

# Kentucky Rural Water Association

Helping water and wastewater utilities help themselves

December 19, 2006

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PUBLIC SERVICE  
COMMISSION

Ms. Beth O'Donnell, Executive Director  
Public Service Commission  
P. O. Box 615  
Frankfort, KY 40602-0615

Dear Ms. O'Donnell:

*Case No. 2006-00561*

Kentucky Rural Water Association will host three (3) regional meetings during the month of January, 2007. We respectfully request that this training be approved for commissioners as referenced in HB-75, KRS 74.020.

Please find enclosed a training summary for these meetings which includes a timed agenda, a description of the sessions, and speaker biographies. Approval of two (2) hours of continuing education credit was approved by the Kentucky Board of Certification of Water Treatment and Distribution System Operators. A copy of their correspondence is also enclosed.

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 call.

Sincerely,

*Janet Cole*

Janet Cole  
Education Coordinator

Enclosures



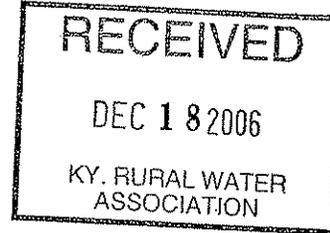
**ENVIRONMENTAL AND PUBLIC PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION**

**Ernie Fletcher**  
Governor

Frankfort Office Park  
14 Reilly Road  
Frankfort, Kentucky 40601  
www.kentucky.gov

**Lajuana S. Wilcher**  
Secretary

November 16, 2006



Janet Cole  
Kentucky Rural Water Assoc.  
P.O. Box 1424  
Bowling Green, KY 42102-1424

Dear Ms. Cole,

At the December 2006 meetings of the Kentucky Boards of Certification of Wastewater System Operators and Drinking Water Treatment and Distribution System Operators your training requests were reviewed.

| <b>Course Title &amp; Date</b>  | <b>DW Continuing Education Hours Approved</b> | <b>WW Continuing Hours Approved</b> | <b>DCA Event ID Number</b> |
|---|---|-------------------------------------|----------------------------|
| Treatment & Distribution Optimization, Sampling, Disinfection & Public Health (1/23/07 - 1/24/07) | 12.0  |                                     | 4646                       |
| Western Regional Meeting 1/25/07  | 2.0   |                                     | 4647                       |
| Northeast Regional Meeting 1/16/07  | 2.0   |                                     | 4648                       |
| Green River Regional Meeting 1/18/07  | 2.0   |                                     | 4649                       |
| 2007 Management Conference - Just Around the Bend 2/12/07 - 2/14/07                               | 9.0   | 9.0 non-process                     | 4643                       |

Within thirty days of completion of the course, please forward a list of attendees to this office. Include the appropriate wastewater or water treatment and/or water distribution certification number and the hours earned for each. When forwarding this information, please reference the DCA event ID number provided above.

If you have any questions or need additional information, please contact the Division of Compliance Assistance, Operator Certification at (502) 564-0323 or (800) 926-8111.

Sincerely,

Lisa Butler  
Certification Program Coordinator  
Division of Compliance Assistance

## **Kentucky Rural Water Association – Regional Meeting**

**Course Title:** Green River Regional Meeting  
**Location:** Ohio County Water District, Hartford, KY  
**Date:** January 18, 2007

### **Learning Objectives:**

The objective of this training session is to educate the attendees about the laboratory requirements for the Stage 2 Disinfection By-product Rule. Attendees will learn detailed information about sampling procedures for cryptosporidium, laboratory analysis, and the costs associated with these analyses.

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

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

**Session 1:** Sampling and Cryptosporidium  
**Presenter:** Christal Wade, W.K.U. Waters Laboratory

*During this session, the presenter will explain the what, where, and when of collecting samples for LT2. The bulk of the class will focus on how to collect and ship the samples and the paperwork involved. Topics of discussion will include:*

1. Cryptosporidium sample collection
2. Cryptosporidium sample handling
3. Laboratory procedures for Cryptosporidium

**Christal Wade**  
**WATERS Laboratory**  
**Center for Water Resource Studies**  
**EST 405**  
**Western Kentucky University**  
**1906 College Heights Blvd #11066**  
**Bowling Green, KY 42101-1066**  
**(270) 282-1170**

**Ms. Christal Wade is currently a Master's Degree candidate in the Biology Department at Western Kentucky University (WKU). She has been employed by the WATERS Laboratory at WKU since November, 2004. Ms. Wade has been involved with the Cryptosporidium and Giardia program at WATERS Lab since she began working there. She is currently a candidate for EPA certification as a Cryptosporidium and Giardia Analyst. She has also recently completed the Kentucky Microbiology Analyst Certification Program.**

## **Kentucky Rural Water Association – Regional Meeting**

**Course Title:** Northeast Regional Meeting  
**Location:** Ponderosa Steak House - Morehead, Kentucky  
**Date:** January 16, 2007

**Division of Water Assigned Course Number:**

### **Learning Objectives:**

There are numerous pricey software packages designed specifically for mapping water systems and other public service utilities. This course teaches participants to select and use inexpensive, off-the-shelf, non-proprietary GPS/GIS devices and systems for accurately mapping and locating valves, pipe lines, meters, etc. A technical description of the GPS satellite system and hand-held units will be provided followed by a hands-on training session. Participants will be provided with hand-held units and asked to mark local features. They will then be trained to transfer the data from the hand-held units to a lap-top computer to provide an accurate location map. This course is appropriate for those with little previous technical training in GPS/GIS systems.

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

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

**Topic:** GPS/GIS  
**Presenter:** Jeffrey L. Lee, P.E., Lee Engineering

This session will provide two (2) hour of training and will provide information on the use of GIS/GPS and will cover such topics as:

1. Selection of GPS/GIS hardware and software
2. Use of hand-held units
3. Accurate mapping
4. Technical description of GPS satellite system

**Jeffrey L. Lee, P.E.**  
Lee Engineering, LLC  
100 N. Main Street, Ste. 218  
Lawrenceburg, KY 40342  
502.598.1186

**Bio:**

Jeffrey Lee holds a B.S. and M.S. in Engineering from the University of Kentucky. He is a registered professional engineer in the state of Kentucky. He has over 20 years experience in drinking water treatment, distribution, and storage. He works with water districts and associations, municipalities, and state and local governments to fund and implement water system improvement projects.

## **Kentucky Rural Water Association – Regional Meeting**

**Course Title:** Western Regional Meeting  
**Location:** Ponderosa Steak House - Draffenville, Kentucky  
**Date:** January 25, 2007

**Division of Water Assigned Course Number:**

### **Learning Objectives:**

The objective of this lesson is to educate the attendees about the laboratory requirements for the Stage 2 Disinfection By-product Rule and the Long Term 2 Enhanced Surface Water Treatment Rule. Attendees will learn about sampling procedures for cryptosporidium, THM's and HAA-5s, laboratory analysis, and the costs associated with these analyses.

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

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

**Session 1:** Stage 2/LT-2 Laboratory Issues  
**Presenter:** Sid Tate, McCoy and McCoy Laboratories

This session will provide two (2) hours of training and will focus on the various laboratory issues involved with complying with the Stage 2/LT-2 rules. The sessions will include:

1. Sampling procedures for cryptosporidium
2. Sampling procedures for THM/HAA-5
3. Laboratory procedures
4. Costs associated with these procedures

## SYD TATE

Syd Tate is the Field Services Corporate Manager for McCoy & McCoy Laboratories, Inc. He is responsible for all water services, including sampling, sample pickup, and project coordination with an emphasis on efficiency and control.

### *Education*

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B.S., Environmental Resources with emphasis on Wildlife Management and Aquatic Biloby, Eastern Kentucky University, 1977

### *Professional Experience*

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Corporate Manager, Field Services, McCoy & McCoy Laboratories, Inc.  
1991-Present

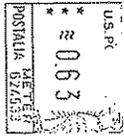
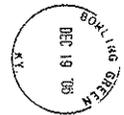
Responsibilities include management and scheduling of all water services, including sampling, sample pickup, and project coordination with an emphasis on efficiency and quality assurance/quality control.

Senior Environmental Technician, McCoy & McCoy Laboratories, Inc.  
1990-1991

Responsibilities include sampling mining permit streams to assure regulatory compliance and sampling commercial/industrial monitoring wells.

Environmental Scientist II/Water Monitoring Technician, Peabody Coal Company  
1982-1990

Managed installation of groundwater monitoring wells, including sampling, recording quality and quantity data, and monitoring quarterly data. Sampled receiving streams in observance of state regulations and reported groundwater and receiving stream data to state agencies. Completed groundwater user inventory for proposed mining areas. Participated in fish and wildlife enhancement projects.



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**Kentucky Rural Water Association**

3251 Spring Hollow Avenue  
Post Office Box 1424  
Bowling Green, KY  
42102-1424



Telephone 270.843.2291  
Facsimile 270.796.8623

TO:

MS. BETH O'DONNELL, EXECUTIVE DIRECTOR  
PUBLIC SERVICE COMMISSION  
P. O. BOX 615  
FRANKFORT, KY 40602-0615