, M.E., MBA
Glasco UV
New York, New York

210 C

Moderator: Albert Lee
Riley County Public Works

Op. Credit: W & WW

WORK ZONE 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 than a motorist who knows hazards are ahead. 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
Univ. of Kansas Transportation Center
Lawrence, Kansas

209 B

Moderator: Lonnie Rignell
City of Riley

Op. Credit: W & WW

SYSTEM DATA COLLECTION — WHERE'S THAT MAP?

Water operators, board members, and staff need access to system data – things like the geographic location of (and information about) system assets like mains, valves, and hydrants, to make decisions about system operations, not to mention for completing the Lead Service Line Inventory that is due in October 2024. This presentation will demonstrate low-cost applications that will immediately impact system operations from developing system inventories to tracking routine maintenance to regulatory compliance and other workflows.

Sheldon Bina, GISP
Kristen Zimmerman, AICP
PEC, Wichita, Kansas

203

Moderator: Bert Zerr
Kansas Rural Water Assoc.

Op. Credit: W; Clerk IIMC*

FIND THE MONEY — GRANTS FOR UTILITY IMPROVEMENTS

Money is what makes the world go around. We need money to pay for the utility projects, but where do we find that money? The community can only put up so many funds to fix the utility issues. Thus, grants are helpful. However, finding grant money and finding the right grant program is not easy. So, let's discuss what funds are out there, where you can find them, and what steps need to be taken to gain access to those funds. Kansas Rural Water Association is ready, willing and able to provide assistance to cities and RWDs on this.

Lorraine Lowrey
Kansas Rural Water Association
El Dorado, Kansas

Thank You Exhibitors

Thank you, Exhibitors! The following pages show the companies and agencies that indicated they would have exhibit space at the 2024 conference as of December 18. A final EXPO Hall Floor plan with booth numbers will be included in each registration packet at the conference.

A-1 Pump & Jet Services, Inc.

Emporia, Kansas

Advanced Drainage System

Wichita, Kansas

Advanced Microbial Solutions

Longview, Texas

Advantage Controls, LLC

Muskogee, Oklahoma

Aegion-Insituform Technologies USA, LLC

Chesterfield, Missouri

AFC Cleaning & Restoration, Inc.

Kansas City, Missouri

Alexander Pump & Services

St. Marys, Kansas

Allgeier, Martin and Associates, Inc.

Joplin, Missouri

Alliance Pump & Mechanical Service

Independence, Missouri

American AVK Company

Tulsa, Oklahoma

American Flow Control

Blue Springs, Missouri

Ampstun Utility Billing

Richmond, Kentucky

Armor Equipment

Arnold, Missouri

ASC Pumping Equipment

Lenexa, Kansas

AV Water Technologies, LLC

Houston, Texas

Axiom Instrumentation Services

Mission, Kansas

B & B Electric Motor Company

Wichita, Kansas

Badger Infrastructure Solutions

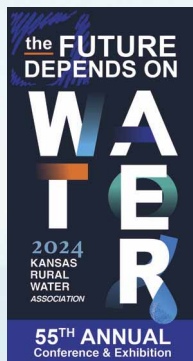
Cheney, Kansas

Badger Meter

Milwaukee, Wisconsin

BARCO Municipal Products, Inc.

Ottawa, Kansas



Bartlett & West, Inc.
Topeka, Kansas

Berry Tractor & Equipment Company
Wichita, Kansas

BG Consultants, Inc.
Emporia, Kansas

Boom Light LLC
Wichita, Kansas

BRB Contractors
Topeka, Kansas

Broadstroke, Inc.
Wichita, Kansas

Burns & McDonnell
Kansas City, Missouri

C & B Equipment
Overland Park, Kansas

C K Power
St. Louis, Missouri

Canada Company
Tulsa, Oklahoma

CAS Constructors, LLC
Topeka, Kansas

Central Tank Coatings, Inc.
Elgin, Iowa

Chlorinators Incorporated
Stuart, Florida

Circle C Paving and Construction, LLC
Goddard, Kansas

Clarke Well & Equipment
Great Bend, Kansas

Clifford Power Systems, Inc.
Tulsa, Oklahoma

Comm-Tronix
Wichita, Kansas

Contractor Solutions Trench Shoring LLC
Altoona, Iowa

Core & Main
Wichita, Kansas

Core & Main / CES
Belton, Missouri

Crafco, Inc.
Wichita, Kansas

Cummins Inc.
Kansas City, Missouri

Cunningham Sandblasting & Painting Co.
Joplin, Missouri

D C & B Supply Company

Pratt, Kansas

DFW Plastics, Inc.

Bedford, Texas

Diehl Metering

Lisle, Illinois

Ditch Witch UnderCon

Park City, Kansas

Downey Drilling, Inc.

Lexington, Nebraska

DPC Enterprise

Wichita, Kansas

Durkin Equipment Company

St. Louis, Missouri

Dutton - Lainson Company

Hastings, Nebraska

Earles Engineering & Inspection, Inc.

Pittsburg, Kansas

EBH Engineers

Pratt, Kansas

EJ Equipment

Troy, Illinois

EJ USA, Inc.

Kansas City, Missouri

Elliott Equipment Company

Grimes, Iowa

Elliott Group

Topeka, Kansas

eLynx Water Solutions

Tulsa, Oklahoma

Emerald Coast Manufacturing

Pensacola, Florida

Energy Solutions Professionals

Overland Park, Kansas

Enviro-Line Company

Osawatomie, Kansas

Environmental & Process Systems, Inc.

Lenexa, Kansas

Environmental Process Equipment Company

Wichita, Kansas

ESI

Olathe, Kansas

Evoqua Water Technologies LLC

Lawrence, Kansas

Ferguson Waterworks

Kansas City, Missouri



Fluid Equipment Company

Riverside, Missouri

Foley Equipment Company

Wichita, Kansas

Force Flow / Halogen Valve Systems

Concord, California

Ford Meter Box

Frankfort, Kansas

Fortiline Waterworks

Louisburg, Kansas

FTC Equipment, LLC

Kansas City, Missouri

Garver

North Little Rock, Arkansas

Gavel Roads Online Auctions

Wichita, Kansas

Governmental Assistance Services

Lawrence, Kansas

GPM Environmental Solutions, LLC

Blair, Nebraska

Grasshopper Company

Moundridge, Kansas

Great Plains Structures

Vadnais Heights, Minnesota

Gutermann, Inc.

New Market, New Hampshire

Hawkins, Inc.

Garnett, Kansas

Haynes Equipment Company

Olathe, Kansas

HF Scientific

Munster, Indiana

HIC Agency, Inc.

Overland Park, Kansas

HOA Solutions, Inc.

Lincoln, Nebraska

Hubbell Power Solutions

Lenoir City, Tennessee

Hydra-Stop LLC

Burr Ridge, Illinois

Hydro-Klean, LLC

Des Moines, Iowa

IEE - Innovative Engineered Equipment

Independence, Missouri

Industrial Sales Company

Olathe, Kansas

Innovative Utility Solutions

Colorado Springs, Colorado

IXOM Watercare

Denver, Colorado

J & A Traffic Products

Blue Springs, Missouri

Jayhawk Software

Iola, Kansas

JCI Industries

Lee's Summit, Missouri

JEO Consulting Group, Inc.

Omaha, Nebraska

Johnson Controls

St. Louis, Missouri

Johnson Service Company

Kearney, Nebraska

Kansas 811

Wichita, Kansas

Kansas Community Empowerment

Manhattan, Kansas

Kansas Department of Commerce

Topeka, Kansas

Kansas Department of Labor

Topeka, Kansas

Kansas Dept. of Ag. Division of Water Resources

Manhattan, Kansas

Kansas Dept. of Health & Environment

Topeka, Kansas

Kansas Geological Survey

Lawrence, Kansas

Kansas Rural Water Association

Seneca, Kansas

Kansas Water Environment Association

Topeka, Kansas

Kansas Water Office

Topeka, Kansas

Kasco - Axis Construction, LP

Fort Worth, Texas

Kaw Valley Engineering

Junction City, Kansas

Key Apparel

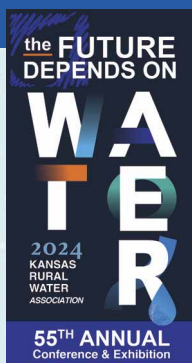
Fort Scott, Kansas

Key Equipment & Supply and Quality Rents

Kansas City, Kansas

Kirkham, Michael & Associates

Ellsworth, Kansas



KLM Engineering, Inc.
Woodbury, Minnesota

KM International
North Branch, Michigan

KPERS 457
Topeka, Kansas

Kramer Consulting, LLC
Tecumseh, Kansas

Lamotte Company
Chestertown, Maryland

Lamp Ryneerson
Kansas City, Missouri

Layne Christensen Company
Kansas City, Kansas

Letts Van Kirk & Associates
Kansas City, Kansas

LiquidTEK, LLC
Wilton, North Dakota

Logic, Inc.
Olathe, Kansas

LRE Water
Lawrence, Kansas

Mack McClain & Associates
Olathe, Kansas

Maguire
Sioux Falls, South Dakota

Master Meter, Inc.
Mansfield, Texas

Mayer Specialty Services
Goddard, Kansas

McConnell & Associates Corporation
Wichita, Kansas

McIntire Management Group
North Kansas City, Missouri

Mellen & Associates
Council Bluffs, Iowa

Meridian Analytical Labs
Wichita, Kansas

Metron-Farnier
Boulder, Colorado

Micro-Comm Inc.
Olathe, Kansas

Mid America Meter, Inc.
Shawnee, Kansas

Mid West Fire Training Associates
Burlington, Kansas



- Mid-America Valve**
Leawood, Kansas
- Midco Diving & Marine Services**
Rapid City, South Dakota
- Midland - MIDCO**
Fort Worth, Texas
- Midwest Engineering Group, LLC**
Sapulpa, Oklahoma
- Midwest Infrastructure Coatings**
Jefferson City, Missouri
- Midwest Meter Inc**
Edinburg, Illinois
- Miller & Associates, Consulting Engineers**
Kearney, Nebraska
- Mountainland Supply**
Orem, Utah
- Mueller Water Products**
Paola, Kansas
- Municipal Pipe Tool Company**
Hudson, Iowa
- Municipal Supply, Inc.**
Wichita, Kansas
- Murphy Tractor & Equipment Company**
Park City, Kansas
- Napoli Shkolnik, PLLC**
New York, New York
- Nexbillpay**
Birmingham, Alabama
- Nutri-Ject Systems**
Hudson, Iowa
- O.J. Dupree Company**
Shawnee, Kansas
- Olathe Winwater Works Company**
Olathe, Kansas
- Olsson**
Manhattan, Kansas
- PeopleService, Inc.**
Omaha, Nebraska
- PRELOAD, LLC**
Richardson, Texas
- Professional Engineering Consultants**
Wichita, Kansas
- Proseal, Inc.**
El Dorado, Kansas
- Pumps of Oklahoma**
Oklahoma City, Oklahoma



Purple Wave Auction
Manhattan, Kansas

R. E. Pedrotti Company
Mission, Kansas

Ranson Financial Group, LLC
Wichita, Kansas

Ray Lindsey Company
Belton, Missouri

RED Equipment, LLC
Independence, Missouri

Rensenhouse Electric
Holmesville, Nebraska

Roblyn Manufacturing
Ash Grove, Missouri

Romac Industries
Kansas City, Missouri

RootX
Salem, Oregon

Salina Supply Company
Salina, Kansas

SAM Companies
Austin, Texas

Sargent Drilling
Salina, Kansas

Schulte Supply, Inc.
Edwardsville, Illinois

Schwab-Eaton, PA
Beloit, Kansas

Sidener Environmental Services
St. Louis, Missouri

SitePro
Lubbock, Texas

SMH Consultants
Manhattan, Kansas

Smico Contracting Group, LLC
Odessa, Missouri

Smith & Loveless
Lenexa, Kansas

Smith Blair, Inc.
Raymore, Missouri

Stanley Black and Decker Outdoors
Hesston, Kansas

Stenner Pump Company
Jacksonville, Florida

Subsurface Solutions
Olathe, Kansas



SWAN Analytical USA

Wheeling, Illinois

TankSpekCorp

Joplin, Missouri

Team Laboratory Chemical, LLC

Detroit Lakes, Minnesota

Thoroughbred Systems

Topeka, Kansas

Tnemec Company/MWCC

North Kansas City, Missouri

Tomcat Consultants, LLC dba TAP Co.

Rosebud, Missouri

TREKK Design Group, LLC

Kansas City, Missouri

Trumbull Manufacturing

Youngstown, Ohio

USABlueBook

Gurnee, Illinois

USDA Rural Development

Topeka, Kansas

USG Water Solutions

Eudora, Kansas

Utility Solutions Associates

Kearney, Nebraska

V.L.P.

Wichita, Kansas

Vermeer Great Plains

Goddard, Kansas

Viaanix, Inc.

Wichita, Kansas

Viking Industrial Painting

Hesston, Kansas

Walsh Long & Company Inc.

Naperville, Illinois

WaterWise Enterprises

Oxford, Kansas

Westlake Pipe and Fittings

St. Louis, Missouri

White Star Machinery

Wichita, Kansas

Wilson & Company, Inc.

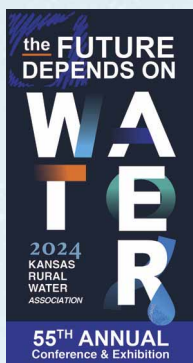
Salina, Kansas

Worth Hydrochem of Okla, Inc.

Norman, Oklahoma

Zenner USA

Addison, Texas



**Thank You
Exhibitors and
Sponsors**

KRWA appreciates the support of all the Exhibitors and Sponsors for the 55th 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.

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 12/18/2023).

Platinum Sponsors – \$2,500

Advanced Microbial Solutions – Longview, Texas

Hawkins, Inc. – Garnett, Kansas

Watts Water Technologies – Olathe, Kansas

Gold Sponsors - \$1,500

Midwest Infrastructure Coatings – Jefferson City, Missouri

Municipal Supply, Inc. – Wichita, Kansas

Smith & Loveless – Lenexa, Kansas

WaterWise Enterprises – Oxford, Kansas

Silver Sponsors - \$1,000

Crafco, Inc. – Wichita, Kansas

Cunningham Sandblasting & Painting Co. – Joplin, Missouri

Ferguson Waterworks – Kansas City, Missouri

Lamp Rynearson – Kansas City, Missouri

Professional Engineering Consultants – Wichita, Kansas

Zenner USA – Addison, Texas

Bronze Sponsors - \$500

Alexander Pump & Services – St. Marys, Kansas

Badger Infrastructure Solutions – Cheney, Kansas

BG Consultants, Inc. – Emporia, Kansas

Clifford Power Systems, Inc. – Tulsa, Oklahoma

EBH Engineers – Pratt, Kansas

Key Equipment & Supply and Quality Rents

– Kansas City, Kansas

McIntire Management Group – North Kansas City, Missouri

Nexbillpay – Birmingham, Alabama

Pumps of Oklahoma – Oklahoma City, Oklahoma

Ray Lindsey Company – Belton, Missouri

SitePro – Lubbock, Texas

Other Amounts

ASC Pumping Equipment – Lenexa, Kansas

Elliott Group – Topeka, Kansas

ESI – Olathe, Kansas

Mayer Specialty Services – Goddard, Kansas

Midwest Meter Inc. – Edinburg, Illinois

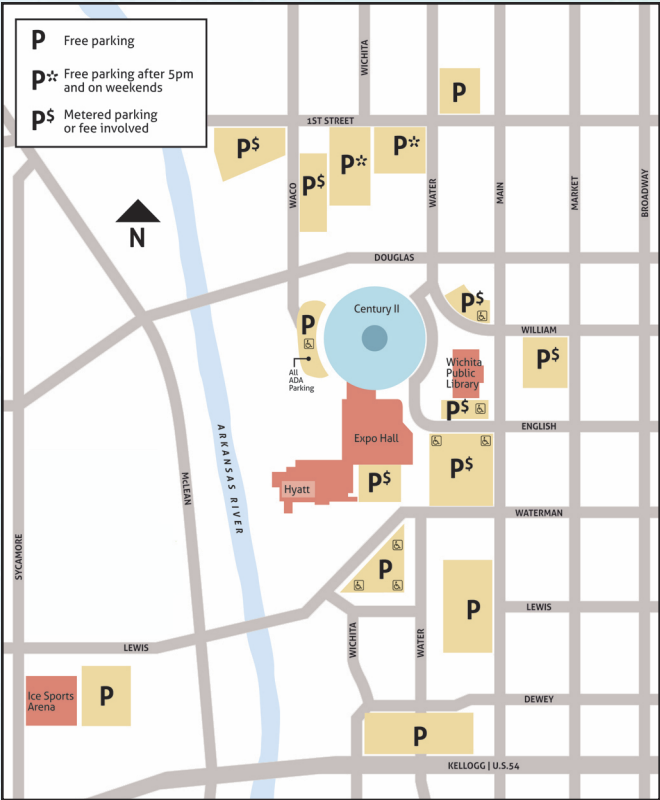
O.J. Dupree Company

– Shawnee, Kansas

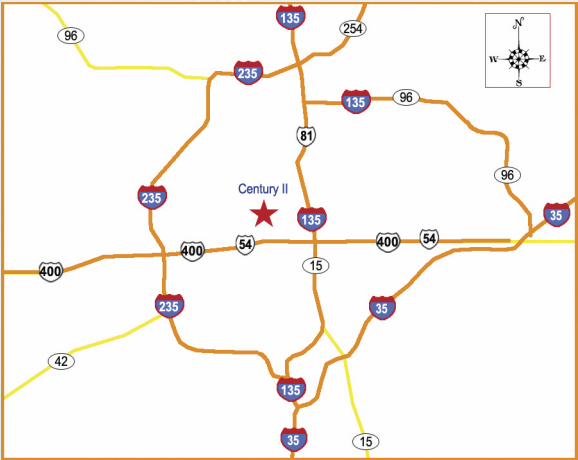
Schwab-Eaton, PA – Beloit, Kansas



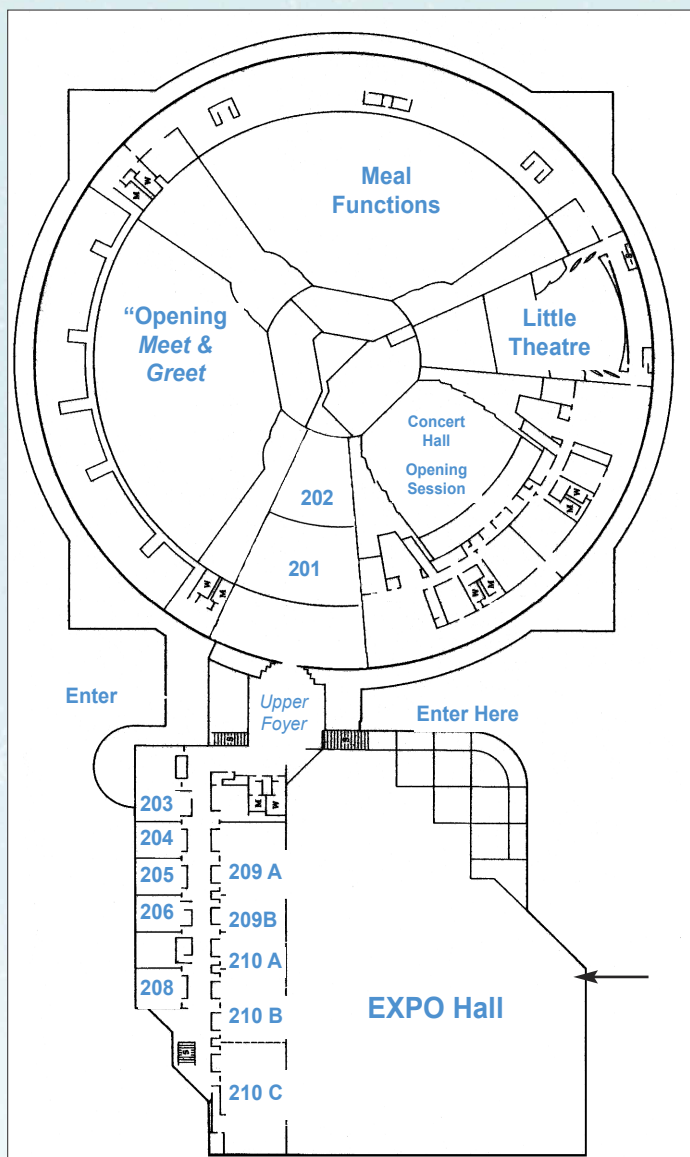
CENTURY II PARKING



Map of Wichita



CENTURY II CONVENTION CENTER



Century II Meeting Rooms are on the promenade level. **Hyatt Ballrooms D and E** are on the lower level, opposite EXPO Hall.

ACCOMMODATIONS

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

Ambassador Hotel, 104 S. Broadway, Ph. 316/239-7100; comp shuttle to Century II. \$185 flat; \$18.00 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 \$97

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; Free hot comp. breakfast; free 5:30 Kickback; Use group #10020300; \$10.00 daily parking fee; Single or Double \$162 (***sold out; ask for wait list***)

Fairfield Inn Suites by Marriott, Wichita Downtown, 525 S. Main. New in 2011. expanded comp. breakfast. Ph. 316/201-1400; \$162 King or Queen

Hawthorn Suites Wichita Airport, 5500 W. Kellogg Dr.; Ph. 316/943-2181; Complimentary Hot Breakfast; \$92 Flat

Hilton Garden Inn, Wichita Downtown, 401 E. Douglas; New in 2019; Ph. 316/669-6175; \$159 flat. \$10.00 daily parking fee. Complimentary Shuttle

Holiday Inn Select, 549 S. Rock Road; Ph. 888/558-5113 or 316/686-7131, for king or double, (one to four persons); \$103 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; Ph. 316/267-4800; \$159 Queen; \$169 King

Hyatt Regency, attached to Century II, complimentary parking garage; Ph. 316/293-1234; \$165 single; \$165 double (***sold out; ask for wait list***)

LaQuinta Inn & Suites, 6335 W. Kellogg Dr.; Ph. 316/943-2373; complimentary hot breakfast; \$107 flat

Wingate Wichita Airport, 5500b West Kellogg Dr; Ph. 316/448-1617; complimentary breakfast buffet; \$89 flat

REGISTRATION FORM

55TH ANNUAL CONFERENCE & EXHIBITION

Tuesday, Wednesday, Thursday, March 26 - 28

Century II Convention Center, Wichita, Kansas

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

Note: You may register and pay online at <https://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, 3/26** ☐ **Wednesday, 3/27** ☐ **Thursday, 3/28**

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 \$ _____

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 the registration fee and any meal tickets. Two spouse programs are complimentary: Tuesday – “Bingo Bash”, and, Wednesday, “Board & Brush” (see page 32). Spouses should make those if planning to attend, as tickets to each will be provided.

Golf Tourney, 3/26, 8:30 a.m. (pay KRWA)\$75 \$ _____

Tuesday, 3/26 Luncheon Ticket\$15 \$ _____

Tuesday, Spouse Program “Bingo Bash” ☐ **Yes** ☐ **No**

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

Wednesday, 3/27 Luncheon Ticket\$15 \$ _____

Wednesday, Spouse “Board & Brush” ☐ **Yes** ☐ **No**

Wednesday Awards Banquet & Show\$30 \$ _____

Thursday, 3/28 Breakfast (by Chris Cakes)\$ 5 \$ _____

Thursday, 3/28 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

- ☐ 2024 Engineers' Forum for Water and Wastewater Systems (p. 11)
- ☐ Water Operator Exam Review - Preparing for Certification (p. 12)
- ☐ Technologies for Locating Utilities and Water and Wastewater Metering (p. 13)
- ☐ Microbiology in Wastewater Treatment Processes (p. 14)
- ☐ City Clerks' Forum: It's All About Business (p. 15)
- ☐ Wastewater Operator Exam Review (p. 16)
- ☐ Disinfection A to Z (p. 17)
- ☐ RWD Managers' and Bookkeepers' Forum (p. 18)
- ☐ The Art and Philosophy of Setting Water Rates (p. 19)

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

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

If you wish to register and pay online, go to <http://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.

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*Registration Forms: page 51 - 56 or
register and pay online – <https://krwa.net>*



**Don't miss Mid-America's
largest Water & Wastewater
Conference**