



Kentucky Rural Water Association

Helping water and wastewater utilities help themselves

March 20, 2014

RECEIVED

MAR 25 2014

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 its Operator EXPO at the Hardin County Fairgrounds in Glendale, Kentucky on May 14, 2014. We would like to request that this training be approved for continuing education credit for water district commissioners as referenced in regulation 807 KAR 5:070.

Please find enclosed a training summary/timed agenda and biographies for the speakers. Approval for this training session has been submitted to the Kentucky Boards of Certification for Water Treatment and Distribution System Operators and Wastewater System Operators. A copy of the application is enclosed.

With this letter and enclosures, Kentucky Rural Water Association is requesting the approval of up to six (6) hours of continuing education credit for water district commissioners. If additional information is needed, please do not hesitate to contact our office.

Sincerely,

Randall Kelley
Training Specialist

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Enclosures
(Original and 10 copies)

- Session 7** --Site A 9:30 a.m. – 10:00 a.m. 0.5 hrs. DW/WW
Topic: **Peristaltic and Diaphragm Pumps**
Speaker: **Jason McGee, American Development Corporation**
Description: This session will be an overview of maintenance for peristaltic and diaphragm pumps used in both drinking water and wastewater utilities. Examples of both types of pumps will be on hand for operators to view.
- Session 8**—Site B 9:30 a.m. – 10:00 a.m. 0.5 hrs. DW
Topic: **Leak Detection**
Speaker: **Jeff Merman, Automatic Controls Company, Inc.,**
Description: This session will focus on the use of leak detection equipment in the field. Attendees will be able to use leak detection equipment to locate simulated water leaks. Different devices will be compared and contrasted and their pros and cons discussed and demonstrated. This session is a continuation of Session 5.
- Session 9**—Site C 9:30 a.m. – 10:00 a.m. 0.5 hrs. DW
Topic: **Fire Hydrants**
Speaker: **Dennis Burke, American AVK Company**
Description: This session will make use of a cutaway fire hydrant for instructional purposes. Topics covered will include hydrant maintenance, hydrant operation, and hydrant repair.
- Session 10**--Site A 10:15 a.m. – 10:45a.m. 0.5 hrs. WW
Topic: **Sealing Manhole Chimneys**
Speaker: **Matt Terranova, AJ Enterprises**
Description: Manholes are a major source of inflow and infiltration, and the chimney section alone can be a major source of these problems. This session will demonstrate methods for sealing manhole chimneys for the purpose of preventing INI while holding up to the stresses encountered by manhole chimneys.
- Session 11**--Site B 10:15 a.m. – 10:45a.m. 0.5 hrs. DW/WW
Topic: **Generators**
Speaker: **Tracy Knapp, CAT/Whayne Supply Company**
Description: This session will cover proper sizing, selection, operation and safe use of generators. A brief synopsis of best practices for preventative maintenance and service will also be included.
- Session 12**--Site C 10:15 a.m. – 10:45a.m. 0.5 hrs. DW/WW
Topic: **Turbine Pumps**
Speaker: **Emily Miesner, Layne Christensen**
Description: This session will make use of a pump cutaways for instruction. Attendees will learn about the proper installation of pumps, see the inner workings, and learn to troubleshoot various problems that can happen with pumps.
- Session 13**--Site A 11:00 a.m. – 11:30 a.m. 0.5 hrs. WW
Topic: **Positive Displacement Pumps vs Centrifugal Pumps in Low Pressure Systems**
Speaker: **Josh Cravins, Wascon**
Description: Low pressure sewer systems are becoming more and more common across the state. Some utilities only have a handful of grinder stations while others have hundreds. This session will cover the differences between positive displacement pumps and centrifugal pumps when used in low pressure sewer systems.
- Session 14**--Site B 11:00 a.m. – 11:30 a.m. 0.5 hrs. DW/WW
Topic: **Trenching**
Speaker: **Tracy Knapp, CAT/Whayne Supply Company**
Description: This session will cover trenching applications and site preparation. During this segment, instruction will center on proper safety related to those in the trench and those working above and around. Discussion will also cover the available trenching equipment and choosing the right tool for the job.
- Session 15**--Site C 11:00 a.m. – 11:30 a.m. 0.5 hrs. DW
Topic: **The Process of Repairing Water Main Breaks**
Speaker: **Mike Rullo, Smith-Blair, Inc.**
Description: This session will cover the many types and causes of main breaks and illustrate the instrumental process of effective repair. In addition to clamps, service saddles, and coupling systems, this session will illustrate special fabrication products and services which resolve complex problems often encountered in distribution systems.

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Session 16--Site A 11:45 a.m. – 12:15 p.m. 0.5 hrs. DW/WW
Topic: Water and Wastewater Analysis
Speaker: Shayna Lawrence and Ted Simmons, Hach Company
Description: This session will cover a variety of water and wastewater analyses that can be performed in the field. Topics will include the methods for running the analyses, how the analytical equipment operates, calibrations, and steps involved for completion of the analyses.

Session 17--Site B 11:45 a.m. – 12:15 p.m. 0.5 hrs. DW/WW
Topic: Line Location Technologies
Speaker: Bill Lenberger, Ditchwitch of Kentucky, Inc.
Description: This session will cover technologies and tools for locating buried utilities. Included will be a demonstration of ground penetrating radar, a technology capable of finding plastic pipe with no tracer wire.

Session 18--Site C 11:45 a.m. – 12:15 p.m. 0.5 hrs. DW
Topic: Servicing PRVs and Altitude Valves
Speaker: Josh Cravins, Wascon
Description: PRVs and altitude valves are crucial to the proper function of a distribution system, but are often ignored until they fail. This session will cover the basics of proper maintenance of PRVs and altitude valves and will show how simple the task can be.

Lunch: 12:15 p.m. – 1:30 p.m.

Session 19--Site D 1:30 p.m. – 3:30 p.m. 2.0 hrs. DW/WW
Topic: Jar Tests for Wastewater and Water Treatment
Speaker: Glenn Crafton, Brenntag Mid-South, Inc.
Description: Want to know what is going on at your water or wastewater treatment plant? Jar tests can let you know. Jar tests are a great tool for determining how the treatment process at your plant is performing. Jar tests allow operators to determine what levels to feed chemicals, what changes may occur when chemicals or their feed rates are changed. This session will cover how to perform a jar test, how to use the jar test to create useful data, and how to use that data to make changes to the operations at water and wastewater treatment plants.

Session 20--Site D 3:30 p.m. – 4:30 p.m. 1.0 hr. DW/WW
Topic: Operator Responsibilities and Ethics
Speakers: Steve Capps and Clem Wethington, Kentucky Rural Water Association
Description: As operators often do not have someone looking over their shoulder watching their every move, the position of operator requires highly ethical behavior. This session will cover responsibilities and ethics with respect to properly conducting the duties of an operator and the possible consequences of failing to operate in an ethical manner.

Speaker Bios

Sessions 1 and 4 - Eric Muncy is the Mapping-GIS Sales Consultant for PreciSLon Products. Eric has been in the GPS and GIS fields for over 18 years, working on a variety of GIS projects including FEMA Flood Studies, National Guard Environmental Impact Studies, and Stormwater Planning Projects in Oklahoma, Tennessee, North Carolina, and Kentucky. He has worked on a variety of data collection projects from Manhole Inspections to full blown GPS data collections. He graduated from the University of Louisville in 1994 with a BS degree in Geography with a concentration in Environmental Analysis with a focus in his Senior year in GIS/Computer Mapping. Today, he helps educate customers about what particular GPS products might be the best fit for their needs. He also helps train and support customers throughout the Kentucky and southern Indiana area.

Session 2 - Tom Lewis of Lewis Municipal Sales is a graduate of the University of Arkansas, Tech Campus, with a degree in Business Administration and Economics. Tom spent 21 years working for Premier Industrial Corporation in various sales management positions. While with Premier, Tom sold lubrication and coating products primarily to contractors and the steel manufacturing industry. In 1999, Lewis Municipal Sales (LMS) was established as a manufacturer's rep agency and Tom began working in the waterworks industry. The manufacturers represented by Tom's company supply a variety of products, both technical and commodities, to municipalities and contracting companies.

Kentucky Rural Water Association

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

Session 3 - Steve McDowell is employed by Alliance Water Resources. He has worked in the water and wastewater industry over 35 years and was previously employed by Hach Company. He has extensive experience with laboratory instruments and electrochemistry.

Sessions 5 and 8 - JEFF MERMAN of Automatic Controls Co. has over 30 years' experience selling industrial instrumentation and controls in the Commonwealth of Kentucky.

- 21+ years with Automatic Controls Co.
- Prior speaker at various ISA Conferences, TAPPI & other Water & Waste Water Training Classes.
- 25 Year Member of ISA.

Session 6 - DAVID LEIGH is the Corporate Safety Technician for Brenntag Mid-South, Inc. His experience includes that of a Chlorine Plant Manager, a Maintenance Department Manager, a Special Projects Manager, and Corporate Safety Technician. Mr. Leigh has given input for developing chemical product labels, keeping abreast of compliance regulations, and development of training programs. David's education includes Freed-Hardman College in Henderson, Tennessee and Western Kentucky University, Bowling Green, Kentucky (Industrial Hygiene & Occupational Safety & Health).

Corporate Safety Technician

Session 7 - Jason McGee is in Sales and Technical Service for American Development Corporation. Before coming to ADC Jason worked as a private contractor for two years. His work experience includes ten years as the Chief Operator at a surface water plant in Fayetteville, Tennessee. Jason holds a Grade IV water treatment and a Grade II Distribution license in Tennessee.

Session 9 - Dennis Burke of American AVK Company is a graduate of Indiana University and has been involved in the waterworks industry since 1977. His first 36 years were in distribution and the past year as a territory manager for American AVK Company (hydrants and valves). Mr. Burke is a native Kentuckian (born in Jenkins in Letcher County).

Session 10 - Matt Terranova of A J Enterprises has worked in the water and sewer industry for over 25 years. He has experience in doing material take offs of sewer pump and lift stations as well as consulting with engineers on specific materials in these stations. Matt has worked with engineers and municipalities on the different processes for relining manholes and sealing the chimney area to reduce or eliminate inflow and infiltration. Matt holds a B.S. in Mechanical Engineering from the University of Louisville (1986).

Sessions 11 and 14 - Tracy Knapp is the Commercial Business Manager with CAT/Whayne Supply Company. Mr. Knapp earned a business degree from Virginia Wesleyan College, Virginia Beach, Virginia. He has 20+ years of experience with electric power systems with a specialty in critical power applications.

Session 12 - Emily Miesner is an Account Manager for Layne Christensen Company (formerly Reynolds). Emily graduated from University of Louisville with a Bachelors of Science in Business Administration in December of 1999. Emily has successfully completed 2 vertical turbine pump training courses. Layne Christensen Company is a U.S.-based global water management, construction and drilling company, providing responsible solutions for water, mineral and energy resources.

Sessions 13 and 18 - Josh Cravins is the Sales Manager for Wascon, Inc. and has had many years of experience in providing products and service to the water and wastewater industry. He has literally grown up in the business since his family started the company in 1980. Since the beginning, Wascon has provided Tennessee and Kentucky with quality products and service. With years of experience in the municipal business, Wascon is dedicated to providing quality service and products to their customers.

Session 15 - Mike Rullo is the Territory Manager in Indiana and Kentucky for Smith-Blair. Mike has decades of sales and service experience within the pipeline industry.

Session 16 - Shayna Lawrence 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 the 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.

Session 17 - Bill Lenberger is President of Ditchwitch of Kentucky and has been in business since 1965. Ditchwitch offers trenchers, vibratory plows, mini skid steers, excavator tool carriers, directional drills, pipe bursting units, pneumatic piercing tools and underground locating equipment, including penetrating radar. Bill prides himself on sharing knowledge of his equipment and how it can be used for the best interest of his customers.

Session 19 - Glenn E. Crafton is a Water Care Specialist for Brenntag Mid-South. His work history includes being a biology laboratory coordinator at Ole Miss, researcher for the USDA National Sedimentation Lab, a Research Assistant at the University of Southern Mississippi and a high school science teacher. Mr. Crafton earned degrees from Mississippi State (Entomology/Agronomy), University of So. Mississippi (Environmental Biology/Chemistry), the University of Mississippi (MED Science Education) and has completed post graduate work in Science Education.

Session 20 - 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.

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 KRWA from June 1994 to June 1999. 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.

Kentucky Rural Water Association

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Mail to:

Division of Compliance Assistance
Certification and Licensing Branch
Operator Certification Program
300 Fair Oaks Lane
Frankfort, KY 40601

Commonwealth of Kentucky
Department for Environmental Protection

**Application for Approval of Courses for
Continuing Education Credit**

*Drinking Water Treatment, Drinking Water Distribution,
Bottled Water,
Wastewater Treatment and Collection System*

Telephone: 1-800-926-8111
www.dca.ky.gov/certification

*For Official Use Only
Do not write in this space*

COPY

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: 2014 Operator EXPO

B. Location and Date/s: Hardin Co. Fairgrounds, Glendale, KY

May 14, 2014

C. Cost per Student or Group: \$ 50.00

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: 10.5 hrs. (Maximum 6)

Wastewater Treatment and/or Collection: 9 hrs. (Maximum 6)

(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

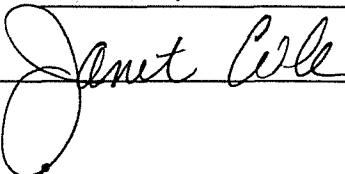
IV. Additional Attachments (required for distance learning courses, optional for other training):

- 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: 

March 11, 2014