



# Kentucky Rural Water Association

Helping water and wastewater utilities help themselves

September 20, 2013

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SEP 24 2013  
PUBLIC SERVICE  
COMMISSION

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

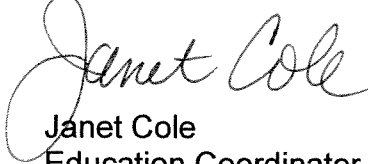
Dear Mr. Derouen:

Kentucky Rural Water Association will host three (3) regional meetings during the month of October, 2013. We respectfully request that this training be approved for continuing education credit for commissioners as referenced in regulation 807 KAR 5:070.

Please find enclosed a training summary for these meetings which includes a description of the topics and speaker information. These classes have also been submitted to The Kentucky Board of Certification of Water Treatment and Distribution System Operators. Copies of the applications are included.

With this letter and enclosures, Kentucky Rural Water Association is requesting the approval of two (2) hours per session for commissioner and board member training. If additional information is needed, please do not hesitate to contact our office.

Sincerely,

  
Janet Cole  
Education Coordinator

Enclosures  
(Original and 10 packets)

## **Training Sponsor: Kentucky Rural Water Association**

### **Learning Objectives:**

The objective of these sessions is to provide useful information to attendees to help them better perform their roles at their facilities and stay in compliance.

### **Criteria for Training Credits:**

Following a meal, the training portion of the meeting will be conducted from 6:30 p.m. until 8:30 p.m. Participants will be granted credit for actual time attending the training sessions. The maximum number of training credit hours for this meeting will be two (2) hours.

**Course Title:** Northeast Regional Meeting  
**Location:** Ponderosa Steakhouse, Morehead, Kentucky  
**Date:** October 15, 2013

**6:30 p.m. - 8:30 p.m.**

**Session Topic:** SCADA

**Presenter:** Dave Ross, BESCO

This session will cover SCADA and its uses within drinking water and wastewater utilities. Advantages of SCADA such as data trend monitoring, control from a desk, control from remote locations, and others will be covered. Disadvantages such as initial costs and over-reliance on automation will also be covered.

### **SPEAKER BIO**

#### **Dave Ross**

#### **BESCO**

4259 Armstrong Blvd.

Batavia, OH 45103

(513) 752-3570

dave@beckmanenvironmental.com

Dave Ross has been with Beckman Environmental Service since 1998. He is currently responsible for sales in Kentucky and southeast Ohio. Even before his joining with Beckman in 1998 he was involved with programming and control systems for wastewater utilities. Currently his focus is on grease control for wastewater systems and torque control and SCADA for water and wastewater utilities.

**Course Title:** Green River Regional Meeting  
**Location:** Ryan's Steak House, Owensboro, Kentucky  
**Date:** October 17, 2013

**6:30 p.m. - 7:30 p.m.**

**Session 1:** Ice Pigging—Cleaning Distribution and Collection System Lines with Ice

**Presenter:** Brad Gresham, Utility Service Group

This session covers a new technique for cleaning drinking water distribution systems and wastewater force mains using slush ice call Ice Pigging. Ice Pigging has been proven to be between 100 and 1000 times more effective at removing sediment and biofilm than standard flushing practices alone. Originally developed for the food industry, ice pigging has now been developed for use in the drinking water and wastewater industry.

**7:30 p.m. – 8:30 p.m.**

**Session 2:** THM Removal

**Presenter:** Brad Gresham, Utility Service Group

This session will cover methods for the reduction of disinfection by-products from the distribution system. It will concentrate on disinfection by-product formation in water storage tanks, the prevention of DBP formation in tanks, and the reduction of DBPs in storage tanks.

### **SPEAKER BIO**

**Brad Gresham** is a Water System Specialist with Utility Service Company whose territory includes eight southeastern states with a primary focus on Water Quality, Water Well Services, Asset Management, Water Conservation and Communications and Site Management. He has a Bachelor's degree in Political Science and a Master's degree in Public Health from Emory University and has worked in the water industry for over ten years. Before joining USG, Brad worked as the Director of the Coweta County Water and Sewerage Authority in Newnan, Georgia as well as Water Quality Municipal Sales in the southeast.

#### **Kentucky Rural Water Association**

3251 Spring Hollow Avenue ♦ Bowling Green, KY 42104 ♦ Ph: 270.843.2291 ♦ Fx: 270.796.8623 ♦ www.krwa.org

**Course Title:** Western Regional Meeting  
**Location:** Ponderosa Steak House, Draffenville, Kentucky  
**Date:** October 24, 2013

**6:30 p.m. - 8:30 p.m.**

**Session Topic:** Seven Factors Leading to the Success of Drinking Water Utilities in Kentucky

**Presenter:** Andy Lange, Kentucky Rural Water Association

Kentucky's community water systems lead the country in providing safe drinking water to its citizens. This discussion will focus on the reasons behind our success in Kentucky.

#### **SPEAKER BIO**

**Andy Lange** is the Assistant Director for the Kentucky Rural Water Association (KRWA) and has been employed there since 1989. Prior to joining KRWA, Mr. Lange worked for the Barren River Area Development District for five (5) years, providing administrative and financial assistance to local governments in the ten-county BRADD region. Mr. Lange has earned a Bachelor of Science in Geography and a Master of Public Administration from Western Kentucky University in Bowling Green, Kentucky.

As Assistant Director, Mr. Lange is involved with all management and administrative activities of the Association. He was originally responsible for performing loan sub-servicing under the Asset Management Program contract with National Rural Water Association (NRWA) for eight (8) years, ending in 1997. He also currently oversees KRWA's partnership with Western Kentucky University (WKU). These programs are the WKU Small System Circuit Rider, the Utility Management Institute (UMI), and the Technology Demonstration Project. Mr. Lange received the "Field Representative of the Year" award at NRWA's 1996 Annual Conference.

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.



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**COPY**

Ms. Jessica Wilhoite, Branch Manager  
 Certification and Licensing Branch  
 Division of Compliance Assistance  
 300 Fair Oaks Lane  
 Frankfort, KY 40601-1190

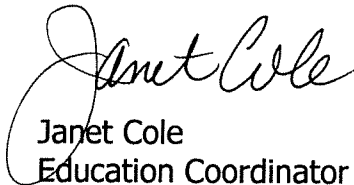
Dear Ms. Wilhoite:

Please present the enclosed "Application for Approval of Courses for Continuing Education Credit" to the Kentucky Board of Certification of Water Treatment and Distribution System Operators at their next meeting, as outlined below:

TITLE	DATE(S)	LOCATION	TYPE
Northeast Regional Meeting	October 15, 2013	Ponderosa Steak House Morehead, KY	<b>DW</b>
Green River Regional Meeting	October 17, 2013	Ryan's Steak House Owensboro, KY	<b>DW</b>
Western Regional Meeting	October 24, 2013	Ponderosa Steak House Draffenville, KY	<b>DW</b>

A resume for each speaker is included along with a summary of the topic for these sessions. Should you have any questions, please do not hesitate to contact the Kentucky Rural Water Association office at 270.843.2291.

Sincerely,



Janet Cole  
 Education Coordinator  
 j.cole@krwa.org

Enclosures

<p><b>Mail to:</b></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><b>Application for Approval of Courses for  Continuing Education Credit</b></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><b>COPY</b></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: 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: Northeast Regional Meeting

B. Location and Date/s: Ponderosa Steak House, Morehead, KY October 15, 2013

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)      | _____                               |                                      |   |



<p><b>Mail to:</b></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><b>Application for Approval of Courses for          Continuing Education Credit</b></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><b>COPY</b></p>
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Address: \_\_\_\_\_

City, State and Zip: \_\_\_\_\_

Phone and Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

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B. Location and Date/s: Ryan's Steak House, Owensboro, KY October 17, 2013

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     |
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| <input type="checkbox"/> Other (Explain)      | _____                               |                                      |   |



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Key Contact Person:

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Name and Title: \_\_\_\_\_

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- |   |                                     |                                      |   |
|---|-------------------------------------|--------------------------------------|---|
| <input checked="" type="checkbox"/> Classroom | <input type="checkbox"/> Web/Online | <input type="checkbox"/> Laboratory  | <input type="checkbox"/> Exhibition     |
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| <input type="checkbox"/> Other (Explain)      | _____                               |                                      |   |



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

Drinking Water Treatment, Distribution and/or Bottled Water: 2 hrs.

Wastewater Treatment and/or Collection: \_\_\_\_\_

**(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

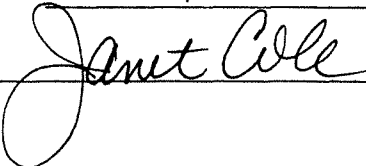
**IV. Additional Attachments** (required for distance learning courses, optional for other training):

- 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: 

\_\_\_\_\_  
**September 20, 2013**