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 2016, registrants totaled 2,300 people from 339 cities and 199 rural water systems.

DATES & LOCATION

Wednesday, Thursday, March 28 - 30
Centennial 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 on page 56. Save $25 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, March 30 at 1:30 p.m. in Hyatt Ballroom E. See page 37 for details.

Registration forms are printed on page 56. Make additional copies if necessary. Return registration forms with payment to: KRWA, PO Box 226, Seneca, KS 66538. Or, you may register online at www.krwa.net and pay by credit card. Questions? Call 785-336-3760.

Accommodations – see page 35 for hotel blocks.

“Knowledge, Experience and You – the KEY to Good Service” is a theme that fits local utilities, the Kansas Rural Water Association (KRWA), other organizations – and agencies. It’s the theme of the 2017 Annual Conference & Exhibition for public water and wastewater systems. The 3-day event includes a robust technical program on operations, policy issues and regulations. It also features the largest display of materials for the water and wastewater industries with 361 exhibit spaces. The program includes outstanding speakers, great food and top notch entertainment. Register early and save $25. This conference is an experience you should not miss. It’s March 28 - 30 at the Century II Convention Center in Wichita, Kansas.
**Conferences At A Glance**

**Tuesday, March 28**

7:00 a.m. 5K-KRWA run/walk (see p. 36)
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. 38)
9:30 a.m. City Clerk’s Forum (p. 40) and RWD Office Forum (p. 42) preconference sessions begin
10:00 a.m. Other preconference sessions begin (pp. 38-42)
Noon: Lunch, purchase meals on registration form
1:00 p.m. Preconference sessions reconvene
4:00 p.m. EXPO Hall opens – 361 booths (p. 47)
6:30 p.m. Opening Night – “Meet & Greet!” – barbecue, social, games, $10,000 in prizes (p. 33); purchase ticket for $15 on registration form (p. 56)

**Wednesday, March 29**

7:30 a.m. Registration Opens – Connecting Lobby, Century II, Hospitality – beverages, rolls and fruit
8:30 a.m. Opening Session – Concert Hall; Keynote: David Browning – The Mayberry Deputy, The Future: Which “Key” Unlocks Your Potential (p. 43)
10:00 a.m. EXPO Hall opens – 361 booths (p. 47)
10:45 a.m. Concurrent Sessions (pp. 44)
Noon: Lunch, purchase meals on registration form
1:30 p.m. Certification Exam, Water & Wastewater Small Systems, Classes I - IV, Hyatt Ballroom E (p. 37)

**Tuesday Evening “Meet & Greet”**

**Opening Nite – BBQ, Games, Social and $10,000 in Prizes!**

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

The KRWA conference is one big, down-home event and the Opening Nite “Meet & Greet” is a grand way to end the first day of preconference sessions. It’s unique. The 2017 “Meet & Greet” offers great food, a terrific social, a carnival, and the band, King Midas & The Mufflers, playing in the background. There are more than 30 games, including large midway trailers, a casino, a photo booth, laser skeet shoot, and an O2 Bar For those who have the stomach for a bit of a thrill, there will be another amusement ride. Do you want your fortune told? See the palm reader. Want your face drawn? See one of the caricaturists. Want to win prizes? Take part in the games. The ticket price is only $15 for an evening of food and fun. Everyone who attends has a chance to win one of the ten $250 VISA gift cards drawn from admission tickets. Win at the games and then place your tickets for prizes that you select. The drawings begin at 9:45 p.m. Winners must be present. This year’s menu again has great barbecue, potato salad, baked beans, cole slaw, dessert and beverages. It’s one big party – complete with a carnival midway inside Century II. There is nothing like it for a conference opener.

This is the fifth year for the appearance of King Midas & The Mufflers band. These guys play real music! King Midas specializes in oldies – songs of the 50s, 60s and 70s. These guys do rock!

Play the games, rack up the tickets, renew acquaintances and make new friends at the Opening Nite “Meet & Greet”. Purchase your ticket for only $15 on the registration form.
WHAT THIS CONFERENCE OFFERS

9 preconference sessions on Tuesday, March 28; early registration is required. See pages 38-42.

48 concurrent sessions, Wednesday and Thursday. See page 44 and beyond for these sessions.

361 exhibit spaces in EXPO Hall with the latest in products and services. See pages 47 for the floor plan.

Attorneys’ Forum – for lawyers only, seeking to learn more and exchange information. Open at no charge to attorneys of KRWA-member utilities. See page 38.

Opening Nite – Meet & Greet! This is the “one-of-a-kind” conference opener with great food and social, games to play to earn tickets for the prizes of more than $10,000. And by popular demand, King Midas and the Mufflers band is returning. Opening Nite Meet & Greet tickets are available for a nominal fee of $15. See page 33.


Special Guests – Tracy Streeter, Director, Kansas Water Office; Ron Wilson, Huck Boyd Institute. See page 34.

Best Tasting Water Contest, WaterPAC Raffle, page 37.

Awards Banquet and Entertainment – recognition of Kansas’ Best Operators, Managers and Administrators. Then it’s the rollicking musical, Life Could Be A Dream. See page 49.

Spouse Program – Wednesday, 1:30 p.m., Hyatt Chef Paul Freimuth will be joined by Krista Sanderson of Real Food America to present an afternoon program to help you plan for real meal ideas that you will know are easy to prepare, great-tasting, affordable and good for you! See page 43. This program is at no charge for those who sign up to attend the Spouse Program.

Operator Certification Exam – the certification exam will be given for Small System (SS) and Class I - IV Water and Wastewater, Thursday afternoon. Be in Ballroom E at 1:30 p.m., March 30. Refresher courses on Tuesday and Thursday. See page 37 for information on obtaining an exam application form.

Annual Membership Meeting – Thursday, March 30 at 8:00 a.m. in Room 209A. See page 37.

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

SPECIAL GUESTS

Tracy Streeter
Director, Kansas Water Office
Speaker: Wednesday Luncheon

UPDATE ON THE KANSAS WATER PLAN

It’s been over three years since Governor Brownback issued a call to action for the development of a 50-Year Water Plan. Since then, more than 100 action items have been initiated addressing issues relative to the conservation of the Ogallala/High Plains Aquifer and sustaining our system of Kansas reservoirs. More than 60 action plans have been developed by the 14 Regional Advisory Committees to implement the regionally identified goals. A task force created to identify future funding opportunities has completed its work and a steering committee has developed a series of strategies to implement a comprehensive statewide education and outreach program. Tracy will provide an update on the latest Water Vision activities.

Tracy has served as the Director of the Kansas Water Office, the state’s water planning, policy and coordination agency since 2004. Tracy was re-appointed by Governor Sam Brownback on December 31, 2010. Before joining KWO, he served as Executive Director of the State Conservation Commission. Tracy has 31 years of experience in Kansas water resources management.

Ron Wilson
Director, Huck Boyd Institute
Speaker: Thursday Luncheon

TUMBLEWEED TALES: CHANGE, CHALLENGE AND CHAMPIONS

Ron Wilson is director of the Huck Boyd National Institute for Rural Development at Kansas State University in Manhattan. He has a B.S. in Agricultural Education and a Masters in Mass Communications from K-State. He has been a legislative assistant to Senator Nancy Kassebaum in Washington D.C., a staff member for the U.S. Senate Agriculture Committee, and vice president of the National Council of Farmer Cooperatives. In 1985, he returned to Kansas to become a vice-president of the Farm Credit Bank of Wichita and in 1990 became director of the Huck Boyd Institute. Ron has written and produced more than a thousand features about small town Kansas entrepreneurs and community leaders through his weekly radio program and news column called “Kansas Profile.” He is a graduate of Leadership Kansas, has published numerous articles, spoken at national and international meetings, and appeared on C-SPAN.

Ron’s presentation highlights fascinating rural citizens who are champions for their communities, while describing the forces of change and challenge being faced by rural areas.
**The Best in Kansas**

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

**Accommodations**

**Ambassador Hotel**, 104 S. Broadway, Ph. 316/239-7100; comp shuttle to Century II. $154 flat

**Best Western Airport Inn**, 6815 W. Kellogg; Ph. 888/942-5666. Free breakfast; comp shuttle to Century II. $79.99 flat

**Best Western Plus Eastgate Inn & Suites**, 8300 E. Kellogg; Ph. 316/682-3000. Free breakfast; Use Group ID H65SV3G4; Single or Double $79

**Best Western Governors Inn & Suites**, 4742 S. Emporia, Ph. 866/522-0775 or 316/522-0775; Deluxe hot breakfast; Fully renovated in 2015; $79.99 Flat

**Best Western Plus West Wichita Airport**, (Formerly Hampton Inn) 3800 W. Kellogg; Ph. 316/945-4100; comp. airport shuttle and deluxe hot breakfast bar; $109 flat.

**Clarion Inn and Suites**, 5805 W. Kellogg; Ph. 316/942-7911. Full hot buffet breakfast; comp shuttle to Century II; $74.99 flat

**Comfort Suites**, 7515 West Taft St.; Ph. 316/773-1700; comp. Breakfast bar; $104.00 flat

**Courtyard by Marriott**, (in OldTown), 820 E. 2nd Street North; Ph. 866-522-8909; $149 flat

**Courtyard Hotel**, Wichita East 2975 North Webb Rd., ph.316-636-4600; $114 king or queen

**CrestView Suites - Wichita**, 12111 E. Central Avenue; Ph. 888/723-1655 or 316/689-8000; comp. deluxe continental breakfast; studio or one bedroom w/king bed $79.99

**Drury Plaza Hotel Broadview**, 400 W. Douglas; Ph. 316/262-5000; Newly renovated; Free hot comp. breakfast; free 5:30 Kickback; Use group #2236694; $8.00 daily parking fee; Single or Double $150

**Fairfield Inn Suites by Marriott**, Wichita Downtown, 525 S. Main. New in 2011. Comp. shuttle to Century II; expanded comp. breakfast. Ph. 316-201-1400; $125 King or Queen

**Holiday Inn Select**, 549 S. Rock Road; Ph. 888/558-5113 or 316/686-7131, for king or double, (one to four persons); $95 flat

**Homewood Suites by Hilton @ the Waterfront**, 1550 N. Waterfront Parkway. Ph. 316/260-8844. One bedroom suite. Fully-equipped kitchen; separate sleeping area, complimentary shuttle. $174

**Hotel at Old Town**, 830 E. First, complimentary parking garage; comp. hot breakfast; Ph. 316/267-4800; $137 Queen; $157 Double

**Hotel at Waterwalk**, 711 S. Main St., Downtown Wichita; Ph. 316/263-1061, within walking distance of the Event Center; Comp. Cook-to-Order Breakfast and Shuttle; $119 Kings; $129 Doubles and One Bedrooms; $149 Loft Suites

**Hyatt Regency**, attached to Century II, complimentary parking garage; Ph. 316/293-1234; $147 single; $147 double. If you need additional assistance call 1-888-421-1442. **This block is sold out.**

**LaQuinta**, 5500 W. Kellogg; Ph. 316/943-2181; complimentary deluxe continental breakfast; newly renovated; $85 flat

**Wichita East Fairfield Inn**, by Marriott, 333 S. Webb Road; Ph. 316/685-3777; continental breakfast; scheduled shuttle to Airport and Century II; $84 flat

**Wyndham Garden Hotel** (formerly Holiday Inn), 221 E. Kellogg; within walking distance to Century II, comp. shuttle to Century II and airport; Ph. 316/269-2090; $99 Single or Double
Tuesday Morning Wake Up!

The “Almost 5K-KRWA Conference Run/Walk”

This 2.75-mile run/walk is again routed along the Riverwalk path adjacent to the Arkansas River near Century II. You don’t have to be a professional runner to enjoy an early morning outing.

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

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

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

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

Date: Tuesday March 28
Where To Start: Connecting Lobby, Century II
Time: 7 a.m., rain or shine
Distance: 4.4K - 2.75 miles

Back by popular demand! The Butler Headliners will help get the 50th Annual Conference off to a rousing start with a musical revue, “The Elements” at the Opening Session, Wednesday, 3/29 at 8:30 a.m.in Concert Hall.

A Unique Conference . . .

Here are Seven Reasons To Attend

Access: Enjoy unmatched access to colleagues and leaders from all facets of the water and wastewater industries. This conference has you among friends!

Learning: No matter how experienced you are, everyone can learn. Discover the best practices, insights, and trends that will help make you and your community stronger.

Develop Partnerships: Explore new opportunities with funding agencies and others.

Meet Experts: Benefit from the expertise of some of the leading authorities in Kansas and from across the U.S.

It’s a Value: Gain access to all the resources you need while you participate in preconference and concurrent sessions and explore EXPO Hall. The exhibition is among the largest in the U.S.

Model Practices: Discover innovations and solutions that can make an impact on your community. This conference is not a cost; it’s an investment.

Network With Others: Expand your network of peers and meet people you can turn to for ideas that can serve you and your community. We learn from each other. Share your challenges and successes.
Contests – WaterPAC

Best Tasting Water in Kansas Contest

Every water system has good water – but some may be better than others. Let’s put them to the test. In 2002, the city of Emporia won and was among the five finalists in the nation; in 2003, Public Wholesale District No. 4 won and placed first in the nation! In 2012 and 2016, Emporia placed second and third place respectively in the national contest.

How to enter? It’s easy. Bring a one gallon sample of water (in a glass container) from your city or rural water district to the registration desk at Century II by noon on Tuesday, March 28. A panel of water industry professionals will judge the samples that afternoon. The winner goes on to represent Kansas in the Great American Water Taste Test at National Rural Water’s “Rural Water Rally” in Washington, D.C. The 2016 winner, the City of Emporia, will be entered in the 2017 national contest which will be held in Washington in February. The KRWA winner at the 2017 conference will be entered in the national contest in 2018.

Expo Hall is No Longer Wireless

Century II Convention Center now requires users to purchase Internet access. Internet access is available for purchase by opening a web browser and selecting a plan. KRWA will have three “computer workstations” located in the hospitality area of EXPO Hall for anyone to use for Internet, accessing email or printing documents. The three stations in EXPO Hall are without charge.

Support “Rural Water” Through the WaterPAC Raffle

The WaterPAC Raffle supports the National Rural Water Association’s political action committee. In 2016, WaterPAC raised $7,969. 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 booths 103 and 104 in EXPO Hall to make a donation and have opportunities for drawings for great prizes.

Certification Exams

Water or Wastewater Operator Certification Exam – Small System, Class I, II, III and IV

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

Hyatt Ballroom E

The Kansas Department of Health and Environment requires that the exam application be received by KDHE at least two (2) weeks prior to the exam date (or March 16). For an exam application, please call KDHE at 785/296-5511 or print an application from KDHE’s Website www.kdhe.state.ks.us/water/www.html. Check under related links. The application and payment must be mailed to KDHE and received by KDHE by March 16. The exam will begin at 1:30 p.m. to allow operators ample time to attend the Thursday noon lunch.

Cell Phone Etiquette – Respect For Others

Every cell phone call is not an emergency. Cell phones are great conveniences. But it is not other people’s responsibility to cope with your mobile phone use; it is your responsibility to use your mobile phone inoffensively. KRWA requests that when attending the opening session, concurrent training sessions, noon luncheons or other events during the conference, cell phones should be set to not ring. It is a matter of courtesy to the speakers and to others who are attending. No one wishes to be distracted because of a ringing cell phone or someone taking a call when in a group. If you receive a call, depart the room and return the call or wait until break.

Annual Membership Meeting

Please note that the annual meeting of KRWA membership and business meeting will be held in Meeting Room 209A beginning at 8:00 a.m., Thursday, March 30. Delegate forms were mailed to all voting members on January 2, 2017. Check with your city or RWD’s office to ensure that your voting delegate is registered.
ATTORNEYS’ FORUM

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

Knowledge, Experience and You!
This 17th Annual Attorneys’ Forum is intended to provide an opportunity for KRWA-member water and wastewater system attorneys to discuss topics of interest and concern. Those who attend will receive 6.5 hours of Continuing Legal Education (CLE) credit. There is no charge for attendance; attendance is limited to the first 40 registrants.

7:30 a.m. Registration opens - complimentary coffee, juice and rolls available at connecting Lobby, Century II Convention Center.

9:00 - 9:50 Public Water Supply Regulation After Flint – Cathy Tucker-Vogel, Section Chief, Public Water Supply Section, Kansas Department of Health and Environment, Topeka, KS

9:50 - 10:40 The Course of an Ethics Complaint: What Every Lawyer Needs to Know – Deborah Hughes, Deputy Disciplinary Administrator, Office of the Disciplinary Administrator, Topeka, KS

10:40 – 10:55 Break

10:55 – 11:45 Administrative Hearings Under the Kansas Administrative Procedure Act (KAPA) – Honorable Michele L. Tunnell, Administrative Law Judge, Kansas Office of Administrative Hearings, Topeka, KS

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

1:00 – 2:00 Roundtable Discussion (Part I): Territory Litigation Update (Eudora v. Douglas RWD 4); RWDs, PWWSDs and KDOT Forced Relocation; RWD Elections and Voting; KORA Exceptions; Collecting a Debt from a Governmental Entity; Source Water Protection

2:00 – 2:50 Valuing a Water System: The Sum of Its Parts – Louis Funk, Bartlett & West, Topeka, KS

2:50 – 3:05 Break

3:05 – 4:15 Roundtable Discussion (Part II): FLSA Update; On-Call Pay; The ACA and Local Government; Reserving RWD Benefit Units; Transfer of RWD Benefit Units; ROW Acquisition/RWD Easements; Conceal/Carry by Public Employees; Property Tax Exemptions


PRECONFERENCE SESSIONS
TUESDAY MARCH 28

10:00 a.m., Room 210 A

2017 ENGINEERS’ FORUM FOR WATER AND WASTEWATER AND COMMUNITY FACILITIES

This forum is open to anyone interested in USDA Rural Development (USDA RD) assistance with water, wastewater, storm water or other essential community facility improvement needs. This session is focused on the engineering and environmental elements of an application for funding. We will hear from USDA RD’s Director of Engineering and Environmental Staff in Washington, D.C. as well as local Kansas RD staff. Topics include updates on the electronic PER project and implementation of the new 7 CFR 1970 Environmental Regulations. We will also review RD Apply, the new web-based system for submitting a funding application to USDA RD, and also learn about program updates. This session will benefit applicants, engineers, environmental consultants and other professionals who are applying or considering applying to USDA RD for funding.

7:30 a.m. Registration opens: complimentary coffee, juice and rolls in Connecting Lobby, Century II Convention Center

9:30 - 9:45 Welcome and Logistics: Richard Boyles, Program Support Director, Rural Development, United States Department of Agriculture


11:15 – 11:45 RD Apply Update

11:45 – 1:00 Lunch break

1:00 – 2:15 Environmental Regulations: Randy Stone, Civil Engineer and Deb Corr, Architect, Rural Development, United States Department of Agriculture

2:15 – 2:45 WEP Engineering: Randy Stone, Civil Engineer, Rural Development, United States Department of Agriculture

2:45 - 3:15 Program Topic Updates: – Sháne Hastings, Community Programs Director, Rural Development, United States Department of Agriculture

3:15 Wrap-up and Questions

4:00 Adjourn: Exhibit Arena (EXPO Hall) opens. KRWA's Opening Nite “Meet & Greet!” at 6:30 p.m. in Convention and Exhibition Halls

No operator credit is awarded for attendance.
Preconference Sessions
Tuesday March 28

10:00 a.m., Hyatt Ballroom D
Water System Components, Operations and Technology Updates

Customers of public water systems – citizens of the State of Kansas – depend on water distribution systems to provide an uninterrupted supply of pressurized safe drinking water. All customers expect that. There are many major components involved in order for water utilities to meet service needs and demands. This training session will be of benefit to both new and experienced operators and others interested in learning about the components required to operate quality water systems. Each component of a water system has a role and a specific purpose and each component needs to be maintained. This session will show new ways of repairing, operating and maintaining systems to ensure that the best service possible is provided to customers. Presenters will discuss a multitude of topics including valves and valve insertion, maintenance and new technologies with metering.

Topics, morning session:
◆ Under Pressure Installations and Maintenance Methods
◆ Line Stopping Techniques
◆ Hot Tapping Procedures
◆ Valve Insertions
◆ Cutting Pipe – What Tools Are Available?
◆ New Products and Components

Topics, afternoon session:
◆ Fire Hydrants and Valves – Critical Parts of Water Systems
◆ Our Precious Resources – Modern Metering Technology
◆ Is Your Water Safe? Modern Chemical Injection

Presenters:
JASON SHELBY, Mueller Company, Kansas City, MO
BRADLEY BRUSH, Neptune Meters, Kansas City, MO
ALLAN STROBL, Municipal Supply, Inc., Lincoln, NE
BOB HENNIG, Municipal Pipe Services, Hastings, NE
OWEN VORE, Tyler Union, Omaha, NE
Moderator: Stuart Porter, Schwab - Eaton, PA

Moderator: David Grimm, City of Hiawatha

Water operators who attend will receive five hours of credit towards operator certificate renewal.

10:00 a.m., Hyatt Ballroom E
Wastewater Collection Systems

Maintaining wastewater collection infrastructure – pump stations, force mains, and collection lines – is an integral component of the proper management of a treatment system and critical to preventing illegal wastewater discharges. Effective preventive maintenance programs have been shown to significantly reduce the frequency and volume of untreated sewage discharges, help communities plan for the future and save money on emergency response. Communities are working to find cost-effective, long-term approaches to managing their aging wastewater infrastructure and preventing the problems that lead to sanitary sewer overflows. This pre-conference session will include discussion on:

◆ Preventative Maintenance Programs / Knowing Your System: Basic information about sewer systems operation and maintenance needs and why things go wrong.
◆ Lift Station Basics: Information about lift stations, common problems and troubleshooting.
◆ CCTV Data Collection: Review of CCTV software that enables systems to more effectively collect, analyze, manage and integrate their sewer inspection data.
◆ Repairs and Rehabilitation: Systematic operation and maintenance programs help protect the capital investment and keep a system in good working order to provide consistent customer service and prevent overflows and backups. Learn about pipe relining/replacement and lateral connection repairs.
◆ Finance and Sustaining the Infrastructure: Challenges of financing environmental services and facilities make it increasingly important to educate the general public, local leaders, and the media about the value of the water and wastewater systems and the need to make a financial investment in their long term stability.

Presenters:
MELINDA LAMBERT, Mayer Specialty Services, LLC, Goddard, KS
ED HICKMAN, Hickman Environmental Service, Leon, KS
ROSE MARY SAUNDERS, Ranson Financial Consultants, LLC, Wichita, KS

Moderator: David Grimm, City of Hiawatha

Wastewater operators who attend will receive five hours of credit towards operator certificate renewal.
MICROBIOLOGICAL MONITORING OF ACTIVATED SLUDGE PROCESSES

The objective of this presentation is to teach the operators, lab personnel and consultants how to optimize the wastewater treatment plant processes using the microscope and knowledge of wastewater microbiology.

In this class the wastewater professional will learn how to identify the microorganisms that are favorable to the activated sludge treatment process and gain an understanding of how to maintain the proper environment for their growth. The class will include understanding and methods for controlling, identifying and monitoring microorganisms in biological phosphorus and nitrogen removal systems. Participants will also learn to diagnose treatment system problems based on the microbiology of the system and will gain an understanding of identifying and controlling filamentous bacteria.

The instructor will present simple and practical step-by-step laboratory procedures for tracking, identifying and diagnosing conditions in activated sludge 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.

My motto is “If you treat the bugs right, they will treat your wastewater right.”

Presenter:
TONI GLYPH-MARTIN, Metropolitan Water Reclamation District of Greater Chicago, Chicago, IL

Moderator: Charlie Schwindamann
Kansas Rural Water Association

Wastewater operators who attend will receive five hours of credit towards operator certificate renewal.

CITY CLERKS' FORUM

"Knowledge, Experience, and You" combine to make the KEY to good service!

As a City Clerk, your knowledge and experience can benefit your constituents and team if you deliberately apply professional strategies to your office environment. In this session, Jen Sharp will present ideas and lead discussions about processes you can use easily – and immediately – to accomplish this goal. Here are the topics:

Knowledge –
Technological skills, workflows, software tools, gathering feedback

Experience –
Creativity in problem solving for various problems in many different situations

You –
Personal professionalism, gaining compromise, leadership strategies

As always, plan to take notes, add your own ideas, and have fun with some experiential activities! Jen Sharp has presented in prior sessions for City Clerks; she knows the interests and needs of the attendees. This presentation is fast-paced with information, tips and tricks that attendees will find beneficial.

Presenter:
JEN SHARP, Jensharp.com
Ottawa, KS

This training closes with an exchange of topics, ideas and questions led by the facilitators.
Facilitators: Kimberly Everley, City of McLouth
Doris Fritz, City of Riley

The IIMC Education Department has reviewed and approved this City Clerks' Forum for one CMC Experience point or one MMC Professional and Social Contributions point.
10:00 a.m., Room 210 B

**GROUND WATER AND WELLS; UNDERSTANDING THE RELATIONSHIP OF AQUIFERS, WELL DESIGN, MAINTENANCE AND WATER QUALITY**

This session will provide the information water system operators and administrators should be aware of concerning properly managed groundwater sources and water wells.

A regional review of the many different aquifers successfully developed in Kansas by public water systems will be presented, along with an explanation of their unique characteristics. Many of these groundwater-saturated geologic formations have important characteristics that must be understood and respected to ensure a long term, high quality water supply. After reviewing the basics of aquifers and groundwater occurrence and movement, water well hydraulics will be discussed. The interaction of wells on aquifers include: water well yield, specific capacity, area of influence, static and pumping water levels, and drawdown and the effects on wells and aquifers. Proper types and frequency of water level and pumping recordkeeping will be covered. The impact of drought on water levels will be discussed.

Significantly important topics such as well site selection, test well drilling, aquifer investigations and potential regional impacts will be presented. Additionally, important KDHE well design and well site standards will be discussed with regards to the selection of the type and material of the well casing and screen, the installation and vertical placement of the casing and screen, gravel pack selection, grouting of the annular space and well development. DWR water well spacing regulations will also be presented. Source water protection strategies for new and existing well fields, which includes the KDHE required sanitary protection easement or ownership requirement, and other optional protection strategies, will be discussed along with well field management.

**Presenters:**
- Ned Marks, P.G., Terrane Resources Co., Stafford, KS
- Brad Vincent, P.G., Ground Water Associates Inc., Goddard, KS

**Moderator:** Matt Higgins, City of Elkhart

Water operators who attend will receive five hours of credit towards operator certificate renewal.

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10:00 a.m., Room 210 C

**WATER OPERATOR FORUM – PREPARING FOR CERTIFICATION EXAMS**

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

The session will review a number of 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 Operation Plan, Cross-Connection Control Program, Bacteriological Sampling Plan
- Safety issues and procedures (safety hazards, chemical handling, gas chlorine, etc.)
- Basic math calculations including surface area, volume, chemical dosages, water pressure, etc.

This session will cover information useful to all levels of certification from Small Systems to Class IV. There will be ample time available to answer your questions, so don’t be shy!

**Presenters:**
- Pat McCool, Kansas Rural Water, Wichita, KS
- Delbert Zerr, Kansas Rural Water, Manhattan, KS

Water operators who attend will receive five hours of credit towards operator certificate renewal.
9:30 a.m., Room 202

**RWD Office Forum**

Yes, it does require knowledge and experience to provide good service. RWD managers and bookkeepers are critical. This RWD Office Forum provides opportunities for RWD staff to have time to focus on areas of interest and to also hear presentations to help RWDS better serve their customers. The morning session is an open exchange of ideas and topics with one special topic:

**Summary of the Lead and Copper Rule and New Implementation Requirements by the Kansas Department of Health and Environment.**

**Presenter:** Monica Wurts, Kansas Rural Water Association

The following are afternoon topics:

**Budgeting:** Why prepare a budget? Is it because you are required to? Does your Board request one? Either way, budgeting is an important part of managing your district’s finances. This presentation will review the best practices in budgeting while actually preparing a budget template which can be used by any RWD.

**Board Reporting:** Along the same lines of preparing a budget, what information do you provide your Board to help them better understand the financial condition of the district? Is your district generating enough water sales to meet industry ratios? What are the ratios you should be reporting? Learn the best practices in management reporting. Get examples of management reporting packages that you can use in your district.

**Overtime and Taxes:** Does your district have a personnel manual that is up to date to account for possible changes in overtime? Is your district in compliance with paying overtime? Does your district provide fringe benefits; are they taxable or not taxable benefits? Learned what is considered compensation and what is not. When was the last time you did a sales tax review of your members’ accounts to determine if they should be charged sales tax?

**Presenter:** Michael D. Peroo, CPA

Michael Peroo Accounting, Overland Park, KS

2:30 to 4 p.m. Questions and Answers, Discussion Period

**Facilitators:** Sharon Dwyer, Douglas RWD 5, Lawrence, KS

**Patricia Shaffer,** Butler RWD 5, Benton, KS

No operator credit is awarded for this session.

10:00 a.m., Room 203

**Board/Council Leadership — A Key for Good Service**

We all face major leadership challenges as we serve our rural citizens by providing clean, affordable water. Those challenges can be complex and often require difficult choices. Financial difficulties, personnel issues, construction or renovation complications, or dispute resolutions can all become challenges that may necessitate a different approach to leadership and decision-making.

The Kansas Leadership Center is presenting this leadership training to help board/council members navigate those seemingly insurmountable challenges and provide tools to broker solutions at times when balancing priorities and limited resources seems most difficult.

◆ How do you navigate decision-making when your personal interests conflict with interests of the organization?

◆ How do you manage situations when the discussion becomes polarized? In a board meeting or in a public hearing?

◆ How do you better handle conflicts between customers and board/council members or between board/council members and staff?

◆ How do you best energize public support for system enhancements and renovations?

◆ How do you navigate the sometimes blurred lines between transparency and need for confidentiality?

◆ How do you help establish a culture of accountability in your board and staff?

**Presenters:**

**Patricia Clark,** Kansas Leadership Center

**Ron Alexander,** Kansas Leadership Center

Wichita, KS

Moderator: Sam Atherton

Vice-President, Kansas Rural Water Association

No operator credit is available for attending this session.
7:30 a.m. Registration Opens, connecting lobby, Century II; complimentary coffee, juice, rolls and more at the entrance to Concert Hall. Exhibits open at 10 a.m.

OPENING SESSION
8:30 a.m., Concert Hall, Century II
- Welcome: Paul Froelich, President, KRWA
- Invocation: Sam Atherton, Vice-President, KRWA
- Musical Revue: The Headliners, Butler Community College

SPouse PROGRAM

EAT REAL
America
Get Fresh, Get Local, Get Real

Are you trying to eat healthier? Stuck in a rut? Challenged to figure out what to make for dinner? You have come to the right place! It’s the Spouse Program at the 2017 KRWA conference.

Hyatt Chef Paul Freimuth will be joined by Krista Sanderson of Real Food America to present an afternoon program to help you plan for real meal ideas that you will know are easy to prepare, great-tasting, affordable and good for you! This spouse program will be held in the Riverview Room at the Hyatt following the noon luncheon on Wednesday, March 29.

The program includes various stations where real food will be prepared. From entrées to fancy desserts, you will learn tips and tricks – and have tasting!

Chef Freimuth and Krista have a unique combination of real food knowledge and nutrition experience. They both share a passion for REAL food and want to help make healthy food a part of your everyday lifestyle. You will find the recipes easy to prepare and taste amazing.

This program is at no charge for those who sign up to attend the Spouse Program.

KEYNOTE SPEAKER

DAVID BROWNING

THE FUTURE: WHICH “KEY” UNLOCKS YOUR POTENTIAL?

For 45 years, David Browning has been a popular improvisational actor, speaker and host, using such characters as The Mayberry Deputy, Abe Lincoln and Scrooge to provide non-offensive, thoughtful, memorable performances. With more than 5,000 presentations in 41 states and Canada to more than five million people, Browning has been privileged to work with many stage, screen, music and sports celebrities. He was honored to open for Don Knotts, actor and original "Barney Fife" who said of Browning, “The Mayberry Deputy/David Browning is A BRIDGE between The Andy Griffith Show and today.”

“In the world we live in today, people are searching for their own Mayberry,” Browning says. “I value this character for what it gives to people today – laughter and memories.”

“I am so pleased to have the opportunity to be with my friends at KRWA again this year. My involvement with Rural Water goes back almost twenty years and I look forward to more to come!”

You don’t want to miss this!

Water and wastewater operators will receive 1.5 hours of credit towards operator certificate renewal for attendance; must be there at 8:30 a.m. Check registration packet for ticket to verify attendance.

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.
**CONCURRENT SESSIONS**

**Wednesday, March 29, 10:45 a.m.**

**Hyatt Ballroom D**

**Moderator:** David Buehler  
City of Topeka

**Op. Credit:** W

### LEAD AND COPPER RULE REQUIREMENTS AND COMPLIANCE

In July 2016, the Kansas Department of Health and Environment reevaluated lead and copper monitoring to ensure that the Lead and Copper Rule is being properly implemented to protect public health. Systems were notified of compliance deadlines. Attend this session to learn about sample site plan requirements, monitoring schedules, materials evaluations due June 1, consumer notification requirements, and requirements for systems that exceed either action level at the 90th percentile.

**Andrew Hare**  
Kansas Dept. of Health & Env.  
Topeka, Kansas

**Hyatt Ballroom E**

**Moderator:** Danny Parr  
City of Innman

**Op. Credit:** WW

### WASTE STABILIZATION PONDS: THEORY OF OPERATION, Part I

This session is a must for all operators wanting to know more about how to properly operate and maintain waste stabilization ponds. The presentation will review how the lagoon biological process works, the effects of seasonal and weather changes, series vs. parallel operation, and basic observations that help determine if a lagoon is operating properly. KDHE’s design standards for both a hydraulic and organic loading standpoint will also be addressed. This is Part I of a two-part session.

**Jeff Lamfers**  
Kansas Rural Water Association  
Mission, Kansas

**209 A**

**Moderator:** Taggart Wall  
City of Sterling

**Op. Credit:** None

### OCCURRENCES OF EARTHQUAKES IN SOUTHEASTERN KANSAS

Earthquakes continue to be a concern in the central U.S., with several magnitude 5.0 or greater seismic events centered in Oklahoma and numerous smaller events in Kansas within the past year. A study by the Kansas Geological Survey has concluded that wastewater from petroleum production, which is then disposed through deep injection wells, has been a significant contributor to induced seismicity. Learn about the mechanisms triggering these earthquakes, the controls on wastewater disposal and the potential for impacts on source water and water systems in Kansas.

**Rex Buchanan**  
Kansas Geological Survey  
Lawrence, Kansas

**209 B**

**Moderator:** Carol Steinlage  
Nemaha RWD 4

**Op. Credit:** None; Clerk IIMC

### KANSAS DEPARTMENT OF COMMERCE FUNDING PROGRAMS

Since 1984, the Kansas Department of Commerce has managed the Community Development Block Grant (CDBG) program on behalf of the US Department of Housing & Urban Development. Eligible communities may apply for funds to improve water, sewer, streets, and buy new fire trucks, ambulances, etc. Eligible applicants must compete for the funds. Attend this session to learn about the types of facilities that are eligible and what the application requirements are. Also learn about the KAN STEP program.

**Salih Doughramaji**  
Kansas Department of Commerce  
Topeka, Kansas

**210 A**

**Moderator:** Tamara Hagerman  
City of Baldwin City

**Op. Credit:** None; Clerk IIMC

### SECURING YOUR RESOURCES – PROPERTY, STAFF AND DATA

Learn how to protect your district or municipality utilizing Video Surveillance to remotely “watch” office or buildings for external safety concerns, damage, theft, internal staff protection (cash handling or customer interactions), and monitoring water treatment facilities for threat of contamination. Discover how Off-site Data Backup Solutions provide peace-of-mind and double-layer data security when computer failure or natural disaster strikes (fire, tornado, lightning/power surge).

**Steve Prasko**  
Advantage Computer; Jayhawk Software  
Iola, Kansas

**210 B**

**Moderator:** Mike Hutto  
City of Eudora

**Op. Credit:** WW

### CHEMICAL CONTROL OF ROOT GROWTH IN SANITARY SEWERS

This session will be a discussion about the role of Chemical Root Control (CRC) as part of a sewer maintenance program. The presentation will review problems caused by root intrusion including sewage overflows, pipe destruction, reduced pipe capacity and liability costs. CRC will be compared to root control methods used in the past and why chemical control is more effective and provides long-term success. The session will conclude with tips to starting a CRC program.

**Brian Conroy**  
Duke’s Root Control  
Edmond, Oklahoma

**210 C**

**Moderator:** John Goetz (ret.)  
KS Dept. of Health (ret.)

**Op. Credit:** W

### DESIGN AND INSTALLATION OF HDPE PIPE

The purpose of this presentation is to educate engineers and utilities on the basic design and installation of HDPE water piping systems. The presentation will review AWWA Standards; it will focus on PE4710 material, features and benefits, pipe sizes, pressure classes, working and surge pressures, fatigue life, flow velocities, safety factors, permeation, case studies, fusion and electrofusion. Finally, the session will demonstrate the use of t-eTrenchless software PPI PACE, PPI BoreAid and HDPEapp.

**Camille George Rubeiz**  
Plastic Pipe Institute  
Irving, Texas

**203**

**Moderator:** Judy Anderson  
Mitchell RWD 2

**Op. Credit:** None; Clerk IIMC

### VERBAL COMMUNICATIONS AND LISTENING SKILLS

Verbal, non-verbal and listening are the primary modes of communication that we use on a daily basis. This presentation will look at types of verbal and non-verbal communications, why we need to recognize them, and the impact they have in getting your message across to others. We will also evaluate issues with listening as well as tips on improving your listening skills. Learn about the principles of listening; Recognize both verbal and non-verbal messages.

**Liz Grove**  
Missouri Rural Water Association  
Ashland, Missouri
Hyatt Ballroom D

**How Phosphates are Used in Water Treatment**

Phosphates have been used to treat drinking water for many years to enhance water quality. They are used to control leaching of lead and copper in pipes and fixtures, which is important as agencies are renewing efforts in achieving compliance with the lead and copper rule. They are also used to inhibit corrosion of iron piping and decrease iron tuberculation in distribution systems. Finally, phosphates can control iron and manganese, minimizing staining of customer fixtures. Hear from an expert.

**Hyatt Ballroom E**

**Waste Stabilization Ponds: O & M Problems, Part II**

This session compliments Part I, the “Theory of Operation” session by reviewing O&M problems and their causes in more detail. Problems such as high effluent BOD, TSS, and ammonia and other permit compliance issues will be reviewed. Dealing with excessive duckweed growth, burrowing rodents and seasonal turnovers will also be included in this session. A brief discussion on accepting and treating industrial wastewater will also be included.

**209 A**

**Water Rights 101 and Current Water Issues**

The Kansas Dept. of Ag’s Division of Water Resources administers approximately 31,000 water rights across the state, dealing with permitting, certification and water use reporting. This presentation will provide an overview of current activities at DWR and will also review some of the options that have recently been made available such as Local Enhanced Management Areas and Water Conservation Areas, and potential regulatory changes and progress toward the 50-year vision.

**209 B**

**The Kansas Public Water Supply Loan Fund**

The Kansas Department of Health and Environment provides loans for both drinking water and wastewater infrastructure projects. This session will explain loan requirements under the Kansas Public Water Supply Loan Fund. The presentation will also provide information to municipalities and rural water districts to help make informed choices between options for funding infrastructure. The Public Water Supply Loan Fund has loaned nearly $657 million from 11/1997 to 11/2016; 218 loans have been made to small systems.

**210 A**

**Ethics in the Workplace: Do the Right Thing**

The lack of business ethics can have disastrous results, in terms of both legal liability and maintaining customer trust in your product and operations. An operation with a culture of strong business ethics demonstrates its integrity every day to its customers, employees, and the public. This session will discuss every day ethical dilemmas that can arise, including conflicts of interest, the effect of short cuts on quality, lack of respect, and employee conflicts. Learn how to create and sustain good ethics in the workplace.

**210 B**

**Drought Tournaments – Learning from Experience**

A Kansas Drought Tournament was held last December in response to Governor’s Vision for the Future of Water Supply in Kansas. This competitive table-top exercise is designed to engage public water suppliers, to be better prepared for extreme conditions, test decision-making in a tournament setting, educate the public and identify gaps in conservation efforts and drought planning. Margaret will review the tournament basics and some of the lessons learned during this exercise.

**210 C**

**Air Release Valves for Pressure Systems**

Properly maintained components contribute to smooth operations for both water and wastewater systems. Air release valves are a small but extremely important part of water and wastewater pressure systems. Millions of dollars are wasted each year in excessive energy consumption, broken pipelines and sanitary sewer overflows because of poorly maintained air valves, incorrectly-sized valves, or not enough valves. This presentation will provide information on the purpose of air release valves and their function.

**203**

**The Collection Bureau of Kansas**

This session provides a review of the collection industry. It provides best practices information while examining different internal processes that government entities utilize to lower debt exposure, different methods of submitting data for collections, and collection methods available today in the State of Kansas. Rules and regulations that impact the industry will be reviewed. The future of collections will also be discussed. An open forum allows for questions and answers.

**Concurrent Sessions**

**Wednesday, March 29, 1:30 P.M.**

**Moderator:** Galen Penner
Marion RWD 4

**Op. Credit:** W

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**Jeff Lamfers**
Kansas Rural Water Association
Mission, Kansas

**Lane Letourneau, P.G.**
Dept. of Ag., Div. of Water Resources
Manhattan, Kansas

**Moderator:** Doug Helmke
Kansas Rural Water Assoc.

**Op. Credit:** W

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**William Carr**
Kansas Dept. of Health & Env.
Topeka, Kansas

**Moderator:** Calvin Burke
City of Liberal

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**Moderator:** Mike Schultz
City of Brewster

**Op. Credit:** W & WW; Clerk IIMC

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**Kelly Rundell**
Attorney At Law
Wichita, Kansas

**Moderator:** Katie Tietzsort
Division of Water Resources

**Op. Credit:** W & Clerk IIMC

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**Margaret Fast**
Kansas Water Office
Topeka, Kansas

**Moderator:** Dan Britt
City of Solomon

**Op. Credit:** W & WW

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**Mark McIntire**
McIntire Management Group
North Kansas City, Missouri

**Moderator:** John Sweet
City of Lyons

**Op. Credit:** None; Clerk IIMC

**The Collection Bureau of Kansas**

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**Chad A. Hollins**
Collection Bureau of Kansas
Topeka, Kansas
<table>
<thead>
<tr>
<th>Concurrent Sessions</th>
<th>Wednesday, March 29, 2:45 p.m.</th>
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</table>
| **Hyatt Ballroom D** | **Moderator:** Lon Schrader  
City of Abilene  
**Op. Credit:** W  
**WATER WELL MAINTENANCE AND REHABILITATION**  
Water wells require regular maintenance to ensure adequate water flow and continued drinking water quality. Water wells should also be inspected annually for obvious signs of damage or contamination. This session covers topics such as reduced yield due to incrustation or bio-fouling, well rehabilitation, failures caused by physical plugging due to sand or corrosion, and failure caused by pump damage. Learn about well yield, flow or performance trends to be proactive in troubleshooting potential problems.  
**Eric Duderstadt; Roger Miller**  
Water Systems Engineering  
Ottawa, Kansas |
| **Hyatt Ballroom E** | **Moderator:** Mike Mabrey  
City of Edgerton  
**Op. Credit:** WW  
**WASTEWATER REGULATORY UPDATE**  
Various rules have been proposed or finalized recently concerning the management and treatment of wastewater and stormwater. This session provides an update on those rules and how they might be implemented in Kansas. New ammonia criteria and variances, updated urban stormwater regulations, new pollutant criteria such as selenium updates on reporting and administering NPDES permits are some examples of potential changes facing large and small wastewater operators in Kansas.  
**Tom Stiles**  
Kansas Dept. of Health & Env.  
Topeka, Kansas |
| **209 A** | **Moderator:** Clifford Reusch  
Douglas RWD 4  
**Op. Credit:** None; Clerk IIMC  
**WATER INFRASTRUCTURE FUNDING OPPORTUNITIES THROUGH USDA**  
In the past seven years, USDA Rural Development has provided more than $323 million in water and wastewater projects in Kansas. Learn about upcoming funding opportunities and the agency’s funding priorities including regionalization, health and safety, pre-development planning grants, and emergency grant funding. Learn how USDA Rural Development has also improved processing by implementing the RD Apply application process and the Electronic Preliminary Engineering Report (PER) process.  
**Shane Hastings**  
USDA Rural Development  
Topeka, Kansas |
| **209 B** | **Moderator:** Randy Frazier  
City of Moundridge  
**Op. Credit:** None  
**BOARD/COUNCIL MEMBERS – WHAT’S YOUR JOB?**  
This session addresses a variety of pressing issues that local governing boards face. Based on the recently revised Water Board Bible, this presentation reviews topics such as preparing job descriptions, performance evaluations, board/council member notebooks, social media in the workplace, and use of utility-owned vehicles. Board/council members really only have one job and that is to protect and serve the public. Attend this session; gain information and take a copy of the Bible home.  
**Gary Hanson**  
Stumbo Hanson, LLP  
Topeka, Kansas |
| **210 A** | **Moderator:** Michael Mix  
City of Fort Scott  
**Op. Credit:** WW  
**USING ORP FOR NUTRIENT REMOVAL – A SUCCESS STORY**  
Oxidation-Reduction Potential (ORP) is a monitoring process that can be used to help control operations in wastewater treatment plants. Monitoring the ORP of wastewater will allow the plant operator to monitor biological reactions and make adjustments as needed. With the addition of nutrient removal in wastewater permits, it is increasingly important that plant operators consider any and all options or opportunities available to control treatment processes.  
**Tim Halfhide**  
City of Concordia  
Concordia, Kansas |
| **210 B** | **Moderator:** Michael Weidenhaft  
Mitchell RWD 3  
**Op. Credit:** W & WW Clerk IIMC  
**EMERGENCY RESPONSE AND VULNERABILITY ASSESSMENTS**  
The 2002 Bio-Terrorism Act required utilities to have an entirely different perspective to be more prepared. This mandate was updated in 2009 to provide a proactive approach to guide government agencies to work seamlessly to prevent, protect against, respond to, recover from, and to mitigate the effects of incidents to reduce the loss of life, property and harm to the environment. Participants will learn how to develop an Emergency Response Plan and VA using the FREE SEMS Security component.  
**Mitch Copman; Kurtis Warne**  
SEMS Technologies  
Suwanee, Georgia |
| **210 C** | **Moderator:** James Dull  
City of South Hutchinson  
**Op. Credit:** W  
**COOPERATIVE WELL MEASUREMENT PROGRAM; AQUFER TRENDS**  
Each winter, the Kansas Geological Survey, along with employees of the Kansas Dept. of Ag’s Division of Water Resources collectively measure approximately 1,400 wells across western and central Kansas to monitor changes in groundwater levels. This information is used by policy makers, state agencies, public water suppliers, businesses and the general public to make informed decisions about aquifer trends and conditions. Learn about the methodologies used and the agencies’ most recent information.  
**Brownie Wilson**  
Kansas Geological Survey  
Lawrence, Kansas |
| **203** | **Moderator:** Denise Eggers  
Jefferson RWD 12  
**Op. Credit:** None; Clerk IIMC  
**PRACTICAL USES FOR SPREADSHEETS**  
Have you ever sat dejected looking at a blank Excel workbook? This session will help you overcome the fear! Jen Sharp will present five MS Excel Templates she developed specifically for situations rural water or smaller city offices might encounter. If you have a need to track water loss or usage, financial transactions, operating or capital improvement budgets, or equipment and inventory, this is the session to attend. See the demonstrations; download the templates from KRWA later.  
**Jen Sharp**  
jensharp.com  
Ottawa, Kansas |
EXHIBITS PROVIDE OPPORTUNITIES

SHOP AND COMPARE!

EXPO HALL SCHEDULE:

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

Note: Opening Session begins at 8:30 a.m., Wednesday, March 29 in Concert Hall. Exhibits open at 10 a.m. on Wednesday.

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

Check out the great prizes in the WaterPac Raffle at KRWA’s booths.

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.

EXHIBIT HALL FLOOR PLAN
Proper Sample Collection; Drinking Water Watch

Attend this session to learn about proper sample collection for total coliform and E.coli, lead and copper, disinfection byproducts, and more. Also learn how to complete the KDHE laboratory forms. There will also be a demonstration on how to access and obtain useful information from KDHE’s Drinking Water Watch, an online database that contains both general information and water quality monitoring data for every public water system in Kansas; this Website is open to the public with no user name or password required!

Jason Solomon
Kansas Dept. of Health & Env. Chanute, Kansas

Moderator: Allan Soetaert
Johnson RWD 7
Op. Credit: W

Protecting Your System From Backflow and Back-siphonage

Every public water supply system in Kansas is required by Kansas regulations to have a cross connection control program. But having such a program is only the first step. The program must be implemented and all service connections need to be protected from backflow or back-siphonage. It is the responsibility of each public water supply to protect the water quality for customers. This session provides information on implementing a cross connection control program to help ensure water quality for every customer.

Terry Randles
Randles Consulting
Topeka, Kansas

Moderator: Allan Soetaert
Johnson RWD 7
Op. Credit: W

ProTectinG your sysTem from exceeDances oR MissinG teSts

There will also be a demonstration on how to use the site’s online database to report your exceedances or missing tests. This session will provide useful information for anyone running the Discharge Monitoring Report (eDMR) system.

Deborah Midfelt
Kansas Dept. of Health & Env.
Topeka, Kansas

Moderator: Kent Hessling
City of Clay Center
Op. Credit: WW

Submitting Wastewater Discharge Reports Electronically

EPA is requiring all wastewater permittees to report their Discharge Monitoring Reports electronically. KDHE has created a new online Electronic Discharge Monitoring Report (eDMR) application to replace the paper reports that systems have previously used. The application offers a permittee access and printing of a copy of a permit as well as access to reports for previously submitted online DMRs. Other useful tools are automatic calculations and immediate notifications of any exceedances or missing tests.

Scott Thompson
Kansas Department of Labor
Topeka, Kansas

Moderator: Carl Chalfant
City of Washington
Op. Credit: WW

CIPP for Gravity and Pressure Pipe Applications

This session will cover “Cured-In-Place-Pipe” (CIPP) basics, which is a trenchless technology used to rehabilitate sanitary and storm sewers, in addition to water lines, for both gravity and pressure situations. The benefits of CIPP will be discussed including uses, options and installation methods for both water and wastewater applications. Using special epoxy resins, pipe repair experts are able to create a “pipe within the existing pipe” which offers the same strength of new pipes.

Brian T. McCrary, P.E.
Instiuforn Technologies, USA
Kansas City, Missouri

Moderator: Larry Wray
Douglas RWD 5; PWWSD 25
Op. Credit: W

Storage Tank Maintenance and Cleaning

The most visual component in most water utilities is the water storage tank. This presentation will review the different challenges of maintaining a water storage tank and its water quality as well as the necessary features of an effective water storage tank maintenance program. With a good maintenance program in place, a storage tank owner can save money and extend the useful life of the tank indefinitely. A water storage tank is a substantial investment; it’s important to service it properly.

Jake Dugger
Utility Service Company, Inc.
Omaha, Nebraska

Moderator: Lana Kettler
Miami RWD 2
Op. Credit: None; Clerk IIMC

Make Your Written Communications Stand Out

Poorly written communications can reflect negatively on you and your city or rural water district. This presentation will review the “rules” for the most used forms of written communications such as emails, memos, and letters. Common mistakes that can undermine your efforts and make you look unprofessional as well as tips to make your correspondence “stand out” will be covered with this presentation. Correct grammar, punctuation and spelling are key.

Liz Grove
Missouri Rural Water Association
Ashland, Missouri

Moderator: Dean Hermesch
City of Olpe
Op. Credit: W
AWARDS & ENTERTAINMENT

Wednesday evening, March 29
5:00 Social in EXPO Hall
6:30 Banquet Hall opens
Awards Presentations, Entertainment

“LIFE COULD BE A DREAM”

SH-BOOM! Meet Denny and the Dreamers, a fledgling doo-wop singing group preparing to enter the Big Whopper Radio contest to realize their dreams of making it to the big time! Trouble comes in the form of Lois, who arrives to put some polish on the boys. Denny falls in love, Wally falls in line, Eugene falls apart and along comes handsome heart-throb Skip to send the whole situation spinning. The 60’s hits say it all: “Fools Fall in Love”, “Tears on My Pillow”, “Runaround Sue”, “Earth Angel”, “Stay”, “Unchained Melody”, “Lonely Teardrops” and “The Glory of Love”. Winner of the Los Angeles Drama Critics Circle Best Musical Award, it will leave you laughing, singing and cheering. Make sure you have a ticket to the Awards Banquet and Show at the 2017 KRWA conference, March 29. It’s another great production by The Forum Theatre under the direction of Kathy Hauptman.

QUILTS – GREAT GRAND PRIZES

KRWA’s conference is known for the practice of providing beautiful quilts as prizes at the KRWA’s conference dates back to 1984. In 2017, KRWA is pleased to provide four large queen-sized quilts and one beautiful sofa quilt. The 2017 designs include a sofa quilt in log cabin pattern named Midnight Blues. It was made by Janette Froelich. Broken Star was made by Janette’s mother, Louise Henderson. Circles & Squares and Triangles Galore were pieced by Connie Hueter of Seneca, KS. Kansas Sunflowers was pieced by Kathleen Ronnebaum. All are machine quilted. Kansas Sunflowers will be one of the prizes in the WaterPac Raffle. One quilt will be drawn for at the Wednesday evening banquet and two quilts will be prize drawings at the Thursday luncheon. The sofa quilt will be a prize on Tuesday evening’s “Meet & Greet”.

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 12/19/2016).

Alliance Pump & Mechanical Service – Independence, Missouri
ASC Pumping Equipment – Olathe, Kansas
Bartlett & West – Topeka, Kansas
Brotcke Well & Pump - West – Kansas City, Kansas
CAS Constructors, LLC – Topeka, Kansas
Central National Bank – Manhattan, Kansas
CoBank – Greenwood Village, Colorado
Collection Bureau of Kansas – Topeka, Kansas
Cummins Sales & Service – Kansas City, Missouri
D C & B Supply Company – Pratt, Kansas
Douglas Pump Service – Overland Park, Kansas
Elliott Insurance Group – Topeka, Kansas
Engineering America – Lenexa, Kansas
FTC Equipment – Kansas City, Missouri
Hodes & Sutter, Inc. – Lenexa, Kansas
Industrial Service & Supply, Inc. – Tempe, Arizona
Kalos, Inc. – Topeka, Kansas
Industrial Service & Supply, Inc. – Tempe, Arizona
Larkin Lamp Rynearson – Kansas City, Missouri
Micro-Comm – Olathe, Kansas
Mueller Company – Chattanooga, Tennessee
Murphy Tractor & Equipment – Wichita, Kansas
Olathe Winwater Works Company – Olathe, Kansas
Ray Lindsey Company – Belton, Missouri
Ranson Financial Consultants, LLC – Wichita, Kansas
Schwab-Eaton, PA – Manhattan, Kansas
Sidener Environmental – St. Louis, Missouri
Terrane Resouces Company – Stafford, Kansas
United Midwest, Inc. – Lenexa, Kansas

Thank You . . .
Exhibitors and Sponsors

KRWA appreciates the support of all the Exhibitors and Sponsors for the 50th 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.
## Hyatt Ballroom D
### Moderator: Chad Buckley
City of Norton

**Op. Credit: W & WW**

### LOCATING UNDERGROUND PIPES AND CABLES TO AVOID DAMAGE

Locating underground utilities is becoming more of a challenge as the vast array of lines in the ground continues to increase. Paper maps seldom have the pinpoint accuracy to properly locate underground pipes and cables to guarantee the clearance required during excavations. There are many different materials used in the manufacture of the types of underground pipes and cables. The session explains equipment used and how to avoid common problems, including the use of tracer wire.

### Jim Grimes
Rycom Instruments
Raymore, Missouri

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## Hyatt Ballroom E
### Moderator: Bob Kirby
City of Baxter Springs

**Op. Credit: WW**

### WASTEWATER OPERATOR REFRESHER COURSE — PART I

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

### Marsha Fleming; Traci Miles
Kansas Dept. of Health & Env.
Salina, Kansas

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## 209 A
### Moderator: Ken Kopp
Kansas Rural Water Assoc.

**Op. Credit: W**

### FACTORS IN DEVELOPING SUCCESSFUL WATER WELLS

The definition of a successfully completed water well is much more than the drilling of a hole that reaches an aquifer. A successful water well will deliver the expected quantity of water at the expected cost of production over the expected life of the well. Hear from an experienced well driller and geologist of the important items to consider when starting a well drilling project and what can be done to help make your new well successful.

### Darin Duncan
Associated Drilling, Inc.
Olsburg, Kansas

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## 209 B
### Moderator: Steve Euler
Morris RWD 1

**Op. Credit: W & WW; Clerk IIMC**

### BENEFITS OF GPS MAPPING FOR TODAY AND TOMORROW

This session will demonstrate water and wastewater system GPS data and its benefits as examples to help others fully appreciate the various possibilities that the GPS technology provides. The GPS mapping project for the city of Enterprise will be showcased, illustrating how the city utilizes its GIS each day and how this benefits city personnel and the community. This presentation also reviews the process that KRWA uses in providing GPS mapping services and how free apps such as Google Earth can be used for mapping.

### Mark Thomas; Paul Froelich
KRWA; City of Enterprise
Seneca, Kansas

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## Concurrent Sessions Thursday, March 30, 9:30 a.m.

<table>
<thead>
<tr>
<th>Session</th>
<th>Location</th>
<th>Moderator</th>
<th>Credit</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>210 A</td>
<td>Hyatt Ballroom</td>
<td>Jon Steele</td>
<td>W &amp; WW</td>
<td>BENEFITS OF TODAY’S SCADA SYSTEMS AND REMOTE ACCESS</td>
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<tr>
<td>210 B</td>
<td></td>
<td>Tammy Pence</td>
<td>None</td>
<td>HEALTH BENEFIT PLANS FOR KRWA MEMBERS</td>
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<tr>
<td>210 C</td>
<td></td>
<td>Dan Mount</td>
<td>W</td>
<td>COMPLIANCE WITH DISINFECTION BYPRODUCTS (DBPs)</td>
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<tr>
<td>203</td>
<td></td>
<td>Gayla Pendleton</td>
<td>None; Clerk IIMC</td>
<td>BUILDING A STRENGTHS-BASED WORKPLACE</td>
</tr>
</tbody>
</table>

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## 210 A
### Benefits of Today’s SCADA Systems and Remote Access

SCADA systems provide operators with precise data necessary to effectively and efficiently run their water or wastewater system. A properly designed 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 many benefits including real-time monitoring and security. This session will look at the advancements of SCADA systems and the importance of secure, remote access through mobile devices.

### Dallas Massie
R. E. Pedrotti Company, Inc.
Mission, Kansas

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## 210 B
### Health Benefit Plans for KRWA Members

The National Rural Water Association in partnership with Mike Keith Insurance is proud to announce Healthy Benefits for the KRWA members! NRWA Healthy Benefits is a unique health benefit program for water districts, municipality members and associate members. This program was designed to provide a comprehensive and affordable healthcare option to meet all the compliance demands of ACA. Learn about the program to help employees have access to quality health insurance.

### Chris Corkran
Lifestyle Health Plans, Lenexa, KS

### Jeanie Cunningham

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## 210 C
### Compliance with Disinfection Byproducts (DBPs)

Many water suppliers are struggling with the DBPs requirements especially trihalomethanes (THMs) and haloacetic acids (HAAs). This session will cover the maximum contaminant level (MCLs) requirements, the causes of high THMs and HAAs, monitoring schedules (reduced and increased), and public notice. Specific examples of the challenges, mistakes, and ironies of these requirements will be discussed for both surface water suppliers, well water suppliers, and systems that purchase water only.

### Chris Corkran
Lifestyle Health Plans, Lenexa, KS

### Jeanie Cunningham

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## 203
### Building a Strengths-Based Workplace

Research shows a strong link between employee engagement and organizational performance. When employees feel engaged they put in extra effort, which leads to better organizational outcomes. So how do you build employee engagement? Leaders can start by working to align each employee’s responsibilities with their strengths when creating teams and assigning tasks. See how a strengths-based workplace can leverage limited resources in this “do more with less” environment.

### Leslee Rivarola
KU Public Management Center
Lawrence, Kansas
Hyatt Ballroom D

Moderator: Skylar Lipson
Franklin RWD 4
Op. Credit: W & WW

CHLORINE SAFETY – IMPORTANT INFORMATION TO KNOW

Regardless of the form of chlorine used, safety is a concern. This training session will explain the procedures for the proper and safe handling of gas chlorine, liquid sodium hypochlorite, and calcium hypochlorite (powder, granules or tablets). The procedures for replacing an empty 150 lb. cylinder of gas chlorine, including step-by-step installation and checking for gas leakage in start-up will be explained. Hear tips and safety points that every new or experienced operator needs to know and practice every day.

Curtis Smith
Chlorinators Incorporated
Stuart, Florida

210 A

Moderator: Katie Miller
Burns & McDonnell
Op. Credit: None

BOB’S RULES OF ORDER – FOR EFFECTIVE AND EFFICIENT MEETINGS

The rules of procedure at meetings should be simple enough for most people to understand. Unfortunately, that has not always been the case. Newton City Manager Bob Myers has prepared a simplified set of rules which covers the basic procedures needed for orderly meetings without the mind-numbing complication in the standard Robert’s Rules of Order. The proper role of the meeting Chair is explained. What actions are available to other board/council member if they feel proper procedure is not being followed?

Bob Myers
City of Newton
Newton, Kansas

Hyatt Ballroom E

Moderator: Doug Simon
City of Andale
Op. Credit: WW

WASTEWATER OPERATOR REFRESHER COURSE – PART II

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

Marsha Fleming; Traci Miles
Kansas Dept. of Health & Env.
Salina, Kansas

210 B

Moderator: Bruce Hurt
City of Osawatomie
Op. Credit: W

BLUE-GREEN ALGAE FOR THE WATER SUPPLIER AND/OR CITIZEN

This session provides answers to questions related to blue-green algae blooms and impacts, including: Are all algae bad? Are all blue-green algae bad? What is a “bloom,” and when do they become a concern? What do I look for in my lake? Which blue-green algae are common? Which produce toxins? What are those toxins, and what health impacts do they have? What causes blue-green blooms, and what factors make them worse? And last, What are some ways to manage my risk when around a blue-green bloom?

Ed Carney
Kansas Dept. of Health & Env. (ret)
Topeka, Kansas

210 C

Moderator: Bret Beye
City of Herington
Op. Credit: W & WW

MATH MADE EASY – A CONFERENCE CRASH COURSE

This math class is applicable to both the water and wastewater industries. Learn the two basic tools taught in an easy, straightforward way. Once mastered, this method can be used in 90 percent of all math concerns in the water/wastewater industry. This is a practical look into the tools that can solve challenges in water treatment and other utility operations. Learn the two basic tools in the toolbox that is called math. This session is great for operator use or for preparation for the operator certification exam.

Rick Elliott
Elliott Insurance Group
Topeka, Kansas

209 A

Moderator: Denise Vogt
Butler RWD 3
Op. Credit: None; Clerk IMC

UNDERSTANDING WHAT INSURANCE YOUR UTILITY SHOULD HAVE

Managing risks requires that water and wastewater utilities have a good understanding of their insurance needs. Attend this session to learn about the utility’s exposure when using subcontractors or independent contractors. What types of claims are covered under general liability and business auto? What are the exposures concerning workers compensation? What fidelity bonds/crime coverage should be in place? Other topics include employment practices (linebacker) and cyber liability.

209 B

Moderator: Scott Robertson
City of Hesston
Op. Credit: None

THE UNLIMITED USE OF DRONES IN PUBLIC UTILITY MANAGEMENT

Public utilities have a new tool available that has the potential to save time and money, and improve personnel and infrastructure safety. The development and implementation of Unmanned Aircraft Systems (UAS) technology continues to increase at an amazing rate, and may be a tool commonly used by water and wastewater systems in the near future. Learn how one Kansas community uses drones, video and software to assess maintenance and repair needs, and emergency response.

Paul Froelich
City of Enterprise
Enterprise, Kansas

210 D

Moderator: Sue Harsh
Butler RWD 6
Op. Credit: W & WW; Clerk IMC

THE FOUR KEY PRINCIPLES OF GREAT CUSTOMER SERVICE

Utilities and organizations exist to serve the needs of customers, but that doesn’t mean it’s always easy to provide great customer service. In this workshop participants will take a creative look at the four principles of great Customer Service as illustrated in the award-winning video, “Give ‘em the Pickle!” We’ll discuss how to maintain a positive attitude even with difficult individuals and ways to provide great service to co-workers as well as the public. This session is for employees and governing body members.

Leslee Rivarola
KU Public Management Center
Lawrence, Kansas
A final EXPO Hall Floor Plan with booth designations will be included in each registration packet to be picked up at the conference. Listings of exhibitors and the floor plan will be posted throughout EXPO Hall.

Durkin Equipment Company
North Kansas City, Missouri

DPX Pump & Power Equipment
Lenexa, Kansas

Earles Engineering & Inspection
Salina, Kansas

EJ
Kearney, Missouri

Elliott Equipment Company
Grimes, Iowa

Elliott Insurance Group
Topeka, Kansas

Engineered Systems
Overland Park, Kansas

Engineering America
Lenexa, Kansas

Enviro-Line Company
Osawatomie, Kansas

Environmental & Process Systems
Lenexa, Kansas

Environmental Process Equipment
Wichita, Kansas

ETI Equipment
Oklahoma City, Oklahoma

Evans, Bierly, Hutchison & Associates
Great Bend, Kansas

Fluid Equipment Company
Kansas City, Missouri

Foley Equipment Company
Wichita, Kansas

Ford Meter Box
Joplin, Missouri

Foresters Financial
Overland Park, Kansas

Fortiline Waterworks
Kansas City, Kansas

FTC Equipment, LLC
Kansas City, Missouri

Gateway Industrial Power, Inc.
Kansas City, Missouri

GPM
Blair, Nebraska

Grasshopper Company
Moundridge, Kansas
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<tr>
<td>Mueller Company</td>
<td>Chattanooga, Tennessee</td>
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<td>Municipal Pipe Services</td>
<td>Hastings, Nebraska</td>
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<td>Murphy Tractor &amp; Equipment Company</td>
<td>Park City, Kansas</td>
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<td>North American Pipe</td>
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<td>Northern Pipe Products</td>
<td>Lee’s Summit, Missouri</td>
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<td>NorthStar Utilities Solutions</td>
<td>Ottawa, Ontario</td>
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<td>Nowak Construction Company</td>
<td>Goddard, Kansas</td>
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<td>NRWA Healthy Benefits</td>
<td>Warrensburg, Missouri</td>
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<td>Nutri-Ject System</td>
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<td>Pollardwater.com</td>
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<td>Professional Computer Systems</td>
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<td>Professional Engineering Consultants</td>
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<td>Purple Wave Auction</td>
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<td>Ranson Financial Consultants, LLC / KRWFA</td>
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<td>Raven Lining Systems</td>
<td>Broken Arrow, Oklahoma</td>
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<td>Ray Lindsey Company</td>
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<td>Red Municipal &amp; Industrial Equipment</td>
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<td>SCI Automation, Inc.</td>
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<td>TankSpek, LLC</td>
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<td>Team Laboratory Chemical Corporation</td>
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<td>Thoroughbred Computer Systems</td>
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<td>TREKK Design Group, LLC</td>
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<td>Truck Component Services</td>
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<td>Water Tech, Inc.</td>
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<td>WaterWise Enterprises</td>
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<tr>
<td>Wilson &amp; Company, Inc.</td>
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Century II Parking

Map of Wichita

Century II Convention Center

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

50TH ANNUAL CONFERENCE & EXHIBITION

Tuesday, Wednesday, Thursday, March 28 - 30
Century II Convention Center, Wichita, Kansas
Register ONLY ONE PERSON on this form.
Note: You may also register online at www.krwa.net

Please print or type: Check here if you want Operator Credit: ☐
City Clerks check for MMC or CMC Credit: ☐

Name: _____________________________________________________
Represents: __________________________________________________
Title: _______________________________________________________
Address: ____________________________________________________
City, State: __________________________________________________
Zip: _______________ Phone: (______) _______-__________

Indicate which days you plan to attend:
☐ Tuesday, 3/28  ☐ Wednesday, 3/29  ☐ Thursday, 3/30
If you are attending a preconference session on Tuesday, please indicate which session you plan to
attend by checking the session on the reverse side of this form so adequate seating is available.

Registration Fee .............................................. $160 $______
Registration Fee after March 15......................... $185 $______

Note: Registration fee does not include golf or meal tickets. Tickets to the Tuesday evening
“Meet & Greet” are $15. Spouses also pay registration fee and for any meal tickets.

Tuesday, 3/28, 7 a.m. “Almost 5K Run/Walk”  ☐ Yes  ☐ No
Golf Tourney, 3/28, 8:30 a.m. (pay KRWA)........ $75 $______
Tuesday, 3/28 Luncheon Ticket....................... $10 $______
Tuesday evening, “Meet & Greet”.................... $15 $______
Wednesday, 3/29 Luncheon Ticket................... $10 $______
Wednesday, Spouse Program at Hyatt.......... ☐ Yes  ☐ No
Wednesday Awards Banquet & Show............ $25 $______
Thursday, 3/30 Breakfast (by Chris Cakes)...... $ 5 $______
Thursday, 3/30 Luncheon Ticket..................... $10 $______

(Please indicate payment method)
Payment Enclosed: ☐  Bill Me: ☐  Credit Card: ☐  Total:$______

Preconference Selection

KRWA requests that those planning to attend preconference sessions indicate below which
session they plan to attend. This will help ensure having adequate handouts and to make other
session arrangements for the Tuesday Preconference Sessions.

Check one session only for Tuesday
☐ 2017 Engineers’ Forum (p. 38)
☐ Water System Components, Operations and Technology Updates (p. 39)
☐ Wastewater Collection Systems (p. 39)
☐ Microbiological Monitoring of Activated Sludge Processes (p. 40)
☐ City Clerks’ Forum (p. 40)
☐ Groundwater and Wells; Understanding the Relationship of Aquifers, Well Design,
  Maintenance and Water Quality (p. 41)
☐ Water Operator Forum – Preparing for Certification Exams (p. 41)
☐ RWD Office Forum (p. 42)
☐ Board/Council Leadership – A Key for Good Service (p. 42)

After completing this form on both sides, send it with payment to:
KRWA, PO Box 226
Seneca, KS 66538

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