

Kentucky Rural Water Association

Helping water and wastewater utilities help themselves

July 14, 2011

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

RECEIVED
JUL 18 2011
PUBLIC SERVICE
COMMISSION

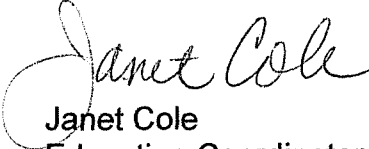
Dear Mr. Derouen:

Kentucky Rural Water Association will host its 32nd Annual Conference and Exhibition, **Waves of Change**, at the Hyatt Regency Hotel and Lexington Convention Center in Lexington, Kentucky on August 29-31, 2011. We respectfully request that this training be approved for commissioners as referenced in regulation 807 KAR 5:070.

Please find enclosed a timed agenda, a description of each session, and speaker information. Request for approval for continuing education credit for Drinking Water and Wastewater Operators 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 that request is included.

With this letter and enclosures, Kentucky Rural Water Association requests the approval of a total of twelve (12) hours of continuing education training for water district commissioners. If additional information is needed, please do not hesitate to call.

Sincerely,


Janet Cole
Education Coordinator
j.cole@krwa.org

Enclosures
(Original and 5 copies)

**Kentucky Rural Water Association's
32nd Annual Technical Conference and Exhibition – *Waves of Change*
August 29 – August 31, 2011
Hyatt Regency and Lexington Convention Center - Lexington, Kentucky**

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 offer some buoyancy for our attendees as they navigate through the *waves of change* affecting our industry.

Day One – Monday, August 29, 2011

Session #1 *Updates in the Clean Water and Drinking Water Programs* DW / WW (1 hr)
8:30-9:30 A.M. **Julie Roney, Division of Water**

Regulations governing drinking water and wastewater can change frequently. While utilities have to respond to these changes, so do primacy agencies. This session will provide updates and changes being dealt with by the Clean Water and Drinking Water Programs within the Kentucky Division of Water and how those may affect utilities.

Session #2 *Water and Wastewater Laboratory Certification* DW / WW (1 hr)
9:40-10:40 A.M. **Patrick Garrity, Division of Water**

Many water and wastewater utilities operate laboratories that are at least capable of performing basic analyses. Changes in the laboratory certification requirements will potentially be impacting all of these utilities. This session will cover what the Division of Water is looking for in a certified laboratory such as QA/QC, method detection limit studies, and initial demonstration of capacity studies.

Session #3 *Been There, Done That, Now What? Reviewing the Challenges Faced by a Rapidly Growing Utility* DW / WW (1 hr)
10:50-11:50 A.M. **Phillip Trzop, Boone County Water District**

The growth of a utility can be a difficult process for managers and operators to handle and control. Rapid changes in size can bring difficulties in managing the infrastructure, resources, and finances and day-to-day operation of a utility. This session will give information from a general manager's first-hand experience with the rapid growth of his utility. This session will also cover new technologies, such as satellite read meters, and other techniques used by operators and employees to handle the rapid changes encountered at all levels within the utility.

11:50 A.M.-1:00 P.M. LUNCH

Session #4 *The Electric Bulge: Efforts to Save Electricity* DW / WW (1 hr)
1:00-2:00 P.M. **James Jeffries, Hardin County Water District #2**

Historically, electricity is one of the largest expenses encountered by a utility. Recent times have shown that electrical rates have substantially increased more rapidly than other operating expenses. This session covers the successful efforts by one utility to save electricity, increase operational efficiency, and reduce costs. This session will demonstrate how this utility worked to determine where electricity was being used efficiently, where it was not, the measures used to save electricity, and the necessity of documentation to reflect these achievements.

Session #5 *Endocrine Disruptors and Pharmaceuticals & Personal Care Products (PPCPs) – Part 1* DW / WW (1 hr)
2:10-4:20 P.M. **Steve Crosman, Division of Compliance Assistance**

Endocrine disruptors and PPCPs are the subject of EPA research and will likely be the topic of future regulations. This session will focus on potential upcoming regulations dealing with endocrine disruptors and PPCPs. Topics also covered will include: what are endocrine disruptors and PPCPs, which endocrine disruptors and PPCPs are the EPA concerned with, who (water or wastewater) will be responsible for their removal, and what are the best available technologies (BAT) for drinking water and wastewater.

Session #6 *Endocrine Disruptors and PPCPs – Part 2* DW / WW (1 hr)
3:20-4:20 P.M. **Steve Crosman, Division of Compliance Assistance**

Day Two – Tuesday, August 30, 2011

1:30-4:50 P.M. **General Session**
Waves of Change Impacting the Water & Wastewater Industry in Kentucky
Joe Liles, President, National Rural Water Association
Jacki Ponti-Lazaruk, Assistant Administrator, Water & Environmental Programs, USDA-Washington
Tom Fern, State Director, USDA Rural Development
Aaron Keatley, Division of Compliance Assistance
Bill Simpson, Legislative Analyst, National Rural Water Association
Fitz Elder, Legislative Analyst, National Rural Water Association
Charles Borders, Commissioner, Public Service Commission
Jerry Weutcher, Attorney, Public Service Commission

Water and wastewater utilities throughout Kentucky are facing a variety of issues. Some of the issues include: regulatory changes on the state and federal levels, expansion of service territory, upgrading of facilities, alternative funding sources, dealing with the current economic situation, meeting consumer demands, emergency preparedness and disaster response, promotion of the water industry and meeting staffing requirements, and protection of our natural resources. These individuals listed above will discuss the *waves of change* impacting utilities in Kentucky and the nation.

Session #7 *Waves of Change - Part 1* DW / WW (1.5 hrs)
1:30-3:00 P.M.

Session #8 *Waves of Change - Part 2* DW / WW (1.5 hrs)
3:20-4:50 P.M.

Day Three – Wednesday, August 31, 2011

8:30-11:50 A.M. **Concurrent Sessions**

Concurrent A **Thoroughbred Room #4**

Session #9A *From Babysitting to Operating: The Story of a Wastewater Plant* WW (1 hr)
8:30-9:30 A.M. **Pat Beamon, Environmental Consultant, Process Tech, LLC**

Wastewater plants are facing increasingly tight compliance standards and those plants already struggling with compliance issues will be even farther behind the curve as new regulations are instituted. This session will highlight a wastewater plant that had been having serious compliance issues but was brought back into compliance. The problems found, methods used to solve those problems, and how other utilities can learn from this experience will be discussed.

Session #10A *Rural Wastewater Treatment* WW (1 hr)
9:40-10:40 A.M. **Wes Combs, Clarus Environmental and Grondal Potter, Mountain Water District**

The vast majority of rural wastewater treatment is handled with septic systems or in some cases, straight piped to a stream. Septic systems have their limitations, especially when a number of them are located in close proximity. In the past the treatment of wastewater in rural areas has been technologically limited. This session will discuss new technologies that make rural wastewater treatment a possibility and will also cover the use of these new technologies by a rural Kentucky utility.

Session #11A *Division of Compliance Assistance Update* DW / WW (1 hr)
10:50-11:50 A.M. **Kenya Stump and Gene Harrison, Division of Compliance Assistance**

This session will cover the latest changes and updates at the Division of Compliance Assistance. Topics covered will include changes made to the regulations concerning operator certification, problems DCA has encountered involving operator certification and training, changes made to their website, and the new ability to report hours online.

Concurrent B **Thoroughbred Room #1**

Session #12B *Variable Speed Controllers* DW / WW (1 hr)
8:30-9:30 A.M. **Steve Gott, S & K Equipment Co.**

Variable-Frequency Drives (VFD) are used to control the rotational speed of an electric motor by controlling the frequency of the electrical power supplied to the motor. VFD “controllers” are solid state electronic power conversion devices. This type of equipment is used in water and wastewater systems to control the operational speed of pumps, motors, fans, aerators, and other electronic equipment. This session will explain the various types of VFDs and methods to control their operation.

Session #13B *Growing Pains* DW (1 hr)
9:40-10:40 A.M. **Kelly Dearing-Smith, Louisville Water Company**

Louisville Water Company has 150 years of history in the water industry. Changes and growth have lead to significant challenges in engineering, distribution system design, water supply issues, the adaptation technological changes, and the maintenance/replacement of old infrastructure. This session will concentrate on how LWC dealt with a myriad changes over those years and what challenges they still face in the future.

Session #14B *The Use of Utility Bills for Public Notification* DW / WW (1 hr)
10:50 -11:50 A.M. **Vicki Mitchell, United States Postal Service**

The costs associated with mailing out public notifications can be substantial and less than 100% effective. Further, most utilities are unaware of the possibility of printing public notifications on their monthly bills. This session will show how a utility’s bill cards can be used as an effective and efficient method of distributing public notifications. In addition, this session will cover frequent problems and their solutions concerning utility bill cards and the rules and regulations that the United States Postal Service has concerning the use of bill cards.

Concurrent C

Thoroughbred Room #2/3

Session #15C *The Progress of Kentucky's Water and Wastewater Utilities* **DW / WW** (1 hr)
8:30-9:30 A.M. **Andy Lange, Kentucky Rural Water Association**

Kentucky's public water and wastewater utilities are among the most advanced in America, especially in regards to the percentage of our citizens who are served and the relatively low number of utilities after 30 years of natural consolidation. This session will look at the reasons behind our successful public service experience and look towards the future of our industry. We will examine the roles of the Division of Water, the Public Service Commission and the organizational advantages that have contributed to our success.

Session #16C *Legal Issues and Board Oversight* **DW / WW** (1 hr)
9:40-10:40 A.M. **Damon Talley, General Counsel, Kentucky Rural Water Association**

Every "board" should adopt a set of board policies that outlines the roles, rules and responsibilities for board members. The management of the utility should lead the effort amongst the board to initially adopt appropriate policies and periodically review and amend the policies to keep them up-to-date and relevant. The session focuses on the normal activities of boards of water districts, water associations, and municipal utility commissions. The session will include information on board officers' responsibilities and duties, the conduct of effective board meetings, legal issues and other topics essential for utility board members.

Session #17C *Avoiding Pitfalls by Simplifying Personnel Policies* **DW / WW** (1 hr)
10:50-11:50 A.M. **Vernon Azevedo, Engineer, Lexington Urban County Government**

Personnel policies are the utility manager's most important policies to help maintain effective day-to-day operations. Many personnel policies adopted by Kentucky's utilities are too large, too complicated, and tend to cause more problems than they solve. Learn from the experience of a utility manager who went through the process of revising outdated personnel policies into a manageable policy document that is easy for employees to understand and easier for management to implement.

Request for Continuing Education Credit

The seventeen sessions presented during this three-day event will offer a total of **16 hours** continuing education training for **drinking water operators and water district commissioners** (17 hours are also included for wastewater operators). The maximum number of hours that can be earned each day is listed below:

Monday, August 29, 2011	6
Tuesday, August 30, 2011	3
Wednesday, August 31, 2011	<u>3</u>

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 (operators and commissioners) 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 respectfully requests the Public Service Commission's approval of a maximum of **twelve (12) hours** continuing education credit for **Water District Commissioners**.

Julie Roney, Energy & Environment Cabinet
Drinking Water Coordinator, Kentucky Division of Water

Patrick Garrity, Energy & Environment Cabinet
Laboratory Certification Officer, Kentucky Division of Water

Phillip Trzop, General Manager
Boone County Water District
P. O. Box 18
Burlington, KY 41005
859.586.6155

Mr. Phillip W. Trzop is the General Manager of Boone County Water District. The District has over 23,000 water connections. As General Manager, Mr. Trzop supervises and is responsible for the day-to-day operation of the utility.

Before becoming the General Manager of Boone County Water District, Phillip was the General Manager of the City of Walton District where he also held a position as projects coordinator. In that capacity he worked with engineers, resolved customer issues, and reviewed/approved plans for water line installation by developers. Other experiences include that of a certified building inspector, a special assistant to the Mayor of Walton, Kentucky, and the Mayor of Walton.

James Jeffries, General Manager
Hardin County Water District No. 2
360 Ring Road
PO Box 970
Elizabethtown, KY 42702
(270) 737-1056 Ext. 303
jjeffries@hardincountywater2.org

James R. Jeffries, better known as JJ, became General Manager of Hardin County Water District No. 2 in August 2006. He holds a Bachelors 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.

Steve Crosman, Energy & Environment Cabinet
Certification and Licensing, Kentucky Division of Compliance Assistance

Joe Liles

Joe Liles was elected President of the National Rural Water Association (NRWA) in September 2010. First elected to the NRWA Board of Directors in 1999, Joe has held numerous positions with NRWA serving as Secretary, Vice Chairman and Senior Vice President.

As one of the founding fathers of Kentucky Rural Water Association (KRWA) in 1979, Mr. Liles was honored with the prestigious KRWA Leadership Award in 2008 for his many years of exemplary service, leadership and commitment to Kentucky's water and wastewater utilities. He has held the positions of KRWA President, Vice President, and Treasurer. Although Mr. Liles retired as Manager of the Warren, Butler and Simpson County Water Systems in 2005 after 38 years, he currently serves as the utilities' Community and Government Relations Assistant.

Mr. Liles earned a Bachelor of Science Degree, with an area of concentration in Management from Western Kentucky University.



Jacqueline M. Ponti-Lazaruk, Assistant Administrator

Water and Environmental Program

Address: USDA Rural Development

Rural Utilities Service

1400 Independence Ave., SW, Rm 5145

STOP 1548

Washington, DC 20250-1548

Phone: (202) 690-2670, E-mail: jacki.ponti@wdc.usda.gov

Kentucky

Thomas G. Fern, State Director

771 Corporate Drive, Suite 200

Lexington, KY 40503

Voice: (859) 224-7300

Fax: (859) 224-7340

www.rurdev.usda.gov/ky/

Aaron Keatley, Energy & Environment Cabinet

Division Director, Kentucky Division of Compliance Assistance

Bill Simpson and Fitz Elder are Legislative Analyst for National Rural Water Association. They serve as public policy and government relations consultants, specializing in appropriations, housing, agriculture and economic development issues and legislation.

Charles R. Borders, Commissioner, Kentucky Public Service Commission

Governor Steve Beshear appointed Charles R. Borders as a member of the Kentucky Public Service Commission (PSC) on July 15, 2009. His term expires June 30, 2013.

Gerald Wuetcher, Executive Advisor, Kentucky Public Service Commission

Hearing Officer, Division of Small Utilities

As a staff attorney Mr. Wuetcher represents the Public Service Commission in administrative and judicial proceedings involving the rates and service of electric, gas, telecommunications, water and sewer utilities.

Bio – Pat Beamon

Currently owns Process Tech, LLC, an environmental consultant company located in New Harmony, Indiana. He has been a licensed operator since 1982 and currently holds a Class 4 municipal and Class D industrial license in Indiana. Mr. Beamon has taught wastewater courses at Indiana Vocational Technical College for 8 years. He has also made presentations for Texas Water Environment Association, Arkansas Rural Water Association, Louisiana Rural Water Association, and the Louisiana, Mississippi, and Alabama Tri-State Engineering Society Meeting.

Wes Combs Clarus Environmental

Wes Combs has been associated with Zoeller Pump Company since March 2006 as On-site Sales Manager. He now serves as the regulatory specialist for Clarus Environmental, part of the Zoeller group dedicated to providing answers for water quality problems through environmentally sustainable solutions for wastewater collection, treatment and disposal. He graduated from the University of Kentucky with a B.S. in Agronomy with a major in Soil Science & minor in Microbiology.

Energy & Environment Cabinet, Kentucky Division of Compliance Assistance
Kenya Stump, Branch Manager, Environmental Compliance Assistance
Gene Harrison, Environmental Compliance Assistance

Steve Gott, Owner S & K Equipment Company

Steve has many years of experience in the water and wastewater industry and has presented many classes in the past for Kentucky Rural Water Association in his area of expertise, pumps and motors. Steve has attended various pump and systems courses as well as valve and hydraulic schools. He has earned extensive instruction on controls and systems. Steve is a graduate of the National Radio Institute (NRI) for Electronics and has also attended credited gas chlorination, equipment & design classes, as well as participating in Dale Carnegie courses.

KELLEY DEARING SMITH Louisville Water Company

Kelley currently serves as the Manager of Strategic Communications for Louisville Water Company, a municipal utility that provides water to over 840,000 people in Louisville Metro and surrounding counties. Kelley is an award-winning communications/public relations professional. She has extensive experience in creating community partnerships, developing communication and marketing initiatives and managing large-scale community education projects.

Vicki L. Mitchell, Mailpiece Design Analyst, Business Mail Entry **United States Postal Service** Lexington, KY 40511-9603 859.231.6717 vicki.l.mitchell@usps.com

Vicki Mitchell will celebrate 32 years with US Postal Service in September of 2011. During these 32 years she has worked in the plant as a mail processor for 10 years, followed by a window clerk for 6 years, a mailing requirements clerk for 13 years and for the past 3 years her position has been that of Mailpiece Design Analyst.

Andrew C. Lange, Assistant Director
Kentucky Rural Water Association

Andy Lange has been employed with Kentucky Rural Water since 1989. As Assistant Director, Mr. Lange is involved with all management and administrative activities of the Association. He also currently oversees the Utility Management Institute program. Mr. Lange's other responsibilities at KRWA include: coordinating and monitoring internal membership activities, producing and editing KRWA printed publications, and assisting in the administration of KRWA finance programs. In addition, Mr. Lange has been involved in the production of over seventy-five operation and maintenance manuals for water systems, has produced the final report for the Kentucky River Authority Water Counts project, and has participated in, and written, Operation Review studies for three (3) water and wastewater utilities since 1995. Mr. Lange has earned a Bachelor of Science in Geography and a Master of Public Administration from Western Kentucky University in Bowling Green, Kentucky.

Damon Talley, Attorney, General Counsel for Kentucky Rural Water Association

Damon Talley is a 1975 graduate of the University of Kentucky College of Law. Since establishing his own practice in 1983 in Hodgenville, Kentucky, Damon has been engaged in the general practice of law with a primary emphasis on representing utilities. He holds a Bachelor of Science in Mechanical Engineering from the University of Kentucky College of Engineering.

Vernon Azevedo, Engineer
Lexington Urban County Government

Vernon Azevedo holds a Bachelor of Science in Civil Engineering from the University of Kentucky (1974). Prior to joining the engineering staff of the Lexington Urban County Government, Vernon served as the General Manager of Winchester Municipal Utilities in Winchester, Kentucky. In this position he planned and managed operations of a city-owned water/wastewater/solid waste utility including administration, finance, personnel, engineering and operations. Vernon supervised a full-time staff seventy-five, with an Annual Operating Budget of \$9.3 million and Annual Capital Budget of \$6.2 million.

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

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: PO Box 1424

City, State and Zip: Bowling Green, KY 42102-1424

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: 32nd Annual Conference and Exhibition - Waves of Change

B. Location and Date/s: Hyatt Regency & Lexington Convention Center, Lexington, KY August 29-31, 2011

C. Cost per Student or Group: \$ _____

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

- | | | | |
|---|-------------------------------------|--------------------------------------|---|
| <input checked="" type="checkbox"/> Classroom | <input type="checkbox"/> Web/Online | <input type="checkbox"/> Laboratory | <input type="checkbox"/> Exhibition |
| <input type="checkbox"/> Field | <input type="checkbox"/> CD-ROM | <input type="checkbox"/> Video/Audio | <input type="checkbox"/> Correspondence |
| <input type="checkbox"/> Other (Explain) | _____ | | |



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

Drinking Water Treatment, Distribution and/or Bottled Water: 16 hrs. (maximum 12 hours)

Wastewater Treatment and/or Collection: 17 hrs. (maximum 12 hours)

(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

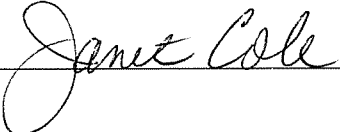
IV. Additional Attachments (required for distance learning courses, optional for other training):

- 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: 

July 11, 2011