



# Kentucky Rural Water Association

Helping water and wastewater utilities help themselves

February 22, 2017

RECEIVED

FEB 27 2017

Public Service  
Commission

Ms. Talina R. Mathews, Executive Director  
Public Service Commission  
P. O. Box 615  
Frankfort, KY 40602-0615

Dear Ms. Mathews:

Kentucky Rural Water Association has scheduled a training session for Christian County Water District on March 17, 2017. This session will be held at the Pennyryle Area Development District office in Hopkinsville, Kentucky, and will offer six (6) hours of continuing education credit.

A training summary/timed agenda is enclosed that includes a description of the topics and brief bios for the speakers. This class was also submitted to the Kentucky Board of Certification of Water Treatment & Distribution System Operators. A copy of the application is included.

With this letter and enclosures Kentucky Rural Water Association respectfully requests that this training be approved for continuing education credit for commissioners as referenced in regulation 807 KAR 5:070. 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 packets)

**Training Sponsor:** Kentucky Rural Water Association  
**Session Title:** Continuing Education for Christian County Water District  
**Date:** March 17, 2017  
**Location:** Pennyryle Area Development District Office, Hopkinsville, KY

**Learning Objectives:**

The objective of this session is to provide attendees with valuable knowledge to help them better perform their roles within their utility and enhance the operations at their facilities.

**Criteria for Training Credits:**

Attendees will be granted credit for actual time participating in the instructional sessions. Those present can earn up to a maximum of six (6) hours of continuing education credit for drinking water operators.

**TRAINING SUMMARY/TIMED AGENDA FOR MARCH 17, 2017**

**8:30 a.m. -9:30 a.m.**

**1 hr.**

**Session 1: Revised Total Coliform Rule**

**Presenter: Randall Kelley, Kentucky Rural Water Association**

This session will cover the Revised Total Coliform Rule (RTCR). Instruction will include talk about the rule and what it means for drinking water utilities to comply with the RTCR. Discussion will cover the RTCR more generally, going over the rule, Level 1 and Level 2 Assessments, new reporting requirements and changes the RTCR will make in the CCR.

**9:30 a.m. -10:30 a.m.**

**1 hr.**

**Session 2: Valves and Hydrants**

**Presenter: Cole Canady, Mueller Company**

This session will be a basic overview of valve and hydrants, their maintenance and their use. Topics covered will include how valves hydrants work, their functions in a distribution system, basic maintenance and servicing. Also covered will be the topic of how to properly install hydrants and valves, the importance of thrust blocking, and the dangers of water hammer.

**10:30 a.m. -11:30 a.m.**

**1 hr.**

**Session 3: Advanced Metering Infrastructure and Automatic Meter Reading**

**Presenter: Kim Swinford, Badger Meter**

Automated meter reading technology has been advancing at a rapid pace. This session will cover some of the newer technologies available in meter reading technology. This session will cover infrastructure free AMI and high resolution encoders. Also, new software will be demonstrated to show how the new technologies work in the day to day use by a utility.

**11:30 a.m. – 12:30 p.m. Lunch Break**

**12:30 p.m. – 2:00 p.m.**

**1.5 hrs.**

**Session 4: Recordkeeping Procedures**

**Presenter: Clem Wethington, Kentucky Rural Water Association**

Accurate record keeping is essential for proper operation of a utility. This session will provide instruction on the various types of records that are required for regulatory purposes and the length of time that each type of records must be retained by the utility. Topics of discussion will include proper hardcopy filing techniques and the need for off-site record storage and retention. The importance of accurate documentation associated with chain-of-custody tracking will also be included.

**2:00 p.m. – 3:30 p.m.**

**1.5 hrs.**

**Session 5: Recordkeeping Spreadsheets**

**Presenter: Clem Wethington, Kentucky Rural Water Association**

This session will address the development and use of spreadsheets and the use of electronic storage and filing systems. The session will explain how spreadsheets can be used to track and stay abreast of monitoring and sampling requirements. Demonstrations will provide information on how spreadsheets can be used to record when samples were collected, analytical results, and complete reports to be provided to regulatory agencies.

**SPEAKER BIOS**

**Randall Kelley** has been with Kentucky Rural Water Association (KRWA) since January, 2006. Since joining KRWA, Randall has held the positions of Wastewater Circuit Rider, ARRA Circuit Rider and Training Specialist. Prior to joining KRWA, Randall worked for the University of Louisville at the Center for Watershed Research as a Research Biologist. He participated in numerous projects on small headwater streams, stream restorations, Trihalomethane formation in natural waters, and numerous other projects. Randall's experience also includes working for a contractor to the USEPA in Cincinnati, Ohio as an aquatic macroinvertebrate taxonomist. Randall received a B.S. in both Biology and Environmental Science from Western Kentucky University and an M.S. in Biology from the University of Louisville.

**Cole Canady** has been with Mueller Company since 2015. His first job with Mueller was as a trainer, traveling the country in the Mueller Training Van to deliver training in cities across the continental U.S. In 2016 he moved to Kentucky and was given the Kentucky and West Virginia territories. Cole is a 2012 graduate of Sam Houston State University in Huntsville, Texas, with a Bachelor's Degree in Business Administration.

**Kim Swinford**, Accounts Manager, has been with Badger Meter since 2011. Having worked for several companies, Ms. Swinford has accumulated over 20 years' experience in the water and wastewater industry. She holds a B.S. in Engineering from the University of Alabama.

**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.

<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>
--	---	--

**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: Continuing Education for Christian County Water District

B. Location and Date/s: Pennyriple Area Development District Office, Hopkinsville, KY March 17, 2017

C. Cost per Student or Group: \$ \_\_\_\_\_

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: 6 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

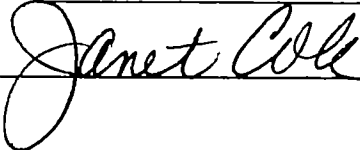
IV. Additional Attachments (required for distance learning courses, optional for other training):

- 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: 

February 6, 2017