

- ◆ Sound Financial Footing
- ◆ Long Range Planning
- ◆ Top Public Relations
- ◆ Excellent Service
- ◆ Good Policies
- ◆ Mix Well, Stir Often

RECIPE For SUCCESS

KRWA's 45th Annual Conference & Exhibition

March 27 - 29, 2012 - Wichita, KS

Attend the
**45th Annual
Conference & Exhibition**
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 Health & Environment
Kansas Water Office
Division of Water Resources
Environmental Protection Agency
Kansas Department of Commerce
USDA Rural Development
Kansas Geological Survey

WELCOME

“Recipe For Success” is the theme of the 2012 Annual Conference & Exhibition for public water and wastewater systems. Sponsored by the Kansas Rural Water Association and participating agencies, this conference promises a top caliber technical program, an exhibit hall with 304 booths, outstanding speakers, great food and warm hospitality. Register early and save \$25. Meet your peers at one of the friendliest, down-home conferences in the country, March 27 - 29 at the Century II Convention Center in Wichita, Kansas.

WHO SHOULD ATTEND?

City council members, mayors, operators, clerks, managers, bookkeepers, RWD board members, administrators, industry and government officials, sanitarians and plumbers should attend. In 2011, attendance totaled 2,250 people from 287 cities and 183 rural water systems.

DATES & LOCATION

Tuesday, Wednesday, Thursday

March 27, 28, 29

Century II Convention Center, Wichita, Kansas

REGISTRATION

Early registration is encouraged. Register for the preconference sessions on the reverse side of the registration form. See page 49. 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) 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. There will also be special operator training on Thursday morning for those planning to take the **certification exam set on Thursday, 3/29 at 1:30 p.m.** in Hyatt Ballroom E. See pages 33 and 35 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, Kansas 66538. Or, you may register online at www.krwa.net. Questions? Call 785-336-3760.

WHAT THIS CONFERENCE OFFERS

10 preconference sessions on Tuesday, March 27; early registration is required. See pages 8 to 17.

48 concurrent sessions, Wednesday and Thursday. See page 20 and beyond for these sessions.

304 exhibits in EXPO Hall with the latest in products and services. See pages 26 - 27 for floor plan.

Attorneys' Forum – for lawyers only, seeking to learn more and exchange information. Invite your city or water system attorney. See page 6.

“Carnival Roundup” – there’s nothing like it anywhere for a conference opener. Food, social, games and more than \$10,000 in prizes. Carnival Roundup is available for a nominal fee of \$10. See page 18.

Opening Session & Keynote: Thomas Dismukes – “Recipe For Success”. See page 19.

Noon Luncheon Special Guests: Wednesday 3/28, **Marci Penner**, Kansas Sampler Foundation; Thursday, 3/29, **Patty Clark**, USDA Rural Development. See page 5.

Best Tasting Water Contest, the **Cyber Café** in EXPO Hall. See page 7.

Awards Banquet and Entertainment: Recognition of the Kansas' Best Operators, Managers and Administrators. Then settle back for a great show, **Cindy Summers** in *One Voice*. See page 31.

Spouse Program: Wednesday, 1:30 p.m., depart Century II by coach bus following the noon lunch to travel to Wyldewood Cellars in Mulvane. Enjoy a tour, tasting and lecture, and then to Luciano's Restaurant for a dessert. See page 30 for more. Spouses pay regular registration fee and for meals. Ticket must be requested on registration form.

Operator Certification Exam: The certification exam will be given for Small System (SS) and Class I - IV Water and Wastewater, Thursday afternoon, March 29. See page 45 for information on obtaining an exam application form.

Annual Membership Meeting: Thursday, March 29 at 8:00 a.m. in Room 209A.

Spring Golf Tourney: Tuesday, March 27 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! Those are course rules.

Accommodations: See page 48 for hotel blocks.

CONFERENCE AT A GLANCE

TUESDAY, MARCH 27

- 8:00 a.m. Registration Opens; Connecting Lobby, Century II, Hospitality – beverages, rolls
- 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. 6)
- 9:30 a.m. Preconference Sessions: 2 sessions begin: (KanCap, p. 10; City Clerks, p. 13)
- 10:00 a.m. Preconference Sessions: 8 sessions begin (p. 8, 9, 11,12, 14-17)
- Noon: Lunch: (buffet lunch at Century II for \$10; purchase meals by marking on registration form)
- 1:00 p.m. Preconference sessions reconvene
- 4:00 p.m. EXPO Hall opens: 304 booths; (p. 36-43); Cyber Café (p. 7)
- 6:30 p.m. "Carnival Roundup" – barbecue, social, games, \$10,000 in prizes; purchase ticket for \$10 on registration form (p. 18)

WEDNESDAY, MARCH 28

- 7:30 a.m. Registration Opens, Connecting Lobby, Century II, Hospitality – beverages, rolls
- 8:30 a.m. Opening Session, Concert Hall; Keynote: Thomas Dismukes: "Recipe For Success" (p. 19)
- 10:00 a.m. EXPO Hall Opens
- 10:45 a.m. Concurrent Sessions (p. 20-21)
- Noon: Luncheon: Century II, Special Guest: Marci Penner, Kansas Sampler Foundation (p. 5)
- 1:30 p.m. Spouse Program, depart Century II to travel to Wyldewood Cellars in Mulvane (p. 30)
- 1:30 p.m. Concurrent Sessions (p. 22-23)
- 2:45 p.m. Concurrent Sessions (p. 24-25)
- 4:00 p.m. Concurrent Sessions (p. 28-29)
- 5:00 p.m. Social in EXPO Hall
- 6:30 p.m. Awards Banquet, Awards Presentations, Entertainment: Cindy Summers in *One Voice*

THURSDAY, MARCH 29

- 7:30 a.m.- Pancakes & more by Chris Cakes
- 9:00 a.m. purchase ticket on registration form
- 8:00 a.m. Annual Meeting, KRWA Membership, Room 209A
- 8:30 a.m. EXPO Hall opens
- 9:30 a.m. Concurrent Sessions (p. 32-33)
- 10:45 a.m. Concurrent Sessions (p. 34-35)
- Noon: Luncheon: Century II: Special Guest: Patricia "Patty" Clark, USDA Rural Development (p. 5)
- 1:30 p.m. Certification Exam, Water & Wastewater Small Systems, Classes I - IV, Hyatt Ballroom E (see p. 45 for details)

SPECIAL GUESTS



Marci Penner

Kansas Sampler Foundation
(Wednesday noon luncheon)

At a time when rural communities are reaching endangered status, it's important to look at the issues these volunteer-led towns and rural communities face as well as the value they bring to the state as a whole.

Marci Penner is the director of the Kansas Sampler Foundation which is located on the Penner Farm near Inman.

Marci has degrees from the University of Kansas and the University of Wisconsin. She spent five years in the Philadelphia area as an elementary guidance counselor before moving back to Kansas in 1990.

In 1993, Marci and her father, Milferd Penner, formed the non-profit Kansas Sampler Foundation to help preserve and sustain rural culture. Some of the better known projects are the annual Kansas Sampler Festival, the *Kansas Guidebook for Explorers* for which Marci traveled to every one of the 627 incorporated cities in Kansas to research, the Kansas Explorers Club, the *Rural Kansas: Come & Get It* project, and the *8 Wonders of Kansas* contests and guidebook.

Marci was named Distinguished Kansan of the Year in 2005.



Patricia "Patty" Clark

State Director, USDA Rural Development
(Thursday noon luncheon)

Patricia "Patty" Clark was sworn in as State Director at USDA Rural Development in August 2009. Prior to the appointment, Patty was Director of Operations at the Kansas

Leadership Center and was also Deputy Secretary at the Kansas Department of Commerce.

When taking the oath of office at Rural Development, Director Clark commented that her goal at the agency would be to expand on what is working well and to also aggressively embrace new strategies to meet the ever changing needs of Kansas communities. USDA Rural Development administers and manages more than forty housing, business, and community infrastructure and facility programs. USDA Rural Development in Kansas has accomplished impressive results. These initiatives include basic infrastructure services including water and wastewater systems, affordable housing opportunities, support of essential community services such as rural health care, and an expansion of business development and entrepreneurship capacity.

2012 ATTORNEYS' FORUM

Tuesday, March 27, Hyatt Trail Rooms, 9:00 a.m.

This 12th Annual Attorneys' Forum provides another unique opportunity for KRWA-member water system attorneys to gain information and to exchange opinions on topics of interest to municipal and rural water districts in Kansas. Seven hours of Continuing Legal Education (CLE) credit will be available to attorneys attending the entire session. There is no charge to attorneys who attend; attendance is limited to the first 40 registrants.



7:30 a.m. Registration opens: pick up badge and materials in Connecting Lobby at Century II; complimentary coffee, juice and rolls available in Connecting Lobby

9:00 - 9:50 Burke W. Griggs, General Counsel, Kansas Department of Agriculture Division of Water Resources, Topeka, Kansas – [Perfection, Abandonment and Other Issues Involving Municipal Water Rights](#)

9:50 - 10:40 Louis Funk, Bartlett & West, Inc., Topeka, Kansas, – [Building a Successful Water Rate Model](#)

10:40 - 10:55 Break

10:55 - noon Stanton A. Hazlett, Disciplinary Administrator, Office of the Disciplinary Administrator, Kansas Supreme Court, Topeka, Kansas – [Legal Ethics: Selected Topics](#)

Noon - 1:00 Luncheon, compliments of KRWA

1:00 - 1:30 L. D. "Kent" Evans, Community Programs Director, USDA Rural Development, Topeka, Kansas – [Recent Developments at the USDA Rural Development](#)

1:30 - 2:45 Roundtable Discussion (Part I): [New/Pending Legislation; Recent Cases; Legal Issues in Water Rates](#)

2:45 - 3:00 Break

3:00 - 4:15 Roundtable Discussion (Part II): [Use of Railroad Right-of-Ways; Emergency Interconnection and Mutual Aid Agreements; Liability for Damage to Customers' Property; Employer/Employee and Use of Social Media; Other Topics of Interest](#)

4:15 - Adjourn. Exhibit Arena Open. Carnival Roundup and Social begins at 6:30 p.m. at Century II Convention Center; ticket required.

CONTESTS – CYBER CAFE

BEST TASTING WATER IN KANSAS CONTEST

Every system has good water – but some may be better than others. Let's put it 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 2011, the city of Olathe won the Kansas contest.



How to enter? It's easy. Bring a one gallon sample of water (in a glass jar) from your city or rural water district to the registration desk at Century II by noon on Tuesday, March 27. 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. in 2012. Because of scheduling, the city of Olathe will be entered in the 2012 national contest which is being held in February in Washington.

CYBER CAFÉ - EXPO HALL IS WIRELESS!

EXPO Hall will have wireless Internet access throughout the 93,000 square feet of exhibit space. In addition, find six computers sponsored by KRWA for public use in the Cyber Café. Two printers will also be available to anyone needing to print proposals or other documents.



SUPPORT "RURAL WATER" THROUGH THE WATERPAC RAFFLE

The WaterPAC Raffle raises funds for WaterPAC, the National Rural Water Association's political action committee. As an affiliate of the National Rural Water Association (NRWA), KRWA members benefit from the legislative representation of NRWA in Washington.

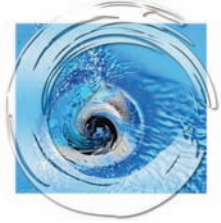


NRWA works in support of reasonableness for regulations dealing with water and wastewater utilities. Work by NRWA has helped to impact in the development of legislation or reauthorization of programs. The WaterPAC Raffle is one opportunity for conference-goers to support the NRWA political action committee. Stop by the WaterPAC Raffle near the Cyber Café in EXPO Hall to make a donation and have opportunities to win some great prizes.

PRECONFERENCE SESSIONS

10:00 a.m. - 4 p.m., Hyatt Ballroom D

WASTEWATER COLLECTION AND TREATMENT FOR SMALL SYSTEMS



This preconference session will include a review of the components of a small wastewater system. It begins with an examination of typical collection system issues; the afternoon section addresses the most common treatment system used by small systems – waste stabilization ponds.

The morning session will provide an engineer's perspective on the collection system evaluation process. Topics will include:

- Why collection system evaluation is critical for eliminating sewage bypasses and basement backups
- Tools used to evaluate the condition of collection systems including televising, smoke testing and visual inspections
- How to prioritize and plan for collection system repairs
- Methods used to rehabilitate sewer mains and manholes
- Why communicating with your contractor and residents during construction is important

During the afternoon session, waste stabilization pond operational theory and how to resolve O&M problems will be presented. This session is a must for all operators wanting to know how ponds work biologically and how such knowledge can be helpful when troubleshooting operational problems. Topics will include:

- How physical, chemical and biological processes work
- Observational tools that help determine if a pond is operating satisfactorily
- How to calculate detention time and organic loading
- Improving effluent quality and avoiding compliance problems

Presenters:

SAMUEL JOHNSON, P.E.

BG Consultants, Inc., Manhattan, KS

JEFF LAMFERS

Kansas Rural Water Association, Mission, KS

Facilitator: Earl Crosswhite, City of Ness City

Wastewater operators who attend will receive 5 hours of credit towards operator certification or renewal.

10:00 a.m. - 4 p.m., Hyatt Ballroom E

WATER DISTRIBUTION SYSTEMS – PIPES, VALVES AND HYDRANTS

Developing a system to distribute water to customers is a big investment for any community. Because a water distribution system is intended to serve a community for more than fifty years and it is buried and difficult to access, careful planning and good maintenance practices are needed.



Water distribution systems have these major components: pipes, valves and flush hydrants. Each part plays a role in ensuring adequate water service and in maintaining quality water.

This preconference session will benefit any new operator and it will be a good refresher course for the experienced operator. The session will begin with discussions on the safe operation, maintenance, and troubleshooting of fire hydrants. The presentation will offer those attending the opportunity to learn about the Hydrant Defender – a product that prevents tampering with hydrants. Other topics will include Aqua Grip integral restrained fittings. Presenters will discuss gate valves, butterfly valves and check valves, focusing on how each operates and the importance of the preventive maintenance to help ensure proper working condition. Other topics will include pipe repair couplings, brass products such as corporation stops, curb stops, service fittings, meter valves, yokes and settings. The last portion will cover the safe installation of service saddles, tapping sleeves and stainless steel repair clamps. The presentation will identify the proper selection of these products.

Presenters:

GEORGE LACEFIELD

DUANE CUNNINGHAM

Mueller Co., Decatur, IL

Facilitator: Bruce Spare, Saline RWDs 3, 7 and 8

Water operators who attend will receive 5 hours of credit towards operator certification or renewal.

PRECONFERENCE SESSIONS

9:30 a.m. - 4:30 p.m., Room 201

KANCAP: IMPROVING THE MANAGEMENT OF KANSAS WATER SYSTEMS

Hundreds of board and council members have attended this training; staff are also welcome. It's KanCap – and its aim is to help cities and RWDs improve management of their water systems. KanCap provides the opportunity for board and council and staff members to learn about water utility finance and management issues – and to take a copy of the nationally acclaimed resource “KanCap” manual and interactive CD home. KanCap is the nation's “one of a kind” training program aimed at helping sustain and improve management for better drinking water.



KanCap was developed by KRWA with input and dialogue from organizations and stakeholders. The result is an interactive CD and 300-page hard copy companion guide that will help your city or RWD gain greater confidence in knowing what to do and where to turn. Videos, quizzes and more than 216 additional references are contained within the project. Again, attendees will receive the KanCap manual and interactive CD. Early registration is required. This session begins at 9:30 a.m. and will conclude at 4:30 p.m. so that all three training sections can be covered. Operators who are accompanied by a majority of their board or council members will receive credit.

Presenters:

RITA CLARY

Kansas Rural Water Association, Troy, KS

DELBERT ZERR

Kansas Rural Water Association, Manhattan, KS

JOHN HAAS

Ranson Financial Consultants, LLC, Wichita, KS

ROSEMARY SAUNDERS

Ranson Financial Consultants, LLC, Wichita, KS

Facilitator: Denise Eggers, Jefferson RWD 12

Operators who attend will receive 5 hours of credit towards certification if a majority of the RWD board or city council attend.

10:00 a.m. - 4 p.m., Room 208

RESOLVING DISPUTES IN A NEIGHBORLY WAY



This program has been provided to KRWA conference-goers the past several years; it's an extremely popular workshop to help attendees learn how to turn conflicts they face into solutions that people can agree on. Maybe the conflict is between you and your system's customers or people on your board or city council. Or, perhaps it's between your water system and neighbors dealing with water purchase contracts. We should all want to resolve issues in the most civil and cost effective manner possible. How to get that done is often what is missing. This session provides tools and approaches on how best to resolve conflicts. This workshop is designed for public water system employees, RWD board and city council members, and anyone else working to find solutions to problems. Learn to:

- Deal productively with customers to resolve disputes
- Conduct meetings that result in mutually acceptable decisions
- Negotiate in a positive and beneficial way
- Work more constructively with other water suppliers
- Learn more about yourself

Previous participants have expressed how beneficial this training has been for dealing with conflicts in their personal lives and within service organizations. Certificates of Completion will be presented at the end of the session.

Presenters:

GARY L. FLORY

Great Plains Consensus Council, North Newton, KS

KEN GROTEWIEL

Great Plains Consensus Council, Lawrence, KS

Facilitator: Sam Atherton (Retired), Public Wholesale District 4

No operator credit provided for attendance.

PRECONFERENCE SESSIONS

10:00 a.m. - 4 p.m., Room 209 A

CHLORINATION: OPERATION, MAINTENANCE AND SAFETY

How gas chlorinators work is a combination of water hydraulics, back pressures, dosage rates and sometimes, a little luck. Attend this preconference session to learn about the characteristics of gas chlorine as well as the comparisons of the three forms of chlorine (sodium hypochlorite, calcium hypochlorite and elemental chlorine). The object of this session is to familiarize attendees with chlorination systems including but not limited to direct cylinder-mounted, all-vacuum gas chlorinators and chemical feed pumps injecting bleach and solutions of other forms of chlorine.



The presentation will be in an easy-to-understand format, with class participation. Here are the main sections of the day-long session: Chlorine Safety; Safety Devices; Comparisons of the Three Forms of Chlorine; The Theory of Operation; How Gas Chlorinators Work; Troubleshooting; and, Routine Maintenance. This session includes the ten commandments of safety!

This preconference training session will be presented by Ron Grage, (retired), Senior Sales Specialist, Chlorinators Incorporated, Stuart, Florida. Ron has conducted seminars and training sessions at colleges, universities and water associations in all 50 states, all Canadian provinces, and overseas in Taiwan, Korea, Saipan and Guam. He is an accomplished speaker who has been in the waterworks industry since 1969. Ron has been involved in chlorinator repair and working on all brands of chlorinators since 1971. Don't miss this outstanding training opportunity.

Presenter:

RON GRAGE, (RETIRED)

Chlorinators Incorporated, Stuart, FL

Facilitator: Carl Chalfant, City of McLouth

Water or wastewater operators who attend will receive 5 hours of credit towards operator certification or renewal.

9:30 a.m. - 4:30 p.m., Room 209 B

MIXING IT UP WITH CITY CLERKS

City clerks are known to be the “head chef” for most towns. Clerks deal with a full plate on a day-to-day basis with issues from water leaks to retirement. That’s why a committee of city clerks has again worked to provide this preconference session; it’s a “recipe” for a day of learning and exchange covering hot topics. This preconference session begins at 9:30 a.m.; there are eight “ingredients” of interest; the session will conclude by 4:30 pm.



Topics and Presenters:

- **The Water Protection Fee and Clean Drinking Water Fee**
LINDA STUMBAUGH, Kansas Dept. of Revenue, Topeka, KS
- **Spicing Up Your Payment Options**
DAVID OSBORN, Payment Solutions, Emporia, KS
- **A Pinch of Change for Liquor Licenses**
DEBBI BEAVERS, Kansas Dept. of Revenue, Topeka, KS

BREAK FOR NOON LUNCH

- **Encouraging Positive Behavior: Ethics In The Workplace**
BERNIE HAYEN, City of Manhattan, KS
- **Demystifying The W-9 And 1099-MISC Forms**
ALLISON JONES, Internal Revenue Service, Wichita, KS
- **KPERS Updates**
MEL ABBOTT, KS Public Employees Retirement System, Topeka, KS
- **Water and Wastewater System Basics**
BERT ZERR, KRWA, Manhattan, KS
- **Dealing With Customers Who Are Stirred Up and Whipped Into a Frenzy**
EILEEN KOUTELAS, WaterOne, Mission, KS

Facilitators: Kathy Barkley, City of Conway Springs; Patti Gilbert, City of Burlingame; Anita Goertzen, City of Goessel; Barb Polson, City of Nortonville; Janet Stice, City of Atwood

The IIMC Education Department has reviewed and approved the City Clerks' Workshop for one CMC Experience point or one MMC Professional and Social Contributions point.

PRECONFERENCE SESSIONS

10:00 a.m. - 4 p.m., Room 210 A

SMOOTH OPERATIONS FOR RWD OFFICES

Today's rural water managers and office professionals need skills including administration, customer service, data entry and word processing, financial planning, being a receptionist and meeting planner, and providing good public relations. This Rural Water Office Professional Forum provides opportunities to learn about topics that are critical to every RWD in Kansas. This session is designed for RWD managers and office professionals.



- **10:00** Developing questions for the “Professional Panel”
- **10:45** New Developments with GIS Mapping
PETE KOENIG, KRWA, Seneca, KS
- **11:10** New Online Training Program: E-Train
KATIE MILLER, KRWA, Manhattan, KS
- **11:30** What KanCap Training Can Do for Your Board
CATHY TUCKER-VOGEL, Kansas Dept. of Health and Env., Topeka, KS
- **Noon** Lunch at Century II
- **1:00** The afternoon will include brief presentations followed by a panel discussion.
 - Typical Legal Issues Faced by RWDs In Kansas
RAY CONNELL, Attorney, Connell & Connell, El Dorado, KS
 - Inspections by the Kansas Dept. of Health and Env.
HEATH HORYNA, KS Dept. of Health and Env., Wichita, KS
 - How RWDs Can Utilize Today's Banking Technology
CHRISTIAN LEHR, Commerce Bank, Wichita, KS
 - Insurance: Exposures and Coverages
EDGAR PECK, Anderson Peck Agency, Inc., Topeka, KS
 - Developing and Maintaining a Responsible Web Site
JEN SHARP, jensharp.com, Ottawa, KS
 - Clean Drinking Water Fee and General Sales Tax Issues
LINDA STUMBAUGH, Kansas Dept. of Revenue, Topeka, KS
- **3:30** Wrap-up

Facilitators: Sharon Dwyer, Douglas RWD 5; Shirley Hoch, Morris RWD 1; Lana Kettler, Miami RWD 2; Patricia Shaffer, Butler RWD 5

No operator credit will be awarded for attendance.

10:00 a.m. - 4 p.m., Room 210 B

APPLY SAFE WORK PRACTICES IN THE WORKPLACE



So what can safety do for you? The benefits of maintaining a safe work environment are many, but first and foremost, safety is what cities and RWDs can do to protect workers. It's the right thing to do. Employers should send their workers home in the same condition they came in. That should be important to everyone.

This preconference session provides five unique presentations to help Kansas communities address safety issues. The session begins with a presentation to help cities and RWDs be prepared for a safety and health inspection by the Kansas Department of Labor. The Kansas Department of Transportation will review traffic safety when working around not only state highways but along any roadway. Electrical power lines present one of the greatest health risks to outdoor workers. Know about safety issues to avoid accidental contact with power lines which can cause serious injury and death. Make sure your city or RWD knows about correct anchor points to tie off to ensure worker safety. Concern for air quality in confined spaces is another major concern that needs to always be considered.

Attend this session so that workers are ensured of the safest workplace environment possible.

Topics and Presenters:

- **Be Prepared For A Safety and Health Inspection**
CLIFFORD MORRIS, KS Department of Labor, Topeka, KS
- **Traffic Safety – Don't Be A Statistic**
KRISTI PYLE, Kansas Department of Transportation, Topeka, KS
- **Working Safely Around High Voltage Power Lines**
PAT BUSH, Westar Energy, Topeka, KS
- **Fall Protection Solutions**
MARK DAMON, Process Marketing Group, Blue Springs, MO
- **Using Portable Gas Monitors In Confined Spaces**
HOWARD MERMIS, MSA, Overland Park, KS

Facilitator: Paul Froelich, City of Enterprise, KS

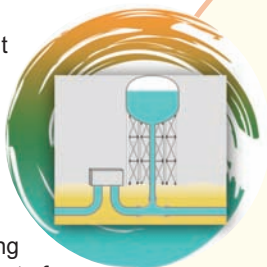
Water and wastewater operators who attend will receive 5 hours of credit towards certification or renewal.

PRECONFERENCE SESSIONS

10:00 a.m. - 4 p.m., Room 210 C

BASIC WATER SYSTEM OPERATION – THE ESSENTIAL NEED TO KNOW

This 5-credit hour water operator's training session includes topics relevant to all public water supply systems. It will be divided into two sections. The first will cover distribution system operation and maintenance, recordkeeping and monitoring requirements. The second portion will focus primarily on chlorination of drinking water. Specific issues covered in this part of the session include the basic chemistry of the chlorination process, the difference between free and combined chlorine and the process of feeding ammonia to convert free chlorine to combined chlorine.



This session will also cover chlorine residual requirements in distribution systems and the free chlorine burnout process used to maintain residuals in distribution systems. The issue of disinfection byproducts will be addressed. The discussion will address what are disinfection byproducts and the precursors that cause them. Also, which systems are most likely to experience problems with disinfection byproducts and how can these systems treat the water to comply with regulatory requirements?

This preconference session should be of particular interest to operators and all others wishing to learn more about water system operation.

Presenters:

ZACHARY PHILLIPS

Kansas Department of Health and Environment, Wichita, KS

PAT MCCOOL

Kansas Rural Water Association, Lawrence, KS

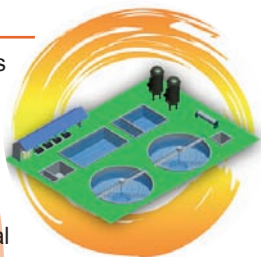
Facilitator: Kris Kline, Osage RWD 8

Water operators who attend will receive 5 hours of credit towards operator certification or renewal.

10:00 a.m. - 4 p.m., Room 203

ACTIVATED SLUDGE – FROM PROCESS TO TROUBLESHOOTING

What is activated sludge and why is it used so extensively? Learn about the process and why it is such an effective method for treating large quantities of raw wastewater. This session will also discuss means of controlling both physical and biological components of the process. Learn all variables for controlling the activated sludge process and when to adjust each in order to achieve optimum treatment.



Other topics included in this training will be process control lab tests and interpretation of the results. No matter what type or size of activated sludge system is being operated, attend this session and take home helpful and time saving techniques to optimize plant performance. For example, advantages and disadvantages of calculating Food/Microbe ratios (F/Ms), Sludge Retention Times (SRTs), and Mean Cell Residence Times (MCRTs) will be reviewed. Learn which method is best for the situation and how to minimize the operations lab time. Learn the techniques to solve challenges with the activated sludge process. The discussion will review prevention, short-term and long-term solutions, and how hardening of the system can prevent or absorb future shocks and upsets. Nitrogen and phosphorous removal will also be reviewed as it is becoming an important issue in many areas of the country.

This session will address causes and effects of nutrients in receiving streams and the treatment technologies available to remove them prior to discharge. It is a necessity to monitor different areas of the process stream in order to maximize treatment. This session will show the where, what, and how to properly evaluate treatment processes for effective nutrient removal.

Presenter:

DON VAN VELDHUIZEN

USA Bluebook, Gurnee, IL

Facilitator: Jon Voss, City of Stockton

Wastewater operators who attend will receive 5 hours of credit towards certification or renewal.

TUESDAY EVENING MEET & GREET

IT'S "CARNIVAL ROUNDUP"

BBQ, GAMES, SOCIAL – \$10,000 IN PRIZES!

When: Tuesday, March 27, 6:30 p.m.

Where: Century II Convention Center, Wichita

There is nothing like it anywhere. It's the opening night "Carnival Roundup" at the KRWA 2012 Conference. It's a \$50 value but the ticket price is only \$10! Those who purchase a ticket have a chance to win one of ten \$500 VISA gift cards; those drawings will be from tickets submitted at the door. And there will be \$5,000 in additional prizes for winners at the games. It's great barbecue and social with beverage stops for



all tastes. It's a Midway at Century II. Games include the popular Laser Sport which trades lead shot with lasers in scoring hits on clay pigeons, the Kentucky Derby, the High Striker, Bug Buster, Machine Gun Alley, Balloon Dart and Basketball Toss. There's an expanded casino and the

popular Water Bingo. For the high fliers, KRWA is bringing back the Cliff Hanger that nearly brushes the ceiling inside Convention Hall. And as people enjoy the games, they rack up tickets to enter into individual prize drawings. This year's menu will include great barbecue, potato salad, baked beans, cole slaw, dessert and beverages. It's a *Recipe For Success* – it's a mix that creates the liveliest and most entertaining conference opener in America. And, KRWA will give away a total of \$10,000 in prizes; the drawing begins promptly at 9:45 p.m.; winners must be present.

"Carnival Roundup" is a \$50 value but it's going to cost only \$10 – and those who attend have a chance to win many great prizes including flat screen TVs, grills, an assortment of tools and fun items – and a top prize – an expense paid trip for two to DisneyWorld. **"Carnival Roundup" has a ticket price of \$10 so be sure to purchase it on the registration form.**



OPENING 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: Sam Atherton, President, KRWA
John Rolfe, President and CEO,
"Go Wichita" Convention & Visitors Bureau

Invocation: Ray Hovestadt, City of Burlingame

Musical Revue: The Headliners, Butler Community College

KEYNOTE SPEAKER

Thomas Dismukes

"Recipe for Success"

Now, more than ever, we need to laugh, learn and hear words of encouragement! And that's what will happen at the Opening Session at the 2012 KRWA Conference.

Since 1991, Thomas Dismukes has traveled the U.S. and eighteen countries, telling his true-life adventures. Audiences have rolled with laughter and applauded with inspiration at this man who does more than motivate and educate . . . he touches people's lives. His incredible adventures range from sleeping in dumpsters in England to exploring the Arctic Circle. He has survived bareback rodeos, skunks in space suits and electrocution in Sweden! Remarkably he discovered a lost medieval tomb in Scotland, lassoed a wild beaver and holds a World Record. Thomas received a master's degree from Clemson University, South Carolina; he chose a career in professional speaking because of his sincere passion to inspire people to do their best and get the best out of life.

Plan now to attend the Opening Session, Wednesday, March 28, in Concert Hall for a hilarious and motivating keynote as Thomas Dismukes kicks off the 2012 KRWA conference.



Water and wastewater operators will receive 1.5 hours of credit for attending.

CONCURRENT SESSIONS

Hyatt Ballroom D

Moderator: Sheryl Ervin
Kansas Dept. of Health & Env.
Op. Credit: W

PROTECTING YOUR DRINKING WATER SUPPLIES

One of the most important gifts a community can give itself is to protect its valuable source waters from contaminants. Safe drinking water supplies allow Kansans to live healthier lives, have reduced threats of waterborne illnesses and reduced treatment costs that otherwise are ultimately passed on to the consumers in their water bills. Learn about simple steps to protect drinking water sources by completing a source water protection plan.

Travis Sieve

Kansas Dept. of Health & Env.
Topeka, Kansas

210 A

Moderator: Patti Gilbert
City of Burlingame
Op. Credit: None

SOCIAL MEDIA – AN OPPORTUNITY OR INVITATION TO DISASTER?

Spammers, Hackers and Cyberthugs are out in Cyber Space. How can you protect your organization and take advantage of the benefits of social media? The session will review social media management, boundary blurring in cyber space, policy development, and what recent case law says about social media ranting, venting, privacy violations, and productivity. Attend this session to determine you social media IQ and how to minimize legal risk.

Carol Bonebrake

Holbrook and Osborn, P.A.
Topeka, Kansas

Hyatt Ballroom E

Moderator: Jeff Lamfers
Kansas Rural Water Association
Op. Credit: WW

WASTEWATER REGULATORY UPDATE: NUTRIENT REMOVAL STRATEGY

This session provides an update on new and proposed changes to wastewater regulations. It will include information about upcoming changes to effluent ammonia limitations as EPA is expected to issue new ammonia criteria in 2012. A discussion on how KDHE is implementing a nutrient removal strategy will also be presented. Learn under what situations KDHE uses goals for total nitrogen and phosphorus removal, and when actual permit limits are imposed.

Mike Tate

Kansas Dept. of Health & Env.
Topeka, Kansas

210 B

Moderator: Penny Lumbley
Montgomery RWD 12
Op. Credit: W

KAN STEP – SUSTAINING KANSAS COMMUNITIES

KAN STEP is a community development program sponsored by the Kansas Dept. of Commerce designed to help communities with an acknowledged community improvement problem. A minimum of forty percent savings of typical "retail costs" is a goal through this self-help program. Types of facilities that qualify include improvements to water or sewer systems and various buildings. Learn about the application process and see scores of projects successfully completed.

Salih Doughramaji

Kansas Department of Commerce
Topeka, Kansas

209 A

Moderator: Joe Maris
Ray Lindsey Company
Op. Credit: W & WW

ON-SITE HYPOCHLORITE SYSTEM DELIVERS RECORD EFFICIENCY

Some municipalities have installed on-site hypochlorite generators that produce weak hypochlorite solutions using an electrolytic cell and a solution of salt water. Typically, an on-site sodium hypochlorite generating system consumes 2.5 kWh/lb of chlorine and 3.5 lbs. of salt/lb. of chlorine. This presentation discusses how an enhanced on-site sodium hypochlorite system design significantly reduces the consumption of salt and electricity.

Greg Gaffney

Severn Trent Services
Sugar Land, Texas

209 B

Moderator: Bill Shroyer
City of Sabetha
Op. Credit: W

THE US EPA – FORTY YEARS OF ACHIEVEMENTS

There are many rules that impact public water suppliers. This session will include the following topics: Drinking Water Strategy; six-year review of standards; Unregulated Contaminant Monitoring Rule; Proposed Revised Total Coliform Rule; Long Term 2 ESWT Rule; Stage 2 DBP Rule; Climate Change Adaptation Tools for addressing water issues; and, WaterSense. This session should be of interest to all attendees as it provides an overview of all the regulations.

Doug Brune

Environmental Protection Agency
Kansas City, Kansas

210 C

Moderator: Kurt Ziegler
City of Girard
Op. Credit: W & WW

SPECIFICATIONS FOR FLANGE BOLTS AND GASKETS

Specifications used in water and wastewater industries concerning flange bolting and gaskets are difficult to understand. How do you write a bolt and gasket specification that clearly describes what you want? Learn about most common ASTM steel bolts specified and identify various coatings used for corrosion protection, stainless steel galling problems, torching off bolts, ARRA bolts, electrolysis, torque requirements, NSF 61 gaskets, flange isolation and petrolatum wax.

Rich Varalla

TRIPAC
Corona, California

203

Moderator: John Sweet
City of Lyons
Op. Credit: None

PACKAGING SUCCESSFUL USDA LOAN / GRANT APPLICATIONS

This session should be of interest to all those who are members of governing bodies as well as operators and managers. The session focuses on financial feasibility and loan/grant applicant responsibilities. Learn how to make your community more competitive for limited funds. Fiscal Year 2012 is shaping up to be a dynamic year for USDA rural development funding of projects in Kansas. See what communities did to get millions in funding already this year!

Kent Evans

USDA Rural Development
Topeka, Kansas

CONCURRENT SESSIONS

Hyatt Ballroom D

Moderator: Allan Soetaert
Johnson RWD 7

Op. Credit: W

KDHE REGULATORY UPDATE FOR WATER SUPPLY SYSTEMS

This session will review the drinking water regulations including the Total Coliform Rule and future changes, Lead and Copper Rule, LT2 and Stage 2 Disinfection Byproducts Rule. Brief discussion will also be given on the Public Notification Rule and Consumer Confidence reports. This session should be of interest to those just learning the regulatory requirements and those who have been dealing with Federal and state regulations for several years.

Darrell Plummer

Kansas Dept. of Health & Env.
Topeka, Kansas

210 A

Moderator: Carolyn Armstrong
City of Colby

Op. Credit: None

FAIR LABOR STANDARDS ACT AND YOUR CITY OR RURAL WATER DISTRICT

The FLSA establishes minimum wage, overtime pay, recordkeeping, and youth employment standards affecting employees in the private sector and in Federal, State, and local governments. Covered non-exempt workers are entitled to the minimum wage; know the law concerning pay for overtime work. Learn about the rights of exempt and non-exempt employees and the classification of independent contractor vs. employee. This is an important issue for cities and RWDs.

Carol Bonebrake

Holbrook and Osborne, P.A.
Topeka, Kansas

Hyatt Ballroom E

Moderator: Janet Stice
City of Atwood

Op. Credit: None

SAILING THROUGH PERSONALITY TYPES – WHAT'S YOUR TYPE?

Are you a Battle Ship, Cruise Ship, Sailboat or Research Vessel? Come see WHY! Clarity is a rarity! Sit back, relax and have fun as conference keynoter Thomas Dismukes digs into the heart and mind of others. Part of the process of determining your type has to do with digging through all of your learned behaviors to see who you really are inside, beyond your own self-image. You'll enjoy this session and you'll discover, we're exactly the same difference!

Thomas Dismukes

StoriesThatTell.com
Johnson City, Tennessee

210 B

Moderator: Donna Wixon
City of Baxter Springs

Op. Credit: None

KPERS PRE-RETIREMENT PLANNING

This pre-retirement session is designed to help people understand their KPERS retirement benefits and assist them with the last steps in applying to retire. Find out when you will meet the age and service requirements to retire, how to calculate the retirement benefit and the payment options that are available. There will also be time for questions and answers after the presentation. This session is a must for anyone involved in KPERS. Don't miss it.

Mel Abbott

Public Employees Retirement System
Topeka, Kansas

209 A

Moderator: David Buehler
City of Ottawa
Op. Credit: WW

SAFETY: PRIORITY NUMBER ONE IN COLLECTION SYSTEM MAINTENANCE

This presentation will discuss the proper ways to clean a collection system. Topics include sewer cleaning safety, proper set up at manholes with combination trucks and other equipment prior to jetting, and proper nozzles to use for different applications. The session will also review the advancements in infrastructure inspections to include the tools available to determine storm or sewer line condition as well as tools to increase efficiency during every job.

Steve Williams, Tom Wyant
Key Equipment & Supply Company
Kansas City, Kansas

209 B

Moderator: Allen Dinkel
City of Neodesha
Op. Credit: W

ROLL-UP-YOUR-SLEEVES WATER USE REPORTING

Bring a copy of your system's last annual Water Use Report sent to the Division of Water Resources (DWR), and your water use reporting questions, for this hands-on session. We'll demonstrate proper water use reporting techniques and use examples of real reports for illustration. Because incomplete reports and confusing data can lead to non-compliance issues, you are encouraged to attend this session to understand proper water use reporting.

Lane Letourneau, Katie Tietsort
Division of Water Resources
Topeka, Kansas

210 C

Moderator: Leland Cable
City of Garden City
Op. Credit: W & WW

VARIABLE FREQUENCY DRIVES – APPLICATIONS AND BENEFITS

Attend this session to learn about the applications and benefits of Variable Frequency Drives (VFDs) for water and wastewater utilities. This session will review the basic drive theory and the components of a VFD. Additional items will include what a VFD can and cannot do, with an example showing the potential energy savings. The session will also explain the differences between a VFD and a Softstart. Your questions are encouraged.

Jim Stone
Letts Van Kirk & Associates
Kansas City, Kansas

203

Moderator: Lynne Ladner
City of Hiawatha
Op. Credit: None

DEVELOPING REGIONAL WATER SYSTEMS – WORKING TOGETHER

With the reductions in state and federal dollars, and where out-migration and an aging population are evident, sometimes it is beneficial to think regionally. Investment needs to be made in ways where it can help the most people. Learn how Kansas agencies are approaching the review of applications for funding and what local communities need to demonstrate if they expect to receive consideration for state or federal funding for improvements.

Debbie Beck
Kansas Department of Commerce
Topeka, Kansas

Hyatt Ballroom D

Moderator: Mike Fulkerson
Leavenworth Cons. RWD 1

Op. Credit: W

BACTERIOLOGICAL AND CHLORINE SAMPLING – DOING IT CORRECTLY

This session will include the proper sampling procedures for public water supply systems. Chlorine residuals monitoring, collection of bacteriological samples, site selection and recordkeeping will be discussed. This session will also review sampling for disinfection byproducts, inorganic, and lead and copper. This session is very beneficial to all persons responsible for water quality monitoring and maintaining the results of the testing.

Greg Taylor

Kansas Dept. of Health & Env.
Chanute, Kansas

Hyatt Ballroom E

Moderator: Mike Todd
City of Scott City

Op. Credit: WW

SANITARY SEWER CONDITION ASSESSMENT – PART 1

This first of a two-part session will inform attendees of the need to collect sewer asset information in a uniform format to provide the most cost effective solution for system rehabilitation. This presentation will include actual findings from various investigation projects. An overview of the manhole condition assessment, defect observations, documentation, and recommendations for rehabilitation will be given.

Mark Calvert, Ron Thomann

TREKK Design Group
Kansas City, Missouri

210 A

Moderator: Ian Martell
City of Eureka

Op. Credit: None

DROUGHTS IN KANSAS – PAST AND PRESENT

Parts of Kansas experienced extreme temperature and precipitation in 2011. Drought conditions are expanding and may impact many public water systems. Learn about drought cycles and their causes. This presentation will also summarize past droughts and compare our current drought with those in the past. Resources that you and your customers need to understand on current conditions will be provided to help administer your water conservation plan.

Mary Knapp

K-State Extension and Research
Manhattan, Kansas

210 B

Moderator: Matt Higgins
City of Elkhart

Op. Credit: W

GROUND WATER AND GEOLOGICAL INFORMATION AT THE KGS

The Kansas Geological Survey's mission is to conduct geological studies and research to collect information leading to a better understanding of Kansas natural resources. The economic value of water and natural resources will be emphasized. This session will detail the information resources available to public water systems such as ground water levels, ground water quality, logs of water wells and water use. Learn about these resources to help your community.

Shane Lyle

Kansas Geological Survey
Lawrence, KS

209 A

Moderator: Pat Campbell
Franklin RWD 4

Op. Credit: W & WW

PREVENTING PIPELINE DAMAGE – KANSAS ONE CALL REQUIREMENTS

All water and wastewater systems in Kansas are required to be members of Kansas One Call. As July 1, 2008 all newly constructed water and wastewater utilities were to be locatable to +/- 24 inches. What are the Tier options and record keeping requirements? Can municipalities opt out of participating in One Call? What about requesting white lining and charging for locates? There will be general audience discussion and case studies of locating issues encountered in the field.

Leo Haynos

Kansas Corporation Commission
Topeka, Kansas

209 B

Moderator: Brian Kingsley
B G Consultants, Inc.

Op. Credit: None

REMEDICATION OF WELLS IMPACTED BY PETROLEUM CONTAMINATION

In 1994 KDHE began treating ground water from public water supply wells that had been impacted by petroleum releases from nearby storage tank facilities. This session will describe the design, installation, operation and maintenance considerations for treatment of PWS wells using granular activated carbon and air stripping treatment methods. Attend this session to learn about the progress of mitigation efforts and the effects on public water systems.

Brandy DeArmond, Brett Traverer

Kansas Dept. of Health & Env.
Topeka, Kansas

210 C

Moderator: Phil Cooper
City of Emporia

Op. Credit: W & WW

TYPES OF TESTING EQUIPMENT FOR CHLORINE AND THEIR REAGENTS

This presentation will discuss the proper analytical techniques for the analysis of chlorine in water. Analytical technologies covered in the session will be colorimetry and testing parameters associated with chlorine analysis. This session will also include discussion on chlorine analyzers and the need for proper calibration. The importance of proper reagent selection will be discussed for analyzing chlorine samples. Bring your chlorine testing questions.

Brian Bailey

Hach Controls
Shawnee, Kansas

203

Moderator: Brenda Adkins
Jackson RWD 3

Op. Credit: None

FUTURE SERVICES FOR A CHANGING KANSAS POPULATION

Utilities face challenges in providing quality services in the next ten years and beyond. High capital investments with declining or a changing user-base will impact many systems. Other than water rate increases, what new services may be offered or alliances formed? How will water purchase or sale agreements be structured to assure reasonable service? Learn about the value of participating with regional and local organizations and agencies.

Dorman Otte

DAO Consulting
West Des Moines, Iowa

EXHIBITS ARE A MAJOR PART OF THIS CONFERENCE!



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 28 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** near the Cyber Café in EXPO Hall.

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.

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260	261	262
275	276	277
290	291	292

**"WATERINGHOLE"
CYBER CAFÉ**

Hospitality Area

**Bagels, Muffins,
Cookies, Coffee,
and more . . .**

**Thursday Morning
Breakfast**

Hyatt Ballroom D

Moderator: Mike Schnieders
Water Systems Engineering

Op. Credit: W

FBI RESOURCES AND RESPONSE CAPABILITIES

Increased attention has been placed on targeting agricultural, food and water supplies for intentional acts of terrorism and criminal activity. Water systems have been designated as critical to national security, as they are also vital to other public services including fire suppression and power generation. This session will discuss intelligence regarding potential acts of terrorism and/or criminal activity, possible indicators of suspicious activities, and FBI resources available to stakeholders.

Karin L. Jarman

Federal Bureau of Investigation
Kansas City, Missouri

210 A

Moderator: Laurie Trautwein
Saline RWD 7

Op. Credit: None

CUSTOMER SATISFACTION: THE KEY INGREDIENT IN CUSTOMER RELATIONS

Customer service often focuses on "How To Do It" rather than "How Did We Do?" Take the guess-work out of your efforts. This presentation provides not only key ingredients for good customer relations with focus on customer satisfaction. Learn how one utility measures its effectiveness by conducting quarterly satisfaction surveys. Learn how customer feedback can help shape your public relations programs, make your elected officials proud, and result in customer service that shines.

Eileen Koutelas

WaterOne
Lenexa, Kansas

Hyatt Ballroom E

Moderator: Mike Gilliland
City of Osage City

Op. Credit: WW

SANITARY SEWER CONDITION ASSESSMENT – PART 2

As with the Manhole Assessment and Certification Program (MACP), the NASSCO Pipeline Assessment and Certification Program (PACP) will be briefly discussed. PACP is designed to standardize the inspection of pipelines to properly identify, plan, prioritize, manage, and renovate underground pipelines. Standard inspection protocols developed by NASSCO will be discussed. Discussion will also focus on lateral investigation and rehabilitation efforts.

Mark Calvert, Ron Thomann

TREKK Design Group
Kansas City, Missouri

210 B

Moderator: Jerry Bennett
Miami RWD 2

Op. Credit: W

ZEBRA MUSSELS – THEIR IMPACT AS THEY THRIVE IN KANSAS WATERS

Many Kansas reservoirs and rivers have been infested by non-native zebra mussels. The long-term impact of these creatures on treatment processes and infrastructure, water quality and aquatic ecology is being studied and reported by researchers. Dr. Dzialowski has been studying invasive aquatic species for more than fifteen years; he will explain what your surface water system will experience if becomes infested by zebra mussels. What are the potential treatment methods?

Dr. Andrew Dzialowski

Oklahoma State University
Stillwater, Oklahoma

209 A

Moderator: Dennis Smith
City of De Soto

Op. Credit: W

AUTOMATED METER READING – THE NEXT GENERATION

This session on automated meter reading (AMR) focuses on all AMR approaches, including all existing and a new satellite-based technology. AMR provides reduced operational costs, improved data accuracy, improved cash flow budgeting and improved customer service/public relations. The satellite-based technology provides additional unique advantages working in conjunction with existing AMR units. This new technology enhances existing AMR approaches.

Angelo Polsinelli

Informational Data Technologies (IDT)
Watertown, South Dakota

210 C

Moderator: Darrell Schlabach
Washington RWD 1

Op. Credit: W & WW

TABLET DISINFECTION – CHLORINATION ALTERNATIVES

Assess the advantages and disadvantages of four common chlorination technologies available to the water industry. Be able to obtain and use a simple computer model to assess the relative economics of each technology in their water system. The presentation will compare all four commonly used chlorination methods. The session will make available an economic assessment model that allows the utility to perform an economic comparison of these four technologies.

Don Iwanski

PPG Industries
Escondido, California

209 B

Moderator: James Duvall
City of Kiowa

Op. Credit: W & WW

KRWA E-TRAIN – OPPORTUNITIES TO ACQUIRE SAFETY TRAINING & MORE

This session provides information about KRWA's new E-Train program. Online training allows employees to learn without needing to leave the workplace. And it allows the employee to learn at his or her own pace. This new training venue is based on interactive video. Each user has a unique registration to help ensure that the training is taken within timeframes. Progress is tracked and scores are recorded. Attend this session to learn how efficient E-Train is.

Katie Miller

Kansas Rural Water Association
Manhattan, Kansas

203

Moderator: Dennis Schwartz
Shawnee RWD 8

Op. Credit: None

KEEPING YOUR SYSTEM FINANCIALLY FIT; HOW TO SET WATER RATES

Setting a proper water rate is important for the financial sustainability of any municipality or rural water district. Is it an art, science or is the decision based on what the neighbors charge? This sessions reviews the variety of approaches to setting rates. Attend this session to learn what makes a "good" rate, the types of rate structures, the important steps to take when setting a new rate, and what outside assistance is available to help set a proper rate and maintain the future stability of your system.

Angela Buzard

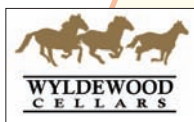
WSU-Environmental Finance Center
Wichita, Kansas

SPOUSE PROGRAM

Wednesday, March 28, Depart Century II at 1:30 p.m.

Spouses who register and request a ticket on the registration form will be treated to an afternoon of fun. They will depart by coach bus immediately after the noon luncheon on Wednesday to Wyldewood Cellars winery in nearby Mulvane, KS and then a special dessert treat at the fabulous Luciano's Italian restaurant in Mulvane.

ABOUT WYLDEWOOD CELLARS . . .



Wyldewood Cellars winery began in December 1994, by the brother and sister team of John and Merry Brewer. The original site of the Kansas Elderberry winery was in a turn-of-the-century building in the middle of Mulvane, Kansas. The original elderberry wine list consisted of four sweetness levels of elderberry wine. Over time they added Elderberry Dry Reserve Wine, Spiced Elderberry Wine, Blackberry Wine, Elderberry-Blackberry Wine, Sand Plum Wine and Apple Wine.

Beginning in November 1999, Wyldewood Cellars opened their current location near Mulvane. Wyldewood Cellars now produces more than 40 different types of Kansas wine. What began as a small Elderberry winery has blossomed into an internationally recognized and awarded winery. Since their beginning, they have won more than 400 international awards for their elderberry and grape wines, and other Kansas wines. Wyldewood Cellar's Spiced Elderberry Wine was featured and served at the 2002 Winter Olympics in Utah, and was awarded the Best Non-Grape Wine in North and Latin America, among many other gold medals. As a family owned and operated business, Wyldewood Cellars is very proud of their accomplishments.

LUCIANO'S ITALIAN RESTAURANT . . .

KRWA will treat the spouses to a fabulous dessert and drink following the tour of Wyldewood Cellars.



Luciano Mottola was born in Italy and grew up in Viareggio with his six brothers and sisters. After meeting the love of his life, he made the decision to follow her back to the USA in 2003. While traveling to places in Colorado, Montana, Kansas and California, Luciano selected Mulvane as his place to begin again. The wheat fields and sunflowers reminded him of his home in Tuscany – a place where value is based on quality instead of quantity and simple beauty and elegance are a part of everyday life. Today, Luciano's Restaurant features authentic Italian cuisine.

AWARDS & ENTERTAINMENT

Wednesday evening, March 28

5:00 Social in EXPO Hall

6:30 Banquet Hall opens

Awards Presentations, Entertainment

CINDY SUMMERS – ONE VOICE

Cindy Summers first played the role of Patsy Cline at Cabaret Oldtown in Wichita in 1996. From there, she performed for two and one-half years at the Denver Center of Performing Arts, then to Fort Worth Bass Hall and then on to Connecticut and North Carolina. The show is entitled "One Voice" – a musical tribute to country music artist Patsy Cline, lead singer of the soft-rock duo Karen Carpenter, and star of stage, screen, radio and TV Judy Garland. This 25 song-filled show wraps around stories of personal history alongside interesting and humorous tidbits of the times.



You'll tap your toes with Patsy Cline's *Walking After Midnight* and swoon to her biggest hit *Crazy*. Recall memories of the 70's when you hear *Close To You*. Who can resist joining in with the Carpenter's big hit *Sing*? Audiences across the U.S. have taken this walk down memory lane. This show comes with your ticket to the Awards Banquet at the 2012 KRWA conference.

GRAND PRIZES

The 2012 conference will again feature beautifully crafted, pieced quilts as door prizes. The designs are: *Eventide*, *Labrynth*, *Rolling Prairie* and *Thirties Stars*. All quilts were pieced by Kathleen Ronnebaum; all are machine quilted. The quilts are queen or king size. One will be given away at the Wednesday evening banquet; another will be a prize in the WaterPac Raffle and two will be drawn for at the Thursday luncheon.



CONCURRENT SESSIONS

Hyatt Ballroom D

Moderator: Dan Hoobler
Pottawatomie RWD 4
Op. Credit: W & WW

OPERATION AND MAINTENANCE OF PUMPS IN PUBLIC WATER SYSTEMS

To provide a continuous safe water supply service calls for ample and reliable water sources, adequate capacity for treatment, transmission, and distribution, as well as properly functioning pumps. Pumps wearing out prematurely because proper maintenance was not performed. This session reviews what is needed to prevent pump failure due to lack of maintenance. The session also discusses pump start up failures, failed control systems and rotating component failures.

Mike Douglas

Douglas Pump Service
Overland Park, Kansas

210 A

Moderator: John Provorse
Butler RWD 4
Op. Credit: W

INPUT FOR UPDATING THE KANSAS WATER PLAN: THE FIVE-YEAR REVIEW

A five-year update of the Kansas Water Plan will soon be underway. What kinds of issues are local communities experiencing? Are they concerning infrastructure, supply or water quality? What improvements would you like to see? What obstacles have you encountered? This open session will solicit ideas as we pick our brains to get to relevant issues that the state should be addressing to ensure that the Kansas Water Plan works for everyone in Kansas.

Margaret Fast

Kansas Water Office
Topeka, Kansas

Hyatt Ballroom E

Moderator: Chuck Shively
City of Coffeyville
Op. Credit: W

THE DEAD END DANGER ZONE – KEEPING THE WATER FRESH

The Dead End Danger Zone refers to the dead end water lines in distribution systems. This session will provide information on maintaining fresh potable water throughout the distribution system, including dead ends. Periodic or regular flushing replaces the water that may be of lower quality. It can also remove debris and deposits. Dead end lines can be flushed manually or automatically. This session reviews the pros and cons of each to maintain good residuals.

John Daugherty

Utility Solutions Associates, LLC
Olathe, Kansas

210 B

Moderator: Mike Schultz
City of Brewster
Op. Credit: W

KANSAS GROUND WATER – STRAIGHT UP FROM THE ROCKS!

Ground water is the principal source for more than 600 public water supply systems and most domestic systems in Kansas. Approximately 60 percent of Kansans consume ground water. Understanding the limits and conditions of an aquifer is critical to system and well-field design. Water well fundamentals will be discussed to provide a better understanding of existing wells and future wells that may need to be constructed.

Ned Marks

Terrane Resources
Stafford, Kansas

209 A

Moderator: Wayne Landwehr
Montgomery RWD 12, PWWS D 4
Op. Credit: W & WW

GIS / GPS MAPPING – AN EVER-CHANGING TECHNOLOGY

Cities and rural water districts in Kansas are continuing to develop more complete use of GPS mapping and geographic information systems. This session provides a review of GPS data collection and the development of a basic Geographic Information System. Know what information is available without cost. See the differences between scanned “as-built” maps and maps created based on GPS data. Learn about the potential for future online mapping.

Pete Koenig

Kansas Rural Water Association
Seneca, Kansas

209 B

Moderator: John Harrenstein
City of Eudora
Op. Credit: None

KANSAS BROWNFIELDS – RECYCLING PROPERTY FOR UTILITY USE

Brownfields are properties which may be complicated by the presence or potential presence of a contaminant. Cities or water districts may find it necessary to acquire or reuse a property for water or waste-water projects. Exercising diligence in advance can pay huge dividends with respect to environmental liabilities. The Brownfields Program helps to evaluate potential environmental issues that could complicate redevelopment or reuse objectives.

Ryan Weiser, P.G.

Kansas Dept. of Health & Env.
Topeka, Kansas

210 C

Moderator: Heath Horyna
Kansas Dept. of Health & Env.
Op. Credit: WW

WASTEWATER OPERATOR FORUM – REFRESHER COURSE

This session will be helpful to operators who plan to take the KDHE wastewater certification exam. This session is not a comprehensive preparation course, but is a review for the examination. The information will cover operator expectations, examination concepts, basic math problems and a review of basic utility operations. Attendance at this session will be very helpful to those taking the certification exam. The exam will be given at 1:30 p.m. in Hyatt Ballroom E.

Marsha Carpenter

Kansas Dept. of Health & Env.
Salina, Kansas

203

Moderator: Tammy Pence
Wabaunsee RWD 2
Op. Credit: None

COMMUNICATION AND CUSTOMER SERVICE – CLARITY IS ESSENTIAL!

Listening is a shortcut to learning. Understanding what you're hearing can improve your functionality. On the other hand, stating your message the way you intend it to be heard is the other side of the same coin. Using a sports psychology technique, we'll learn how to conduct an efficient interview to elicit concise responses for almost any situation. The presentation ends with a hilarious example of what happens if the feedback cycle is broken!

Jen Sharp

jensharp.com
Ottawa, Kansas

Hyatt Ballroom D

Moderator: John Kaufman
Leavenworth Water Department

Op. Credit: W

MAINTENANCE AND REPAIR OF WATER STORAGE TANKS

A water storage tank is expensive to construct and maintain. The tank owner may not have the specialized expertise required to determine repairs and coatings. Maintenance contracts can fail to sufficiently outline performance standards. This session reviews appropriate evaluation and maintenance practices for water tanks. The contractor may not tell the tank owner what procedures and standards to follow. Learn how to contract for services so cost effective maintenance is provided.

Willis Wilson

Aqua Tech Engineering Consultants
Augusta, Kansas

Hyatt Ballroom E

Moderator: Mike Matthews
City of Atchison

Op. Credit: WW

PIPELINE REPLACEMENT – THE PIPE REAMING PROCESS

The patented InneReam® process, occasioned by the incorporation of equipment common to Horizontal Directional Drilling (HDD), complements that segment of the utility industry by creating an additional profit center for the contractor/installer and a price competitive problem solver for an owner where “excavation” is a four-letter word. Pipe-bursting should be of interest to cities and RWDs needing to replace sewer or water lines without open cutting.

Mike Mason

Nowak Pipe Reaming, Inc.
Goddard, Kansas

210 A

Moderator: Amy Shoemaker
Franklin RWD 1

Op. Credit: None

TURNING YOUR SURPLUS EQUIPMENT INTO CASH

Many rural water districts and cities have surplus equipment and items just sitting around collecting dust – or even worse, rusting. This session will provide information to attendees on understanding surplus and turning it into cash for your utility. The presentation will emphasize how to sell surplus effectively as well as realizing cost replacement opportunities. Knowing what to do before you sell any item or equipment can potentially generate significant revenue for your utility.

Carol Wollard; Carson McCord

GovDeals, Inc.
Montgomery, Alabama

210 B

Moderator: Chris Frack
City of Norton

Op. Credit: W

TASTE AND ODOR ISSUES RELATED TO SEDIMENTATION

Land and soil types where surface water impoundments are placed inevitably lead to sedimentation which is steadily filling these impoundments, resulting in loss of water resources within one hundred years of construction. Many impoundments will require costly and time-consuming restoration or replacement, if they are not to be simply abandoned. Attend this session to learn what actions will be required from the societies that depend on these water resources.

Dr. Jerry deNoyelles

Kansas Biological Survey
Lawrence, Kansas

209 A

Moderator: Paul Strathman
Nemaha RWD 3

Op. Credit: W & WW

KANSASRESPONDER.COM – NEW PORTAL FOR EMERGENCY SERVICES

The Kansas Division of Emergency Management (KDEM), in partnership with the Kansas Homeland Security, has developed and launched a new comprehensive resource management tool. This tool will allow county emergency managers and emergency response agencies the ability to credential personnel, provide information on availability of assets and personnel during an emergency, the ability to track those assets on scene, and complete incident visibility via the Internet.

Richelle “Rikki” Stewart

KS Div. of Emergency Management
Topeka, Kansas

209 B

Moderator: Fred Washburn
City of Hoxie

Op. Credit: W

THE DECLINE OF THE OGALLALA AQUIFER WATER LEVELS

It is generally accepted that excessive pumping is depleting the Ogallala-High Plains aquifer. While annual water level measurements provide a snapshot of the water levels in the aquifer and any change since the previous measurement, continuously recording index wells are providing much more information regarding the aquifer’s response to seasonal pumping. Listen to this presentation to better understand the challenges we face managing the Ogallala Aquifer.

Dr. Randy Stotler

Kansas Geological Survey
Lawrence, Kansas

210 C

Moderator: Zachary Phillips
Kansas Dept. of Health and Env.

Op. Credit: W

WATER OPERATOR FORUM, REFERESHER COURSE

Attendance at this session is strongly recommended for those who plan to take the KDHE water operator certification examination. This session is not a comprehensive preparation for the exam but will be a good review. Topics to be covered include operator expectations, examination concepts, basic math problems and water utility operations. Those taking the water operator’s exam are encouraged to attend. The exam will be conducted at 1:30 p.m. in Hyatt Ballroom E.

Marsha Carpenter

Kansas Dept. of Health & Env.
Salina, Kansas

203

Moderator: Frank Owens
Cowley RWD 2

Op. Credit: None

METH LABS: KNOW HOW TO IDENTIFY THE DANGERS

Rural communities have been popular locations for people who illicitly produce the illegal drug methamphetamine. Many of the chemicals used to make this drug are toxic; the byproducts are extremely dangerous. This session provides a description of the process, what is used in the process, how they can affect the human body and what to do if you encounter materials. The byproducts left behind are extremely dangerous.

Cory Nation; Jeremy Newman

Cowley County Drug Task Force
Winfield, Kansas

EXHIBITORS

Thank You . . .

To all exhibitors and sponsors who help make the KRWA conference & exhibition among the best. A final EXPO Hall Floor Plan with booth designations will be included in each registration packet to be picked up at the conference. Also listings of exhibitors and the floor plan will be posted throughout EXPO Hall.

A E Analytical Laboratory

Wichita, Kansas

A. Y. McDonald Manufacturing

Ponca City, Oklahoma

Ace Pipe Cleaning

Kansas City, Missouri

Adaptor, Inc.

West Allis, Wisconsin

Advance Chemical Solutions

Tulsa, Oklahoma

Alexander Pump & Services

St. Marys, Kansas

Allgeier, Martin Consulting Engineers

Joplin, Missouri

Alliance Pump & Mechanical Service

Independence, Missouri

Anderson Peck Agency

Topeka, Kansas

Aqua Tech Engineering Consultants

Augusta, Kansas

ASC Pumping Equipment

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AVT - Mueller Co.

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Wichita, Kansas

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Hajoca Corporation

Wichita, Kansas

Hawkins Water Treatment Group

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Haynes Equipment Company

Olathe, Kansas

HD Supply Waterworks

Wichita, Kansas

HOA Solutions, Inc.

Lincoln, Nebraska

IAPMO

Hoyt, Kansas

IET Consulting

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Iola, Kansas

JCI Industries

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JCM Industries

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Topeka, Kansas

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Lawrence, Kansas

Kansas One Call System

Wichita, Kansas

Kansas Rural Water Association

Seneca, Kansas

Kansas Rural Water Finance Authority

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Miller & Associates, Consulting Engineers, P.C.

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Wichita, Kansas

Mueller Co.

Chattanooga, Tennessee

Municipal Pipe Services

Hastings, Nebraska

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Lincoln, Nebraska

Nowak Construction Company

Goddard, Kansas

Nutri-Ject Systems

Hudson, Iowa

Olathe Winwater Works Company

Olathe, Kansas

Olsson Associates

Manhattan, Kansas

Parker Hannifin Corporation

Rowlett, Texas

Paving Maintenance Supply

Wichita, Kansas

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Tuf-Tite

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United Midwest

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USA Tank

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USDA Rural Development

Topeka, Kansas

Utility Maintenance Contractors

Wichita, Kansas

Utility Service Co.

Perry, Georgia

Utility Solutions Associates

Olathe, Kansas

Vermeer Great Plains

Goddard, Kansas

Water Products

McPherson, Kansas

Watertower Maintenance / Water Tank Inspection

Joplin, Missouri

WaterWise Enterprises

Wichita, Kansas

Wheatland Contracting, LLC

Effingham, Kansas

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Wichita, Kansas

Wichita Winwater Works Company

Wichita, Kansas

Wilson & Company, Inc.

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Marion, Ohio

SPONSORS

Thank You . . .

The following exhibitors have also contributed to offset the cost of hospitality or social events (as of December 15, 2011).

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Ace Pipe Cleaning

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Dynotek

Arvada, Colorado

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Olathe, Kansas

PowerGrit - ICS, Blount Inc.

Portland, Oregon

Preload, Inc.

Garland, Texas

Sidener Environmental Services

St. Louis, Missouri

Smith-Blair

Raymore, Missouri

CERTIFICATION EXAMS

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

Thursday, March 29, 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 15). For an exam application, please call KDHE at 785/296-5511 or print an application from KDHE's Web site www.kdhe.state.ks.us/water/www.html. Check under related links. The application can be faxed to KDHE at 785/296-0086, following up with the original application and the exam fee in the mail.

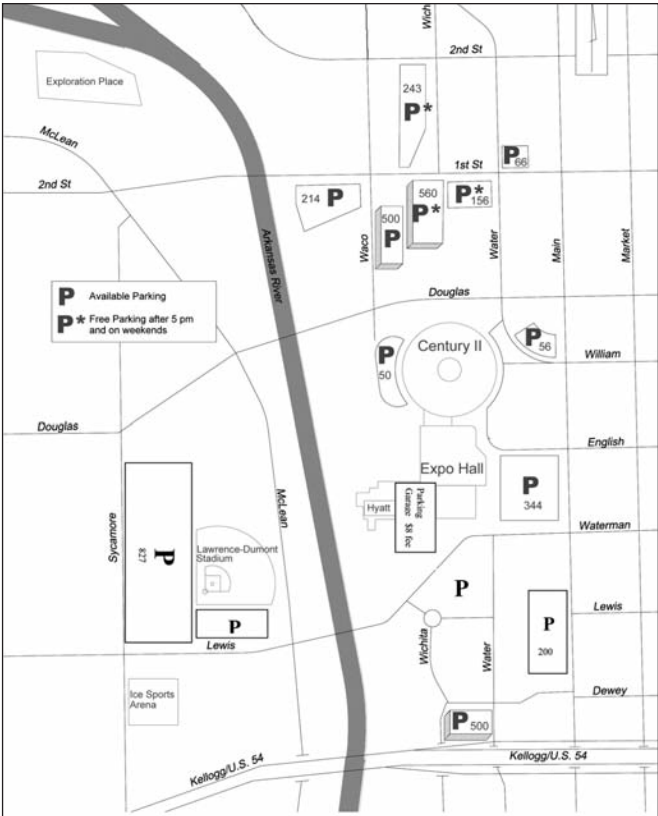
CELL PHONE ETIQUETTE – RESPECT FOR OTHERS

A cell phone is a great convenience. KRWA requests that when attending the general session, the concurrent training sessions, noon luncheon or other events during the conference, **cell phones should be set to not ring**. It is a matter of courtesy to the presenter and those seated next to you to not be bothered by someone else's phone. No one wishes to be distracted because of a ringing cell phone or anyone taking a call when in a group. If you receive a call, please depart the room and return the call.

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 29. Delegate forms were mailed to all voting members on January 2, 2012. Check with your city or RWD's office to ensure that your voting delegate is registered.

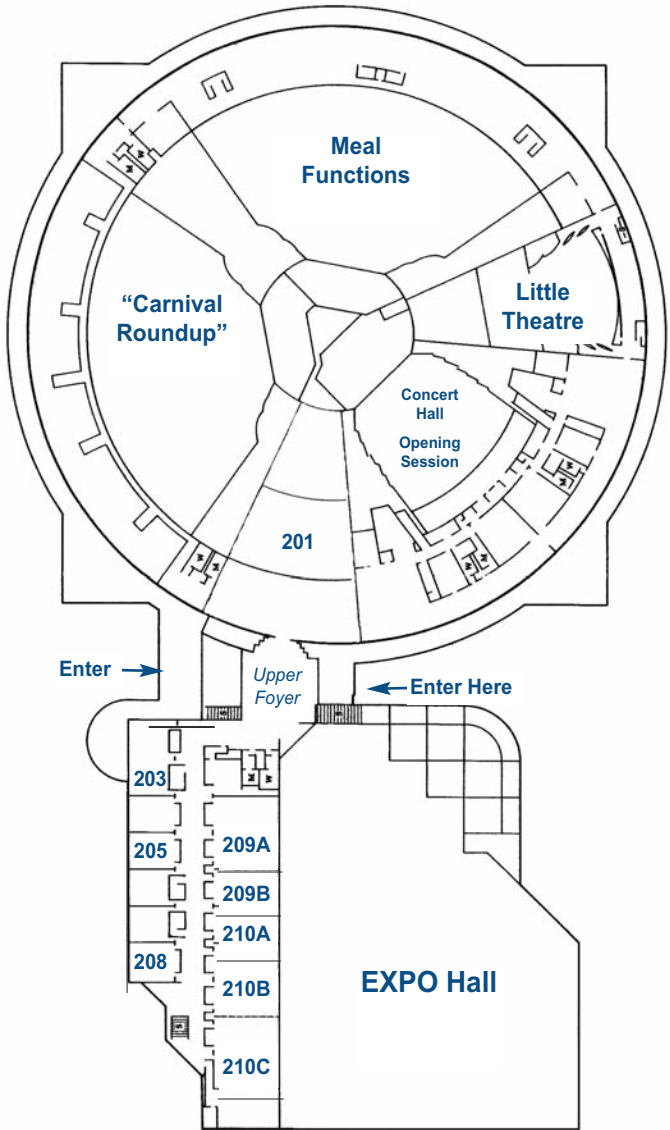
CENTURY II PARKING



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.

ACCOMMODATIONS

Make sure you request the KRWA block. Rooms fill fast. Taxes are in addition to stated rates. KRWA has confirmed blocks at the following hotels. Links to hotel websites, where available, are in [blue](#).

Best Western Airport Inn, 6815 W. Kellogg; Ph. 888/942-5666. Free breakfast; comp shuttle to Century II. \$77.99 flat

Best Western Eastgate Inn & Suites, 8300 E. Kellogg; Ph. 316/682-3000. Free breakfast; new hotel in 2009; Single or Double \$85; Suite \$95

Best Western Governors Inn & Suites, 4742 S. Emporia, Ph. 866/522-0775 or 316/522-0775; comp. deluxe hot breakfast; King \$69; Double \$69; Suite \$79

Clarion Inn and Suites, 5805 W. Kellogg; Ph. 316/942-7911. Full hot buffet breakfast; comp shuttle to Century II; \$74 flat

Comfort Suites, 7515 West Taft St.; Ph. 316/773-1700; comp. Breakfast bar; \$104 flat

Courtyard by Marriott (in OldTown), 820 E. 2nd Street North; Ph. 316-264-5300; \$144 Flat; new hotel in 2007

CrestHill Suites Hotel Company, 12111 E. Central Avenue; Ph. 888/723-1655 or 316/689-8000; comp. deluxe continental breakfast; studio or one bedroom w/king bed \$85

Drury Plaza Hotel Broadview, 400 W. Douglas; Ph. 316/262-5000; Newly renovated; Free hot comp. breakfast; free 5:30 Kickback; \$8.00 daily parking fee; Single or Double \$12

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. \$104 flat

The Guest House (formerly Clubhouse Inn & Suites), 515 S. Webb Road; Ph. 316/684-1111; comp. breakfast buffet, \$65 flat

Hampton Inn, 3800 W. Kellogg; Ph. 316/945-4100; comp. airport shuttle and deluxe hot breakfast bar; reservation code CHXKSW; \$109 flat

Holiday Inn, 221 E. Kellogg; within walking distance to Century II, comp. shuttle to Century II and airport; Ph. 316/269-2090; \$89 flat

Holiday Inn Select, 549 S. Rock Road; Ph. 888/558-5113 or 316/681-5083, for king or double, (one to four persons); \$90 flat

Hotel at Old Town, 830 E. First, complimentary parking garage; complimentary hot buffet breakfast; Ph. 316/267-4800; \$127 Queen; \$137 King

Hotel at Waterwalk (formerly Cambridge Suites), 711 South Main, downtown Wichita; Ph. 316/263-1061, \$119 King Suite; \$109 Double Suite; \$109 One Bedroom Suite; \$149 Two Bedroom Loft Suite

Hyatt Regency, attached to Century II, complimentary parking garage; Ph. 316/293-1234; \$125 single, \$124 double. **SOLD OUT AS OF 4/1/11.**

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

LaQuinta, 7335 E. Kellogg; Ph. 316/685-1281; complimentary continental breakfast; \$80 flat

Wichita Fairfield Inn, by Marriott, by Marriott; 333 S. Webb Road; Ph. 316/685-3777; comp. continental breakfast; \$84 flat

REGISTRATION FORM

45TH ANNUAL WATER & WASTEWATER CONFERENCE & EXHIBITION

Tuesday, Wednesday, Thursday, March 27 - 29

Century II Convention Center, Wichita, Kansas

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

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, 3/27 Wednesday, 3/28 Thursday, 3/29

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 prior to March 15\$135 \$ _____

Registration Fee after March 15\$160 \$ _____

Note: Registration fee does not include golf, or meal tickets. Tickets to the Tuesday evening Carnival Roundup are \$10. Spouses also pay registration fee and for any meal tickets. A spouse program will depart Century II at 1:30 on Wednesday, 3/28, for Wyldewood Cellars Winery in Mulvane. Bus transportation is provided without additional cost. However, only those who indicate their intention to attend will be allowed to board the buses. Reserve ticket below.

Golf Tourney, 3/27, 8:30 a.m. (pay KRWA)\$75 \$ _____

Tuesday, 3/27 Luncheon Ticket\$10 \$ _____

Tuesday evening, Carnival Roundup.....\$10 \$ _____

Wednesday, 3/28 Luncheon Ticket\$10 \$ _____

Wednesday, Spouse Bus Ticket to Mulvane Yes No

Wednesday Awards Banquet & Show\$25 \$ _____

Thursday, 3/29 Breakfast (by Chris Cakes)\$ 5 \$ _____

Thursday, 3/29 Luncheon Ticket\$10 \$ _____

(Please indicate payment method)

Total: \$ _____

Payment Enclosed:

Bill Me:

Credit Card:

PRECONFERENCE SELECTION

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

Check one session only for Tuesday

- Wastewater Collection And Treatment For Small Systems (p. 8)
- Water Distribution Systems – Pipes, Valves and Hydrants (p. 9)
- KanCap: Improving The Management Of Kansas Water Systems (p. 10)
- Resolving Disputes In A Neighborly Way (p. 11)
- Chlorination: Operation, Maintenance And Safety (p. 12)
- Mixing It Up With City Clerks (p. 13)
- Smooth Operations For RWD Offices (p. 14)
- Apply Safe Work Practices In The Workplace (p. 15)
- Basic Water System Operation – The Essential Need To Know (p. 16)
- Activated Sludge – From Process To Troubleshooting (p. 17)

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.

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City Clerks check for MMC or CMC Credit:

Name: _____

Represents: _____

Title: _____


Address: _____

City, State: _____

Zip: _____ Phone: _____ / _____ - _____

Indicate which days you plan to attend:

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