



# Kentucky Rural Water Association

Helping water and wastewater utilities help themselves

April 27, 2017

RECEIVED

MAY 2 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 Oldham County Water District on June 1-2, 2017. This session will be held at the Oldham Co. Water District office in LaGrange, Kentucky, and will offer a maximum of 12 hours of continuing education credit (7 hours on day one and 5 hours on day two).

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:** Training for Oldham Co. Water District  
**Date:** June 1-2, 2017  
**Location:** Oldham County Water District Office, LaGrange, 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 twelve hours of continuing education credit (seven hours on Thursday and five hours on Friday).

**TRAINING SUMMARY/TIMED AGENDA**

**DAY ONE – Thursday, June 1, 2017**

**8:30 a.m. – 11:30 a.m. (3 hours)**

**Session 1: Flow Metering**  
**Presenter: Jeff Merman, Automatic Controls**

This all day session will be an in-depth class on flow metering for drinking water and wastewater systems. The morning session will include an introduction to flow instrumentation, types of flow instrumentation, a measuring flow overview, a meter technology overview, fluid considerations and terminology.

**11:30 a.m. – 12:30 p.m. LUNCH BREAK**

**12:30 p.m. – 3:30 p.m. (3 hours)**

**Session 2: Flow Metering (continued)**  
**Presenter: Jeff Merman, Automated Controls**

The afternoon session will continue with topics that will include accuracy vs. precision, installation considerations, what to know about certifications, and using data sheets for flow metering accuracy. During this time frame there will be a discussion of online resources available and some hands-on training.

**3:30 p.m. – 4:30 p.m. (1 hour)**

**Session 3: Vibration Analysis**  
**Presenter: Jeff Merman, Automated Controls**

As many utilities run their pumps and motors to failure, this session will cover the technology of vibration analysis for pumps and motors and will explain how vibration analysis can aid in preventative maintenance. Also included will be a discussion of what vibration is, types of sensors and their mounting concerns, and how vibration is measured.

**DAY TWO – June 2, 2017**

**8:30 a.m. – 11:30 p.m. (3 hours)**

**Session 4: Workplace Safety: Confined Space Entry, Lock-Out/Tag Out, Trench Safety**  
**Presenter: Steve Capps, Kentucky Rural Water Association**

This session will cover several workplace safety topics for confined space entry, Lock-Out/Tag Out, and Trench Safety. Topics will include assessment of the confined space environment, entry into continuous system confined spaces (such as sewers), entry into closed system confined spaces (such as tanks and pits), emergency entry into all confined spaces, and training of employees. Discussion will include what's involved in Locking out and tagging out, what gets locked out, how do you know when to lock out a device, and where do you get the proper devices. Trench safety for utility workers will be addressed and will include types of soils, trench regulation, and competent persons.

**11:30 a.m. – 12:30 p.m. LUNCH BREAK**

12:30 p.m. – 2:30 p.m.

(2 hours)

**Session 5: Line Location**

**Presenter: Dell Harris, Kentucky Rural Water Association**

Water and wastewater utilities frequently have to locate buried lines. Whether a utility is looking for its own lines or trying to avoid another's, accurate line location is of paramount importance. This session will cover the methods, techniques, and equipment used in line location.

#### **SPEAKER BIOS**

**JEFF MERMAN, President, Automatic Controls Co., has over 30 years of experience in Kentucky in the Industrial Instrumentation and controls business. Jeff holds an Associate's degree in Industrial Engineering from Northern Kentucky University.**

**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.**

**Dell Harris joined KRWA in September 1997 as a Circuit Rider. Dell holds an Associate Degree from the Elizabethtown Community College and has both a class IV Distribution license and a class IVA Treatment license. His previous experience includes working as an operator and Interim General Manager for Hardin Co. Water District #1.**

<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: Training for Oldham Co. Water District

B. Location and Date/s: Oldham Co. Water District Office, LaGrange, KY June 1-2, 2017

C. Cost per Student or Group: \$ -0-

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: 12 hrs.

Wastewater Treatment and/or Collection: 12 hrs.

(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

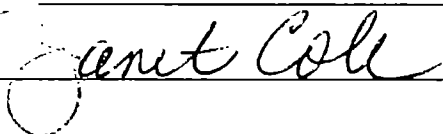
IV. Additional Attachments (required for distance learning courses, optional for other training):

- 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: 

April 27, 2017