



Kentucky Rural Water Association

Helping water and wastewater utilities help themselves

June 11, 2015

RECEIVED

JUN 16 2015

PUBLIC SERVICE
COMMISSION

Mr. Jeff Derouen, Executive Director
Kentucky Public Service Commission
P. O. Box 615
Frankfort, KY 40602-0615

Dear Mr. Derouen:

Kentucky Rural Water Association will host its 36th Annual Conference and Exhibition, **Every Connection Counts**, at the Hyatt Regency Hotel and Lexington Convention Center in Lexington, Kentucky, on August 24-26, 2015. We respectfully request that this training be approved for Commissioners as referenced in regulation 807 KAR 5:070.

Please find enclosed a training summary/timed agenda which includes a description of each session and speaker information. An "Application for Approval of Courses for Continuing Education Credit" has been submitted to the Kentucky Board of Certification of Water Treatment & Distribution System Operators and the Kentucky Board of Certification of Wastewater System Operators. A copy of the application is included.

With this letter and enclosures, Kentucky Rural Water Association requests the approval of a maximum of twelve (12) hours of continuing education credit for Water District Commissioners. If additional information is needed, please do not hesitate to contact our office.

Sincerely,

Janet Cole
Education Coordinator
j.cole@krwa.org

Enclosures
(Original and 10 copies)

Kentucky Rural Water Association's
36th Annual Technical Conference and Exhibition – *Every Connection Counts!*
August 24 –26, 2015
Hyatt Regency Hotel and Lexington Convention Center-- Lexington, KY

Learning Objective: This 3-day Annual Conference will be directed toward the operators, managers, office personnel, and decision-makers of water and wastewater utilities in Kentucky. The expertise of peers, technical assistance providers, industry professionals, and government agencies will help utilities find solutions for some of the challenges affecting our industry.

Day One – Monday, August 24, 2015 8:30 a.m. – 4:20 p.m. **Water & Wastewater Training**

Session #1 ***Excelling Through Change*** **DW / WW** (1 hr.)
 8:30-9:30 a.m. **Robert Mohon, The Neil Group**

Today's world for water and wastewater utilities means change - new technology, less benefits, more rules - and change can be scary. This discussion of the Change Cycle will help you shape staff attitudes (and your own) to make changes more acceptable. This presentation you will cover the stages of change, keeping track of personnel during the Change Cycle, and ways to make change beneficial.

Session #2 ***From the Ditch to the Desk*** **DW / WW** (1 hr.)
 9:40-10:40 a.m. **Donna McNeil, Kentucky Rural Water Association**

A small utility replaces its only clerk. An operator is promoted to manager. The new clerk has office experience but has no experience working for a water or wastewater utility. The operator can run a water plant, but has never worked in the office. Understanding all of the requirements to effectively run a utility can be nearly impossible for one person. This session will introduce the basics of running a water and wastewater utility and will outline a new program to guide utility personnel from the ditch to the desk.

Session #3 ***Perceptonal Differences between Utilities and Customers*** **DW / WW** (1 hr.)
 10:50-11:50 a.m. **Vince Guenthner, Senior Utiltities Consultant, Homeserve USA**

Today's utilities face growing budgetary and aging infrastructure challenges. Combined with the mission to deliver increased customer satisfaction, it has become imperative for them to know, not just believe they know, their customers' needs and perceptions. This session will exam the results of a just-completed independent study which highlights five of the biggest similarities - and differences - in perceptions between utilities and their customers. The study results and conclusions offer insights and solutions that can help increase customer service and satisfaction.

11:50 a.m.-1:00 p.m. **LUNCH**

Session #4 ***Cost Justified Infrastructure Solutions for Water & Wastewater Utilities: Energy Savings Performance Contracting*** **DW / WW** (1 hr.)
Greg Copley and Candy Hammond, UK Center for Applied Energy Research, and Harry Carver, Office of State Grants, Department for Local Government

Many utilities are challenged with the competing pressures of budgets & satisfying their customer base. A common concern throughout Kentucky for water and wastewater utilities is rising energy costs, notably electricity. This session will discuss the legal, technical, financial, and strategic benefits of Energy Savings Performance Contracting (ESPC). ESPC is an established, innovative financing strategy in Kentucky that has been successfully utilized by many state agencies, universities, and school districts to cost justify capital improvements without impacting tax rates. The key component of the transaction is to use guaranteed cost savings from reduced energy consumption & operational costs to repay the cost of installing energy conservation measures. Normally, offered by ESCOs, this technique allows water & wastewater utilities to achieve savings without up-front capital expenses. The costs of the improvements are borne by the ESCO & paid back out of the guaranteed savings. Other advantages include the ability to use a single contractor to do necessary energy audits, design/build the improvements, & to guarantee the financial performance of the entire effort.

Session #5 ***What Does Optimization Mean to You?*** **DW / WW** (1 hr.)
 2:10-3:10 p.m. **Shayna Lawrence and Ted Simmons, Hach Co.**

The current "buzz" word in most treatment facilities and engineering offices is optimization. There are multiple ways to optimize a process or system, but they are all dependent on your point-of-view. Operators want to see fewer maintenance issues, managers need efficient processes to guarantee compliance, while administrators have to watch the bottom line. This presentation reviews optimization ideas across drinking water disinfection, distribution testing, water quality calls, nutrient removal, sludge handling, aeration optimization, maintenance and data management and many others.

Session #6 ***Developing and Updating Standard Operating Procedures*** **DW / WW** (1hr.)
 3:20-4:20 p.m. **Bob Cashion, S4 Water Sales and Service**

The effectiveness of training new and existing employees can greatly be enhanced utilizing Standard Operating Procedures (SOPs). The ability to optimize operations and maintenance, streamline consistency and provide additional management potential are strong benefits of utilizing SOP's. All utilities can benefit from the use or creation of SOP's. This presentation will look at the creation,

modification and utilization of SOPs to improve overall effectiveness of operations and maintenance. Templates and case histories will be utilized to show how SOPs can improve your system.

Day Two – Tuesday, August 25, 2015

1:30-4:50 p.m.

General Session

Session #7

You Are Your Body's Keeper

DW / WW

(1 hr.)

1:30-2:30 p.m.

Skip Worth, Keynote Speaker

It's no secret that managing a drinking water or wastewater utility can be stressful. But one does not have to be a manager to experience stress. Operators often find themselves working under very stressful conditions. Stress in any form, whether personal or work related, can hurt the ability of a utility to perform its duties. This session is designed to give managers and operators tools to recognize stress in themselves and their fellow employees, tools to help cope with and manage the stress, and ways to prevent stress from becoming an issue.

Session #8

Cyber Security for Water and Wastewater Utilities: A Case Study

DW / WW

(1 hr.)

2:40-3:40 p.m.

**John Dix, General Manager and B.J. Malone, IT/GIS Systems Supervisor
Warren Co. Water District**

Water and wastewater utilities are becoming more and more reliant on computers for their daily operations. Computers are used for SCADA and compliance data, their customers billing information, and their customers and employees personal information. Computers have become a part of regular life for utilities. However, water and wastewater utility professionals are not Cyber Security experts and the security of their digital information has become a large concern. This session will cover a case study from Warren County Water District detailing the findings of a cyber-security study conducted by an outside source. The session will discuss what was found and changes made to their cyber security procedures.

Session #9

The Acquisition of Elizabethtown Water by Hardin Co. Water District #2

DW / WW

(1 hr.)

3:50-4:50 p.m.

Mike Bell, Chairman, and James Jeffries, General Manager, Hardin Co. Water District #2

Mergers between utilities may be an often discussed topic, but are happening less frequently and usually involve several small utilities or one large and one small utility. The merger between Hardin County Water District #2 and Elizabethtown Water is unique given the size of the two utilities involved. This session will cover the various challenges faced by the two utilities during their merger not only with contracts, financing, and rates, but also with public relations for the customers of both utilities.

Day Three – Wednesday, August 26, 2015

8:30-11:50 a.m.

Concurrent Sessions

Concurrent A

Thoroughbred Room #4

Session #10A

Cold Weather Emergency Management

DW

(1 hr.)

8:30-9:30 a.m.

Joe Burns and Tim Blanton, Kentucky Rural Water Association

Robert Francis, Branch Manager, Environmental Response Branch, DEP

The winters of 2013 and 2014 presented special challenges to Kentucky drinking water systems. This was especially true in eastern Kentucky. Extreme cold temperatures and heavy snow falls were followed up by massive thaws and heavy rains. The combination of these events led to numerous drinking water outages which resulted in difficult recoveries. Kentucky Emergency Management and Kentucky Rural Water Association staffs were heavily involved in the recovery process. This session will outline some of the lessons learned, what can be done before hand, and how to minimize recovery time afterwards.

Session #11A

Revised Total Coliform Rule and Kentucky Division of Water Update

DW

(1 hr.)

9:40-10:40 a.m.

Rodney Ripberger, Revised Total Coliform Rule Manager, Kentucky Division of Water

In Kentucky, the Revised Total Coliform Rule goes into effect on January 1, 2016. This session will give attendees an update on the rule, details concerning site plans, and will address other issues concerning the RTCR. In addition, this session will cover other compliance and DOW updates, such as recent staffing changes.

Session #12A

Disinfection By-Product Mitigation

DW

(1 hr.)

10:50-11:50 a.m.

Clem Wethington and Dell Harris, Kentucky Rural Water Association

Disinfection By-products are a major concern for drinking water utilities in Kentucky. DBP problems can be even more difficult for purchasing systems. In response, KRWA has been working with several utilities in order to foster greater cooperation between purchasing and producing systems in regards to flushing and overall DBP mitigation. This session will cover some of the facts learned, methods used, and results of these efforts.

Concurrent B

Thoroughbred Room #1

Session #13B

Phosphorous Control and Disinfection in Wastewater

WW

(1 hr.)

8:30-9:30 a.m.

Glenn Crafton, Brenntag Mid-South, Inc.

Many wastewater utilities have phosphorous limits that they have to meet for compliance. This session will cover methods for ensuring efficient use of chemicals for optimizing phosphorous control at wastewater treatment facilities. In addition, this session will cover various disinfection methods available today including some new options for wastewater utilities

Kentucky Rural Water Association

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Session #14B **Field Certification Application and Lab Certification Update** **DW/WW** (1 hr.)
 9:40-10:40 a.m. **Frank Hall, Kentucky Division of Water**
 This session will provide a brief Laboratory Certification Update from Kentucky Division of Water. This session will cover the field only laboratory certification application process for utilities wanting to become certified in field sampling for such parameters as dissolved oxygen, pH, temperature, residual chlorine, and others. The Kentucky wastewater laboratory certification regulation 401KAR5:320 has a compliance date of January 1, 2016.

Session #15B **What an Inspector Looks For at a Wastewater Facility** **WW** (1 hr.)
 10:50 -11:50 A.M. **Steve Capps, Kentucky Rural Water Association**
 Inspections of wastewater facilities by state DOW personnel are a normal course of business for which wastewater operators have to be prepared. This session will cover what inspectors look for when inspecting wastewater facilities including the log books, records, the lab, and the condition of the facilities. By taking the proper measures, operators should be able to confidently pass an inspection.

Concurrent C **Thoroughbred Room #2/3**

Session #16C **Cities and the Public Service Commission: Solving the Puzzle of the PSC's Role in Setting Municipal Utility Rates** **DW / WW** (1 hr.)
 8:30-9:30 a.m. **Gerald Wuetcher, Attorney, Stoll/Keenon/Ogden, PLLC**
 This session will address some of the details concerning the PSC's role in setting municipal utility wholesale rates. Basic rules governing the PSC's role, when they have authority, when they do not, which factors trigger PSC's involvement, and the roles contracts play will be covered. This session will provide practical suggestions for the procedure, timeline requirements, and appropriate steps to take for rate adjustments.

Session #17C **Utility Legal Forum** **DW / WW** (1 hr.)
 9:40-10:40 a.m. **Damon Talley, General Counsel, Kentucky Rural Water Association**
 This session will be a forum to discuss current legal matters facing the water and wastewater industry. Topics discussed will include changes to PSC regulations, and other existing legal and regulatory issues affecting the management and administration of water and wastewater utilities.

Session #18C **Water Meter Testing and Replacement Intervals and the PSC.** **DW** (1 hr.)
 10:50-11:50 a.m. **John Dix, General Manager, Warren County Water District**
 Most utilities use the 10 year standard for meter testing or replacement. However, few utilities are aware that PSC regulations allow for time periods longer than 10 years for those systems which can demonstrate the precision of their meters over longer periods. This session will cover the steps taken by Warren County Water District that eventually earned them approval for a 21 year interval for testing or replacement.

Request for Continuing Education Credit

The eighteen sessions presented during this three-day event will offer a total of 16 hours of continuing education training for drinking water and 14 hours for wastewater. The maximum number of hours that can be earned each day is listed below.

Monday, August 24, 2015	6
Tuesday, August 25, 2015	3
Wednesday, August 26, 2015	3
	3
Total maximum continuing education credits:	12

Criteria for Training Credits: Credit will be granted for actual time attending a training session. An individual sheet will be provided to each participant to record attendance at the sessions. This sheet will be stamped by Kentucky Rural Water Association (KRWA) personnel after the completion of each session. Individuals must return the completed sheet to KRWA before leaving the conference to receive continuing education credit.

With the breakdown of hours as noted above, Kentucky Rural Water Association requests the approval of all drinking water sessions with a maximum that can be earned by Water District Commissioners of twelve (12) hours continuing education credit.

Speaker Bios

Robert Mohon of The Nell Group is a veteran of the credit card, debit card and check processing industry. In 1995, Robert began his career in the credit card processing industry and set up one of the very first websites to accept online credit card payments. With a degree in Marketing from Auburn University, Robert has helped grow the client base of the company through sales process development, CRM, and client support improvements. Robert is an Ambassador of the Brentwood Chamber of Commerce (TN), a Board Member of the Nashville Investors Group, and past member of the Minds In Motion Advisory Board and Nashville Business Breakfast Club. His expertise includes advising clients on security (customer, employee, office), technology, internal controls, interpersonal skills, leadership, and social media/public relations.

Donna Marlin McNeil graduated from the University of Kentucky with a Bachelor of Science degree in Civil Engineering. She holds an Engineer in Training Certification from the Kentucky Board of Licensure for Professional Engineers and Land Surveyors. Donna retired from the Kentucky Department for Environmental Protection with 22 years of experience. Her last position was the Drinking Water Branch Manager in the Division of Water from May 2003 to December 2008. Donna came to KRWA in November, 2013 and serves as a Compliance Specialist.

Vince Guenther served as Manager of Government Affairs for the Louisville Water Company (LWC) from October of 1991 to September of 2013. Mr. Guenther was responsible for acting as a liaison with local, state and federal elected officials. He was responsible for monitoring legislation, advocating the company's position and lobbying the KY General Assembly. Mr. Guenther's leadership positions in the company included membership on the Strategic Planning Team, support for the company's Regionalization and Business Development efforts and management of the Mayor's Utility and Public Works Advisory Committee, which was tasked with evaluating synergies between Louisville Water, Louisville MSD and the Louisville Department of Public Works. He was also responsible for managing the company's contract with HomeServe USA, offering LWC customers with full service warranty products to protect their water service lines, sewer service lines and internal plumbing and drainage. After retiring, he formed Vince Guenther, Inc., which offers utilities consulting in business development, strategic planning and government relations. Vince is a graduate of the University of Louisville (1983).

Greg Copley is the Regional Outreach and Technical Assistance Coordinator for the UK Center for Applied Energy Research (CAER). He joined CAER in August 2008 assisting organizations with energy related economic development projects. In that capacity he is working with regional universities, Area Development Districts, Small Business Development Centers, local governments and non profits on developing new energy technologies, performing feasibility studies, validating and monitoring demonstration projects and providing a technical resource for grant and loan applications. Current projects include managing biomass to energy test plots in Pike and Breathitt Counties, potential wind power generation, new ethanol production technologies, utilizing shut in natural gas wells and waste coals. He also is involved in a joint MSU CAER project collecting data from emissions created from underground coal fires. Currently he is working with the Department of Local Government assisting local agencies in evaluating potential energy saving opportunities through performance contracting.

Candy Hammond, Field Representative for UK Center for Applied Energy Research joined CAER in January 2014. Mrs. Hammond graduated from the United States Air Force Academy with a Bachelor of Science degree in Humanities. With regard to experience in the energy field, Mrs. Hammond has worked for LG&E EnerTech as an account executive and at Honeywell in various capacities. Throughout her Honeywell career, Candy was an Energy Sales Account Executive, a Service Sales Account and Field Service Leader (FSL). *In her various sales roles, Candy was the lead sales representative for service sales, comprehensive facility planning and energy savings performance contracting (ESPC) in Kentucky. As part of the KY Energy Services Coalition, Candy was a member of a presentation team for a KY School Boards Association conference in 2011 and worked with the KY Department of Education to update construction regulations and documentation for ESPC. Also, during the 2012 legislative session she participated in activities regarding HB 255. Candy was also a member of a presentation team for a joint effort with the KY Department for Local Government to educate local government entities through various presentations at Area Development Council meetings 2012-2013.*

Harry Carver, Manager, Special Programs in the Office of State Grants, Department for Local Government is responsible for DLG's Energy Efficiency and Conservation for Local Governments program, which grew out of the federally/ARRA funded Energy Efficiency and Conservation Block Grants (EECBG). EECBG demonstrated considerable demand for assistance for local governments to implement energy savings measures while addressing deferred maintenance and costly operations issues. As a result, DLG now offers technical assistance to aid localities in addressing energy efficiency needs, primarily through the use of energy savings performance contracts. Carver received the Energy & Environment Cabinet's Energy Leadership award in 2014 in recognition of these efforts. Carver was executive director of Downtown Frankfort, Inc., the capital city's Main Street program, before coming to DLG. Previously he worked on homelessness and supportive housing policy issues at the Kentucky Housing Corporation and as Special Assistant to Governor Paul Patton, where he also coordinated the work of the Governor's Smart Growth Task Force. He is a graduate of Virginia Tech.

Shayna Lawrence is a Regional Sales Manager for Hach Company. Shayna attended Western Kentucky University before earning her Chemical Engineering degree from the University of Kentucky. Shayna joined the Hach Company as a Regional Sales Manager in early 2011. Previously she has worked for G.E. Water and for ChemTreat, Inc.

Ted Simmons has been with Hach Company since 2011. He serves as a Regional Sales Manager. Ted is a graduate of Ohio University. Hach is a leader in the industry for laboratory instruments, process analyzers and water quality monitoring.

Robert K. (Bob) Cashion is a Nationally Certified Water Technologist, he holds class IV Water & Wastewater operators licenses in several states and has been providing water & wastewater related training for over 38 years, he is the Business Development Manager for S4 Water Sales & Services, and is involved extensively in operations and maintenance issues of filtration systems and water quality assessment projects. He is an active member in the AWWA and NRWA and various State associations where he has won several outstanding educational leadership awards. He has a BS degree in Environmental Health & Technology from Missouri Southern State University and a graduate of the Water & Wastewater Technical College, Neosho, MO.

Vincent "Skip" Wirth is a Registered Nurse and has over 38 years of health care experience including clinical, supervisory, education, sales, marketing, and administration. He graduated with honors from WKU with degrees in Nursing and Public Health, and has a Master's Degree in Organizational Communication. He served as an adjunct faculty member in WKU's Department of Speech and Communication, and is currently a speaker, trainer/facilitator with WKU's Division of Extended Learning and Outreach (DELO). Skip started the first Wellness Center in Bowling Green Kentucky in 1984. He has been a professional speaker for 30 years and has conducted over 1500 workshops regionally and nationally on stress management, wellness, fitness, communication, team building, leadership, customer service, marketing, motivation and humor in the workplace. *Some of Skip's clients include: General Motors, Ford Motor Company, Hospital Corporation of America, U.S. Army, University of Kentucky, Western Kentucky University, Southern Foods, City of Bowling Green, Kentucky Hospital Association, Kentucky Association of Electric Cooperatives, Weyerhaeuser, Merrill Lynch, Kentucky Home Health Association, Nyloncraft, Bendix-Spicer, TVA, Camping World, Commonwealth of Kentucky, Cedar Lakes, Kentucky Public Health Association and Forever Communications.*

John M. Dix, P.E. is the General Manager of Warren County Water District, Butler County Water System, Inc. and Simpson County Water District. Mr. Dix has been a part of Bowling Green and South Central Kentucky since 1992 when he first joined Warren Water. Dix's career also includes serving as Vice President of the regional engineering firm Cannon & Cannon, Inc., City Engineer for Bartlett, Tennessee, and as a Submarine Naval Architect for the Department of the Navy. John is a Civil Engineering graduate of Virginia Tech (1982).

B. J. Malone is currently the GIS Coordinator at Warren County Water District. He has held this position since March 2006. Prior to his employment at WCWD he worked as GIS Project Manager at Barren River Area Development District (BRADD). B. J. is a 1999 graduate of Western Kentucky University, where he received a B.S. in Civil Engineering Technology.

Mike Bell serves as the Chairman of the Board for Hardin County Water District #2.

James R. Jeffries, better known as JJ, became General Manager of Hardin County Water District No. 2 in August 2006. He holds a Bachelor of Science degree in Mechanical Engineering from the University of Kentucky and an MBA from Western Kentucky University. He has a Class IV-D Drinking Water Distribution Operator Certification and a Class II-A Water Treatment Plant Operator Certification. Before joining the drinking water utility industry, Mr. Jeffries spent fifteen years in the automotive manufacturing sector where he held positions in the engineering and production management fields.

Joe Burns has been with Kentucky Rural Water Association since April 1994. His experiences at KRWA have included implementing the NRWA source water protection program and oversight of the NRWA wellhead program and the Division of Water wellhead protection assistance grant. Joe currently oversees the Utility Optimization Program and works with utilities in the program to provide technical, managerial, and financial support. Prior to joining the KRWA staff, Mr. Burns was a Senior Groundwater Hydrologist for the Kentucky Division of Water beginning in July, 1991, where he was responsible for formulating Kentucky's Wellhead Protection Strategy. He also has experience in drilling and environmental monitoring. Joe holds Bachelor of Science and Master of Science degrees in Geology from Eastern Kentucky University.

Tim Blanton came to work for Kentucky Rural Water Association in June, 2007 as a Circuit Rider. His many years of experience in water, wastewater, and public works began in the City of Grand Junction, Colorado. For 10 years he held various positions in billing and collections for the departments of water and solid waste. He gained knowledge of public relations, billing & collections, water system operations, metering, leak locating and repairing, welding and much more. After moving to Vermont, Tim continued his career in the water and wastewater industry for another 11 years. He served as the Public Works Manager for the Village of Derby Center before taking a position as the Regional Manager for a contract utility operations business. His responsibilities included the management and operations of 36 municipal water systems and six sewer systems. Tim holds an Associate Degree in Architectural Structural Design.

Clem Wethington, Compliance Specialist, came to Kentucky Rural Water Association in 1987 from the City of Eddyville where he was Superintendent of Public Works for over eight years. For nine years he served on the Eddyville City Council. Clem holds the following licenses: Class IIIA Kentucky Water Treatment Plant Operator's License, Class II Kentucky Water Distribution System Operator's License, and Class I Kentucky Wastewater Treatment Plant Operator's License. Other positions Mr. Wethington has held while at KRWA is that of Circuit Rider, Groundwater Technician, Program Specialist, and Education Director. As a Compliance Specialist he trains and assists utilities with regulations, recordkeeping, & reporting.

Dell Harris joined the Kentucky Rural Water Association in September 1997 as a Circuit Rider. He had nine (9) years of experience in the water treatment field beginning in 1988, when he became a water treatment plant operator and acquired Kentucky Class IV-A and Class III-D operator licenses while working for Hardin Co. Water District #1. Mr. Harris went to work for the Hardin County Water District #1 in April 1988 and operated the Pirtle Springs and Muldraugh Water Treatment Plants. He was promoted to Supervisor at the Pirtle Springs facility in July 1991 and obtained his Class IV-A license in April 1992. From September 1993 to September 1994, Dell served as Interim General Manager for the water district. He obtained his Class III-D license in April 1997. Mr. Harris earned an Associate Degree from the Elizabethtown Community College. His studies included Total Quality Management (TQM), Computer Science, and financial management. As a result of the The Bioterrorism Act of 2002, Dell has attended the following training sessions to gain knowledge on security issues: "RAM-W," sponsored by the Sandia National Laboratories, Austin, TX and "Security Emergency Management System" (SEMS), sponsored by National Rural Water Association, Atlanta, GA.

Glenn E. Crafton has been a Water Care Specialist for Brenntag Mid-South, Inc. for 18 years. His education includes: Mississippi State – Entomology, minor Agronomy; University of Southern Mississippi – Environmental Biology, minor Chemistry; University of Mississippi – MED Science Education; and Post grad work in Science Education. His experience includes research of waterways, laboratory coordinator, high school science teacher and biology teacher, and co-author of two lab manuals.

Steve Capps came to Kentucky Rural Water Association in 1994 from the City of Burkesville, Kentucky where he had served as Director of Public Works for twelve (12) years. He also had experience as the Water Treatment Plant Operator and also the Wastewater Treatment Plant Operator for six (6) years. He is currently certified in water treatment, wastewater treatment and holds a certificate as a water distribution system operator. Mr. Capps served as the Wastewater Technician for the Kentucky Rural Water Association from June 1994 to June 1999. His primary duties as Wastewater Technician were to provide technical assistance and hands-on training to rural wastewater utility personnel throughout Kentucky. Mr. Capps' position with the Kentucky Rural Water Association from June 1999 to the present is that of Wastewater Trainer/Technician and Compliance. In that capacity he provides on-site technical assistance and training to small rural municipal wastewater treatment systems and rural systems in unincorporated areas.

Gerald E. Wuetcher joined the law firm of Stoll/Keenon/Ogden in March, 2014. He was employed from 1987- 2014 as a staff attorney with the Public Service Commission of Kentucky, where he represented the Public Service Commission in administrative and judicial proceedings involving the rates and service of electric, gas, telecommunications, water and sewer utilities. He was principally assigned to the electric, water and sewer utility areas. Jerry served as a Judge advocate with the United States Army from September 1984 through July 1987. He is a graduate from John Hopkins University (May 1981) with a Bachelor of Arts Degree in History (with Honors). He received a Juris Doctorate Degree from Emory University Law School in May 1984 and was admitted to the State Bars of Georgia and Kentucky.

Damon Talley, a 1975 University of Kentucky College of Law graduate, is engaged in the general practice of law in Hodgenville, Kentucky. In 1979, he helped create the Kentucky Rural Water Association and has served as its General Counsel since then. Mr. Talley concentrates his practice in the field of utility law. He currently represents, or has represented, numerous utility clients including water districts, water associations, water commissions, municipalities, and privately owned utilities. Mr. Talley is a frequent speaker at training sessions sponsored by the Kentucky Rural Water Association, Public Service Commission, Division of Water, Utility Management Institute, and other industry groups.

Robert Francis is the Branch Manager, Environmental Response Branch, Department of Environmental Protection.

Rodney Ripberger is the Revised Total Coliform Rule Manager for the Kentucky Division of Water.

Frank Hall, Division of Water Kentucky Laboratory Certification Program, Kentucky Division of Water.

<p>Mail to:</p> <p>Division of Compliance Assistance Certification and Licensing Branch Operator Certification Program 300 Fair Oaks Lane Frankfort, KY 40601</p>	<p>Commonwealth of Kentucky Department for Environmental Protection</p> <p>Application for Approval of Courses for Continuing Education Credit</p> <p><i>Drinking Water Treatment, Drinking Water Distribution, Bottled Water, Wastewater Treatment and Collection System</i></p> <p>Telephone: 1-800-926-8111 www.dca.ky.gov/certification</p>	<p><i>For Official Use Only Do not write in this space</i></p> <p>COPY</p>
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I. **Course Sponsor Information:** Agency Interest Number: 108571

A. Sponsoring Organization (school, business, association, etc.):

Kentucky Rural Water Association

Key Contact Person:

Name and Title: Janet Cole, Education Coordinator

Address: 3251 Spring Hollow Avenue

City, State and Zip: Bowling Green, KY 42104

Phone and Fax: Ph: 270.843.2291 Fx: 270.796.8623

E-mail: j.cole@krwa.org

Web Page: www.krwa.org

One-Time Approval Requested Two-Year Approval Requested

B. If individual requesting approval is different than the key contact person for the sponsor, please complete the following information:

Name and Title: _____

Address: _____

City, State and Zip: _____

Phone and Fax: _____

E-mail: _____

II. **General Course Information:**

A. Title: 36th Annual Technical Conference & Exhibition - Every Connection Counts

B. Location and Date/s: Hyatt Regency Hotel & Lexington Convention Center, Lexington, KY August 24-26, 2015

C. Cost per Student or Group: \$ 125.00

D. Delivery Format or Media (check those that apply):

Classroom Web/Online Laboratory Exhibition
 Field CD-ROM Video/Audio Correspondence
 Other (Explain) _____



E. Continuing Education Credits (hours) Requested for Target Audience:

Drinking Water Treatment, Distribution and/or Bottled Water: 16 hrs. - Maximum 12
Wastewater Treatment and/or Collection: 14 hrs. - Maximum 12

(Attach a detailed description explaining how this training relates to the wastewater treatment process.)

III. Required Items (must be attached to submittal, check off as completed):

- A. Course Learning Objectives
- B. Criteria for Successful Completion by Operators
- C. Agenda (timed with Instructors identified and brief description of topics)
- D. Credentials for All Instructors

IV. Additional Attachments (required for distance learning courses, optional for other training):

- A. Instructional Design (developed by whom/their credentials)
- B. Curriculum Content (subject matter experts/their credentials)
- C. Required Assignments and/or Examinations (type, passing score, etc.)
- D. Mandatory Time Constraints (deadlines, granting of extensions, etc.)

V. Signature of Sponsor's Contact Person

I confirm that all information provided with this application is accurate to the best of my knowledge. A complete list of attendees and credits to be awarded to them will be forwarded on a "Continuing Education Activity Report" to the Kentucky Division of Compliance Assistance (within 30 days of completing the course when possible).

Printed Name and Title: Janet Cole, Education Coordinator

Signature and Date: 

June 1, 2015