

**CASE**

**NUMBER:**

99 - 119

# Kentucky Rural Water Association

Post Office Box 1424 • 3251 Spring Hollow Avenue • Bowling Green, KY 42102-1424 • Phone: (502) 843-2291 • FAX: (502) 796-8623

April 26, 1999

RECEIVED  
APR 27 1999  
PUBLIC SERVICE  
COMMISSION

Ms. Helen Helton  
Executive Director  
Kentucky Public Service Commission  
730 Schenkel Lane  
P.O. Box 615  
Frankfort, Kentucky 40602

Re: Kentucky Rural Water Association's 1999 Spring Management Conference  
Case No. 99-119

Dear Ms. Helton:

Kentucky Rural Water Association hosted it's Fourth Annual Spring Management Conference at the Bowling Green/Warren County Convention Center on April 14 & 15, 1999 as scheduled. The planned course of instruction approved for nine (9.0) credit hours by the Commission was performed.

Please note the following changes/additions which occurred after KRWA's application was submitted:

**Wednesday, April 14, 1999**

1. Ralph Schiefferle, Procedures Development Coordinator, Kentucky Division of Water, spoke in place of Vicki Ray, Manager, Drinking Water Branch, Kentucky Division of Water.

*"Helping water and wastewater utilities help themselves"*

Ms. Helen Helton  
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2. Gerald Weutcher, Staff Attorney, Kentucky Public Service Commission, spoke in addition to, and on the program with Damon Talley, Attorney, KRWA during the "Ethics" presentation.

**Thursday, April 15, 1999**

1. William Bowker, Director, Division of Engineering, Kentucky Public Service Commission, was added to the agenda as a "Breakfast Bonus" and addressed "Y2K Response & Contingencies for Kentucky Water and Wastewater Utilities."
2. Carryn Lee, Rates & Tariffs Manager, Dennis Jones, Branch Manager, and Gerald Weutcher, Staff Attorney (each from PSC) spoke in place of B.J. Helton, Chairperson, Kentucky Public Service Commission.
3. Dr. Ed Houston, Director, and Dr. Ouida Meier, Database Manager, Western Kentucky University Technical Assistance Center for Water Quality, spoke in addition to, and on the program with Andy Lange, Member Services Director and Phillip East, Education Services Director, Kentucky Rural Water Association.

Please find enclosed with this correspondence a copy of the agenda (Menu) used at the conference. It has been marked to reflect the changes/additions indicated above.

On behalf of Kentucky Rural Water Association, I hereby attest that the program herein referenced as "1999 Spring Management Conference", including all training approved by The Commission, was performed on April 14 and 15, 1999 in Bowling

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Green, Kentucky. As required, KRWA has retained a record of all persons attending the approved course.

Kentucky Rural Water Association would like to thank The Kentucky Public Service Commission and staff for your leadership and support in approving and helping to present the training offered during our 1999 Spring Management Conference.

Sincerely,

*Phillip East*  
Phillip East,  
Education Services Director

PE/dcm

*Andrew Lanza*  
\_\_\_\_\_  
Notary  
*5 March 2000*  
\_\_\_\_\_  
My Commission Expires

# Menu

**Kentucky Rural Water Association**



**A WORK IN PROGRESS!**

**APRIL 14 - 15, 1999**



7:30 - 10:30 **REGISTRATION & REFRESHMENT** Conference Center Lobby

9:00 **MAITRE D'** **Garland VanZant, President**  
Ballroom B Kentucky Rural Water Association

9:15 - 10:15 **APPETIZER** **MANAGING IN THE NEW MILLENNIUM**  
Ballroom B **Bill Jarocki, Director**  
Environmental Finance Center, Boise State University

Mr. Jarocki brings a wealth of experience in state and local government and utility management. His motivational Keynote will include a brief review of the past fifty years of change in America, the impacts of population growth on the environment, and the challenges facing water and wastewater utilities.

10:15 - 10:30 **BREAK**

10:30 - 11:30 **SOUP & SALAD** **SDWA - CAPACITY DEVELOPMENT**  
Ballroom B ~~Vicki Ray, Manager~~ **Ralph Schiefferle**  
Kentucky Division of Water, Drinking Water Branch

Ms. Ray will update water utilities on the state's progress for implementing a Capacity Development strategy for Kentucky. The SDWA added new requirements on water systems relating to their technical, managerial, and financial capacities. Learn how these provisions will affect your system.

11:30 - 1:00 **LUNCH** **ON YOUR OWN**

1:00 - 2:15 **1st COURSE** **ETHICAL ISSUES FOR UTILITY BOARDS & STAFF**  
Ballroom B **Damon Talley, Attorney**  
Kentucky Rural Water Association

Mr. Talley will outline issues of ethical behavior which are important in conducting the public's business. Issues for discussion will include: conflict of interest, code of ethics, fiduciary responsibilities, open meeting/open records laws, nepotism, and duty of loyalty.

1:00 - 2:15 **2nd COURSE** **ETHICS & ROLES OF CONSUMER CONFIDENCE REPORTING, PART 1**  
Ballroom A **Ralph Schiefferle, Procedures Development Coordinator**  
Kentucky Division of Water  
**Clem Wethington, Program Specialist**  
Kentucky Rural Water Association

This two-part presentation will provide participants with a hands-on opportunity for practically dealing with the Consumer Confidence Reporting requirements of the SDWA. Mr. Schiefferle, with assistance from Clem Wethington, will lead you through the entire CCR process during this first year of the new regulation.

2:15 - 2:30 **BREAK**

2:30 - 3:45 **1st COURSE** **IMPLEMENTING THE NEW RATE MOD PRO SOFTWARE - "A MODERN" WAY**  
Ballroom B **Russell A. Barnett, Director for Research and Development**  
KIESD, University of Louisville

This session will introduce the participants to RateMod Pro, a software program that can benefit utilities striving to improve their financial analysis abilities in the areas of budgeting, rate setting, cost of service

analysis, and capital planning. Mr. Barnett will also introduce the goals and programs of the Environmental Finance Center at U of L as they relate to water and wastewater utilities in Kentucky.

2:30 - 3:45

**2nd COURSE**

Ballroom A

**THE RULES & BOLTS OF CONFIDENTIAL REPORTING, PART 2**  
**Ralph Schiefferle**, Procedures Development Coordinator  
 Kentucky Division of Water  
**Clem Wethington**, Program Specialist  
 Kentucky Rural Water Association

3:45 - 4:00

**DESSERT**

Ballroom B

**Phillip East**, Education Services Director  
 Kentucky Rural Water Association

6:00 - 10:00

**COCKTAILS/DINNER/HOP**

Ballrooms C & D

**Join us for food, fun, and the Fifties!** At 6:00 p.m. start things off with a cocktail hour followed by a meal at the KRWA Diner. After dinner, the Hop begins with a DJ playing tunes from the Fifties, costumes from the decade of "Happy Days," hula hooping, and other contests.



7:30 - 9:00

**REGISTRATION & BREAKFAST**

Conference Center Lobby/Ballroom A

8:15 - 8:45

**BREAKFAST BONUS**

Y2K Response & Contingency for Kentucky Water & Wastewater Utilities  
~~Kentucky Department of Energy~~ William Bowker

9:00 - 9:15

**BON APPETIT**

Ballroom B

~~The Honorable Jody Richards, Speaker~~ Gary Larimore  
 Kentucky House of Representatives

9:15 - 10:15

**FOR OPENERS**

Ballroom B

**MANAGING CHALLENGES IN RISING CHANGING TIMES**  
**Caryn Lee**, Rates & Tariffs Manager  
**Dennis Jones**, Branch Manager  
**Gerald Weutcher**, Staff Attorney  
 Kentucky Public Service Commission

Ms. Lee, Mr. Jones, and Mr. Weutcher will discuss the challenges and trends facing water and wastewater utilities from the perspective of the Public Service Commission. This session will be particularly focused on the new regulations governing Water District Commissioner training contained in KRS 74.020(6).

10:15 - 10:30

**BREAK**

10:30 - 11:30

**ENTREE'**

Ballroom B

**NEW SDWA RULES - DISINFECTION BY-PRODUCTS**  
**Vicki Ray**, Manager  
 Kentucky Division of Water, Drinking Water Branch

Ms. Ray will offer the latest update on major new regulations contained in the SDWA, the Disinfection/Disinfection By-Products Rule and the Interim Enhanced Surface Water Treatment Rule. Through this session gain a better understanding of what these upcoming rules will have on your system.

11:30 - 1:00

**LUNCH**

PLEASE BE OUR GUESTS FOR A BOX LUNCHEON IN BALLROOM A.

**Continued on Back**

1:00 - 2:00

**MAIN COURSE**

Ballroom B

THE WKU TECHNICAL ASSISTANCE CENTER FOR WATER QUALITY

**Dr. Ed Houston**, Director  
WKU Technical Assistance Center for Water Quality  
**Dr. Ouida Meier**, Database Manager  
WKU Technical Assistance Center for Water Quality

The WKU Technology Assistance Center for Water Quality was established in July 1998. KRWA is an active partner in the programs that this EPA funded center is now offering to small water systems in Kentucky. This session will serve to introduce the activities of the Center and to introduce its informative website.

2:00 - 2:15

**BREAK**

2:15 - 3:45

**INTRODUCING:**

Ballroom B

UTILITY MANAGEMENT INSTITUTE

FOR THE UTILITY INDUSTRY, DEVELOPMENT AND RESEARCH ASSOCIATION

**Andy Lange**, Member Services Director  
Kentucky Rural Water Association  
**Phillip East**, Education Services Director  
Kentucky Rural Water Association

This session will introduce the Utility Management Institute (UMI), a management training program being developed by KRWA with EPA funding through the WKU Technical Assistance Center. The UMI program and courses are to be established over a four-year period. An introductory course is now being developed. A sampling of the type of training to be available from UMI will be presented in condensed form in this session.

3:45 - 4:00

**BON VOYAGE**

Ballroom B

**Gary Larimore**, Executive Director  
Kentucky Rural Water Association

**CONFERENCE SPONSORS**

**PROGRAM**

**Appalachian States Analytical, LLC**

**PROGRAM**

**CDP Engineers, Inc.**

**DINNER/HOP**

**Commonwealth Technology, Inc.**

**BREAKFAST**

**Elrod-Dunson, Inc.**

**DINNER/HOP**

**Insurors of Kentucky**

**PROGRAM**

**PEH Engineers/Strand Associates**

**LUNCH**

**Public Entity Insurance, Inc.**

**BREAKFAST**

**Quest Engineers, Inc.**

**DINNER/HOP**

**Summit Engineering, Inc.**

**LUNCH**

**United Systems & Software, Inc.**



KENTUCKY RURAL WATER ASSOCIATION

TRAINING FOR WATER COMMISSIONERS PER HB-75 KRS 74.020

IN THE MATTER OF KENTUCKY RURAL WATER ASSOCIATION FOR  
APPROVAL OF TRAINING FOR WATER COMMISSIONERS AND BOARD  
MEMBERS PURSUANT TO HB-75 KRS 74/020

SEQ NBR	ENTRY DATE	REMARKS
0001	03/25/99	Application.
0002	03/26/99	Acknowledgement letter.
0003	04/07/99	FINAL ORDER; APPROVES PROPOSED COURSE OF INSTRUCTION



COMMONWEALTH OF KENTUCKY  
**PUBLIC SERVICE COMMISSION**

730 SCHENKEL LANE  
POST OFFICE BOX 615  
FRANKFORT, KY. 40602  
(502) 564-3940

CERTIFICATE OF SERVICE

RE: Case No. 99-119  
KENTUCKY RURAL WATER ASSOCIATION

I, Stephanie Bell, Secretary of the Public Service Commission, hereby certify that the enclosed attested copy of the Commission's Order in the above case was served upon the following by U.S. Mail on April 7, 1999.

Parties of Record:

Mr. Phillip East  
Director Education Services  
Kentucky Rural Water Association  
Post Office Box 1424  
3251 Spring Hollow Avenue  
Bowling Green, KY. 42101 1424

*Stephanie D. Bell*

Secretary of the Commission

SB/sa  
Enclosure

Handwritten text: *Handwritten text*

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

KENTUCKY RURAL WATER ASSOCIATION'S )  
APPLICATION FOR ACCREDITATION AND ) CASE NO. 99-119  
APPROVAL OF A COURSE OF TRAINING FOR )  
WATER DISTRICT COMMISSIONERS )

ORDER

The Kentucky Rural Water Association ("KRWA") has applied for accreditation of a course of instruction entitled "1999 Spring Management Conference," which is scheduled to be held on April 14 and 15, 1999, in Bowling Green, Kentucky. Pursuant to KRS 74.020(7), this Commission is required to "encourage and promote the offering of high quality water district management training programs that enhance a water district commissioner's understanding of his or her duties." The conference for which approval is sought includes instruction regarding, inter alia, trends in applicable law and regulations; water treatment; and utility management, finance, and administration. Having reviewed the KRWA's application describing the proposed course, the Commission finds that the proposed course will enhance a water district commissioner's understanding of his or her duties and should be approved for 9.0 credit hours of water district management training.

IT IS THEREFORE ORDERED that:

1. KRWA's proposed course of instruction entitled "1999 Spring Management Conference," which will be held on April 14 and 15, 1999 in Bowling Green, Kentucky, is hereby approved for a maximum of 9.0 credit hours.

2. KRWA shall retain a record of all persons attending the approved course of instruction.

3. Within 14 days of completion of the training, KRWA shall file with the Commission a sworn statement attesting that the approved course of instruction was performed and, if any changes in the speakers or course curriculum occurred after KRWA's application, a description of those changes.

Done at Frankfort, Kentucky, this 7th day of April, 1999.

By the Commission

ATTEST:

  
Executive Director



COMMONWEALTH OF KENTUCKY  
**PUBLIC SERVICE COMMISSION**

730 SCHENKEL LANE  
POST OFFICE BOX 615  
FRANKFORT, KY. 40602  
(502) 564-3940

March 26, 1999

Mr. Phillip East  
Director Education Services  
Kentucky Rural Water Association  
Post Office Box 1424  
3251 Spring Hollow Avenue  
Bowling Green, KY. 42101 1424

RE: Case No. 99-119  
KENTUCKY RURAL WATER ASSOCIATION  
TRAINING FOR WATER COMMISSIONERS PER HB-75 KRS 74.020

This letter is to acknowledge receipt of initial application in the above case. The application was date-stamped received March 25, 1999 and has been assigned Case No. 99-119. In all future correspondence or filings in connection with this case, please reference the above case number.

If you need further assistance, please contact my staff at 502/564-3940.

Sincerely,  
*Stephanie Bell*

Stephanie Bell  
Secretary of the Commission

SB/sh

99-00140

# Kentucky Rural Water Association

Post Office Box 1424 • 3251 Spring Hollow Avenue • Bowling Green, KY 42102-1424 • Phone: (502) 843-2291 • FAX: (502) 796-8623

RECEIVED

MAR 25 1999

PUBLIC SERVICE  
COMMISSION

March 9, 1999

Ms. Helen Helton  
Executive Director  
Public Service Commission  
P.O. Box 615  
Frankfort, KY 40602

Case No. 99-119


Dear Ms. Helton:

Kentucky Rural Water Association will host it's Third Annual Spring Management Conference at the Bowling Green/Warren County Convention Center on April 14-15, 1999. We request that this training be approved for commissioners, as referenced in the new law (HB-75) KRS 74.020.

Please find enclosed a timed agenda, a description of each session and speaker biographies. This is our first request to the Public Service Commission for commissioner training hours. If additional information is needed, please do not hesitate to call.

With this letter and enclosures, Kentucky Rural Water Association is requesting the approval of nine (9) hours for commissioner and board member training.

Sincerely,

  
Phillip East  
Director Education Services

PE/dvh

Enclosures

*"Helping water and wastewater utilities help themselves"*

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## **TRAINING SUMMARY**

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**1999 Spring Management Conference  
April 14-15, 1999  
Bowling Green/Warren County Convention Center  
Bowling Green, Kentucky**

**Presented By: Kentucky Rural Water Association**

This two-day management conference will be directed toward the decision makers, operators and office personnel of water and wastewater utilities throughout Kentucky. Anyone in operations, office administration, management or board activities who wishes to learn more about water and wastewater utilities in Kentucky will benefit by attending this conference.

A timed agenda, speaker names, and a brief description of each session follows.

### **DAY ONE - WEDNESDAY, APRIL 14, 1999**

**TIME: 8:00 A.M. - 9:00 A.M. - Registration**

**TIME: 9:00 A.M. - 9:15 A.M. - Welcome and Introductions  
Garland VanZant, President  
Kentucky Rural Water Association**

### **OPENING SESSION - KEYNOTE ADDRESS**

**TIME: 9:15 A.M. - 10:15 A.M. 1.0 hrs.**  
**TOPIC: Managing in the New Millennium**  
**PRESENTER: Bill Jarocki, Director  
Environmental Science Center, Boise State University**

This session will provide one (1) hour of classroom training and will address issues affecting management and operation of water and wastewater systems in Kentucky. This motivational opening session will include the following:

- A. Water and Wastewater - A review of the past fifty years of progress and changes across America.
- B. The Impact of Increased Population and Growth on the Environment.
- C. Protection of Public Health Through National Legislation - The Clean Water and Safe Drinking Water Acts.
- E. Technology, Computers, Y2K, and Tools For Success
- D. The Challenge For More Effective Operation and Management of Water And Wastewater Systems.



**TIME: 10:15 A.M. - 10:30 A.M. - BREAK**

SESSION TWO (All Participants)

**TIME: 10:30 A.M. - 11:30 A.M. 1.0 hrs.**  
**TOPIC: SDWA - Capacity Development**  
**PRESENTER: Vicki Ray - Manager, Kentucky Division of Water  
Drinking Water Branch**

This session will offer one (1) hour of classroom training and will provide attendees with the latest update on major portions of the SDWA. Capacity Development will be the primary focus of this session, but Ms. Ray will touch on other aspects of Federal Legislation affecting Water and Wastewater Utilities. The following will be included:

- A. What Does It Take To Run a Water or Wastewater System?
- B. Guidelines For Determining Capacity - Federal Laws, State Programs.
- C. Defining Technical, Financial, and Managerial Expertise.
- D. Identifying Significant Non-compliance and The Reasons For It.
- E. Common Goals For Water and Wastewater Compliance.

*Those in attendance should derive the following benefits from this presentation:*

- A. Develop a better understanding of water and wastewater system operation and maintenance.
- B. Become more knowledgeable of federal laws and state programs which identify water and wastewater system responsibilities for assuring the protection of public health.
- C. Identify the areas where more work is needed in respective systems.
- D. Gain the support of peers and identify regulatory resources for achieving common goals.

**TIME: 11:30 A.M. - 1:00 P.M. - LUNCH**

SESSION THREE - (Two Tracks)

TRACK I

**TIME: 1:00 P.M. - 2:15 P.M. 1.25 hrs.**  
**TOPIC: Ethics Issues For Utility Boards and Staff**  
**PRESENTER: Damon Talley, Attorney**

This session will provide one and one-quarter (1 & 1/4) hours of classroom training while addressing various ethics issues confronting utility board members, office personnel, and operators of water and wastewater systems. These issues include:

- A. Conflicts of Interest Laws
- B. Code of ethics
- C. Fiduciary Responsibilities
- D. Open Meetings Laws
- E. Nepotism
- F. Duty of Loyalty

*Those in attendance should derive the following benefits from this presentation:*

- A. Recognize and avoid conflicts of interest.
- B. Comply with federal, state, and local laws.
- C. Maintain and enhance public confidence and trust in the utility and its staff.
- D. Assist in the development of the managerial component of capacity development.

## TRACK TWO

**TOPIC: Utility Personnel & Consumer Confidence Reporting, Part I**  
**PRESENTER: Ralph Schiefferle, Kentucky Division of Water**  
**Clem Wethington, Kentucky Rural Water Association**

This session is the first part of a two part presentation which is fashioned as a consumer confidence workshop. Ralph Schiefferle will be the primary presenter with assistance from Clem Wethington. One and one-quarter (1 & 1/4) hours of training will be available for this session. The follow items will be covered:

- A. Introduction - The Safe Drinking Water Act
- B. National Primary Drinking Water Regulations - A review of regulations concerning Consumer confidence reports as required by 40 CFR Part 141 (Title 40 of the Code of Federal Regulations).
- C. Consumer Confidence Reporting Requirement
  - 1. Who Has To Report?
  - 2. What Are The Important Reporting Deadlines?
  - 3. How System Size Effects Notification
- D. EPA, Templates, and The Primacy Agency

**TIME: 2:15 P.M. - 2:30 P.M. - BREAK**

## SESSION FOUR (Two Tracks)

### TRACK ONE

**TIME: 2:30 P.M. - 3:45 P.M. 1.25 hrs.**  
**TOPIC: Help In Establishing Utility Rate Structures - "RateMod Pro"**

**PRESENTER: Russ Barnett, Director  
University of Louisville Environmental Finance Center**

This session will provide one and one-quarter (1&1/4) hours of classroom training and will address budgeting concerns of water and wastewater systems. This presentation will describe the issues to be considered by a water or wastewater utility in setting rates that enable efficient management, which, in turn, reflects management and financial expertise required by capacity development. The following items will be discussed:

- A. Ensuring Environmental Protection - Clean Water and Safe Drinking Water Acts
- B. Management Capacity - Ownership, Staffing, Policies, Planning.
- C. Financial Capacity - Revenue Sufficiency, Credit Worthiness, Fiscal Management, Budgeting.
- D. Financial Analysis and Rate Setting - "RateMod Pro"
  - 1. Performing a cost-of-service analysis
  - 2. Developing demand-based and equitable user rates
  - 3. Preparing a six-year budget
  - 4. Scheduling capital improvements

*The benefits derived by those in attendance at this session should include:*

- A. Learn to evaluate financing alternatives.
- B. Learn to deal with flat rates, minimum charges, plus uniform volume and block rates.
- C. How to generate a borrowing schedule based upon planned capital improvements.
- D. How to provide for "What-if" scenario analysis.
- E. Understand the elements of Financial Capacity.

## TRACK TWO

**TOPIC: Utility Personnel & Consumer Confidence Reporting, Part II**  
**PRESENTER: Ralph Schiefferle, Kentucky Division of Water**  
**Clem Wethington, Kentucky Rural Water Association**

This session is the second part of a two part presentation which is fashioned as a consumer confidence report workshop. Clem Wethington will be the primary presenter with assistance from Ralph Schiefferle. One and one-quarter (1&1/4) hours of training will be available for this session. The following will be covered:

- A. Consumer Confidence Report Template - This will include a review of the CCR Template as prepared by the National Rural Water Association.
- B. Consumer Confidence Report Template Instructions - This includes instructions for each section of the template including optional and required language.
- C. Converting Analysis Results Into CCR Units and Data Entry - This is a hands-on work session to illustrate the actual entry of data into the Consumer Confidence Report and conversions of analysis results into CCR Units for entries into the

Test Results Table of the Consumer Confidence Report.

*The benefits derived from attending this two-part workshop includes:*

- A. Recognition of the CCR requirement.
- B. Resolving to meet the CCR requirement.
- C. Assessing specific needs of system in fulfilling CCR requirements.
- D. Identifying available state, association, and other resources available.
- E. How to assemble the information required.
- F. How to compile and prepare the CCR.

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**Total Hours Day One** **4.5**

**DAY TWO, THURSDAY, APRIL 15, 1999**

**TIME: 8:00 A.M. - 9:00 A.M. - Registration**

**TIME: 9:00 A.M. - 9:15 A.M. - Welcome and Introductions**  
**Allan VanMeter, Past President**  
**Kentucky Rural Water Association**

**GENERAL SESSION - ALL PARTICIPANTS**

**TIME: 9:15 A.M. - 10:15 A.M. 1.0 hrs.**  
**TOPIC: Managing Utilities In Rapidly Changing Times**  
**PRESENTER: B.J. Helton, Chairperson**  
**Kentucky Public Service Commission**

This session will provide one (1) hour of classroom training and will focus on the challenges facing water and wastewater utility operators and managers as the new century approaches. General trends as viewed from the perspective of the Kentucky Public Service Commission will be reflected in coverage of the following current issues:

- A. System Development Charges - Design and Use - A Case In Point
- B. Water District Commissioner Training Programs -
  - 1. Intent and explanation of the regulation (KRS 74.020[6]).
  - 2. Getting P.S.C. approval for training programs.
  - 3. Specific subject areas for training programs.
  - 4. Expirations and renewals.
- C. Other Public Service Commission Issues Affecting Water or Wastewater Utilities

*The benefits derived by those who attend this program should include:*

- A. Gaining a better understanding of the role and relationships of system operators, managers, board members, regulatory authorities, and customers.
- B. Developing a greater appreciation of personal and public education efforts in all areas of water and wastewater operations and maintenance.
- C. Creating a genuine commitment to protection of public health and environment through support of programs and activities that enhance the operation and maintenance of water and wastewater systems.

**TIME: 10:15 A.M. - 10:30 A.M. - BREAK**

**SESSION TWO (All Participants)**

**TIME: 10:30 A.M. - 11:30 A.M. 1.0 hrs.**  
**TOPIC: New SDWA Rules - Disinfection/Disinfection By-Products**

**(D/D.P.) & Interim Enhanced Surface Water Treatment Rule  
(IESWTR)**

**PRESENTER:** **Vicki Ray, Manager, Kentucky Division of Water,  
Drinking Water Branch**

This session will provide one (1) hour of classroom training and will offer attendees the latest update of major portions of the SDWA. Disinfection/Disinfection By-products (D/D.P.) and Interim Enhanced Surface Water Treatment Rule (IESWTR) will be the primary focus of this session, but Ms. Ray will address other aspects of Federal Legislation effecting Water and Wastewater Utilities in Kentucky. Among the items included will be the following:

- A. The Problems Identified With Disinfection By-Products.
- B. Risk-risk Balancing And Cost-benefit Analysis - One or Both?
- C. Screening, Stage I, And Stage II - Where Are We Now?
- D. The Interim, Long-Term 1, and Long-Term 2 Enhanced Surface Water Treatment Rule.

*The benefits derived by those in attendance should include the following:*

- A. A better understanding of the benefits and possible risks of disinfection.
- B. An awareness of the study methods, results, and planned reviews regarding these EPA regulations.
- C. An appreciation for the magnitude and complexity of regulations which directly and indirectly effect drinking water quality and wastewater discharge quality.

**TIME:** **11:30 A.M. - 1:00 P.M. - LUNCH**

SESSION THREE (All Participants)

**TIME:** **1:00 P.M. - 2:00 P.M.** **1.0 hrs.**  
**TOPIC:** **The Utility Management Institute & WKU Technology  
Assistance Center**  
**PRESENTER:** **Andy Lange, Member Services**

This session will provide one (1) hour of classroom training and will introduce the Utility Management Institute & Western Kentucky University Technology Assistance Center. The SDWA of 1996, through capacity development provisions, is redirecting the focus of federal regulation of public water systems from one with a concentration on operations to one which supports the improvement of technical, financial, and managerial capacities. The Utility Management Institute & WKU Technology Assistance Center, in partnership with Kentucky Rural Water Association, is developing modern, practical management training specifically for public water and wastewater utility personnel. In introducing this EPA funded program, the only one of its kind in Region IV, Mr. Lange will present the following training topics:

- A. Background of the Center at WKU.
- B. Scope of the Program
  - 1. Target Group
  - 2. Type of Training
  - 3. Training Materials
  - 4. Developing a Certification Program for Water & Wastewater Managers and Board Members.
- C. Introducing The Course Topics
  - 1. Historical Background of Drinking Water Treatment & Distribution
  - 2. Federal and State Regulations for Drinking Water and Wastewater
  - 3. Utility Organizational Structure in Kentucky
  - 4. Introduction to Modern Utility Management
  - 5. The Basics of Utility Finance
  - 6. The Basics of Personnel Administration
  - 7. Becoming a Customer-friendly Utility

*The benefits to be derived by those in attendance will include:*

- A. The opportunity to plan effective training to meet the growing management needs of water and wastewater system operators, managers, board members and commissioners.
- B. A better understanding of utility management, including basic finance and accounting methods, human resource management, and customer relations.
- C. A broader appreciation of the need to be well informed, the importance of the roles and relationships required of utility personnel, and factors that contribute to maintaining system capacity consistent with SDWA requirements.

**TIME:                    2:00 P.M. - 2:15 P.M. - BREAK**

SESSION FOUR (All Participants)

**TIME:                    2:15 P.M. - 3:45 P.M.                    1.5 hrs.**  
**TOPIC:                    The "History of Water" and Drinking Water Regulations**  
**PRESENTER:            Phillip East, Education Services,**  
**Kentucky Rural Water Association**

This session will provide one and one-half (1&1/2) hours of classroom training and will be a condensed version of two of the training modules currently being developed by the Utility Management Institute & WKU Technology Assistance Center. The training provided during this session will include presentations in the following areas:

- A. Historical Background of Drinking Water and Wastewater Practices
  - 1. Water & the World - Where Does It Come From, Where Does It Go?
  - 2. Thirst - The Individual, The Family, The Village, & The World.
  - 3. Water, Disease, & Wastewater
  - 4. Treatment, Storage, and Delivery

5. Meeting Today's Needs For Clean Water
- B. Drinking Water Regulations
  1. Health-related Reasons For Maintaining Water Quality
  2. Early Attempts to Introduce Standards
  3. Federal Agencies - The Public Health Service And EPA
  4. The Original Safe Drinking Water Act
  5. The SDWA Amendments of 1996
  6. Kentucky Division of Water and Kentucky Public Service Commission

*The benefits derived from attending this session should include the following:*

- A. A better understanding of the history of drinking water and wastewater.
- B. A recognition of the resources available and the necessity of protecting them.
- C. An appreciation for the laws and regulations necessary to guarantee safe drinking water.
- D. The opportunity of being a part of the first delivery of training components of The Utility Management Institute & WKU Technology Assistance Center designed especially for operators, managers, commissioners and board members of water and wastewater systems.

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**Total Hours For Day Two - 4.5 hrs.**

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**Total Hours For Both Days - 9.0 hrs.**

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Kentucky Rural Water Association requests the approval of nine (9) training hours for this conference which can be applied toward drinking water and wastewater certification.

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# BIOGRAPHY

PHILLIP N. EAST

CIRCUIT RIDER #2

KENTUCKY RURAL WATER ASSOCIATION

Prior to coming to work for The Kentucky Rural Water Association, the Circuit Rider served as Water Treatment Superintendent for the City of Franklin, Kentucky. Before moving to Kentucky, he worked as Treatment Plant Operator for The Hendersonville Utility District in Hendersonville, Tennessee.

Previous employment had been with the City of Odessa and The City of Austin, Texas where Mr. East worked his way up through the ranks serving as Chemical and Filter Operator, Instrument Technician, Maintenance Mechanic, Maintenance Foreman, Chief Operator, Assistant Plant Superintendent, Plant Supervisor, and Plant Operations Supervisor. He has worked with ground and surface water systems utilizing Accelerated Solids Contact Treatment and Conventional Treatment in plants ranging from 5 MGD to 60 MGD.

The Circuit Rider earned a Bachelor of Science Degree from The University of Texas at Austin and has done graduate work in Public Administration at South West Texas State University at San Marcos, Texas.

Having been a member of the Capital Area Water and Wastewater Association in Texas, The Texas Water Utilities Association, and The American Water Works Association, Mr. East currently holds Certification in Texas, Tennessee, and Kentucky at the highest available technical levels.

With their oldest daughter, Kimberly, living in Nashville, Phillip and his wife, Joyce, reside with their two sons, Jonathan and Jeffrey, in Allen County, Kentucky.

# ANDREW C. LANGE

519 Claremoor Drive  
Bowling Green, Kentucky 42101  
502.842.1876

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## EMPLOYMENT

**Member Services Director** **1989 to Present**  
KENTUCKY RURAL WATER ASSOCIATION (KRWA) BOWLING GREEN, KENTUCKY

Responsible for administration of KRWA's membership programs, acts as the current Water Development Coordinator, involved in the Interim Loan Program, and responsible for all publications produced by the Association.

**Public Administration Specialist** **1983 to 1989**  
BARREN RIVER AREA DEVELOPMENT DISTRICT (BRADD) BOWLING GREEN, KENTUCKY

Provided financial, legal, and administrative assistance to the cities and counties within the ten-county BRADD region.

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## EDUCATION

**Masters of Public Administration** **1988**  
WESTERN KENTUCKY UNIVERSITY BOWLING GREEN, KENTUCKY

**Bachelor of Science - Geography (City & Regional Planning)** **1983**  
WESTERN KENTUCKY UNIVERSITY BOWLING GREEN, KENTUCKY

**B. J. Helton**

Commissioner, Kentucky Public Service Commission, Member Water Committee, NARUC; Indiana University (BS with Distinction, Health and Physical Education 1969), Morehead State University (M.H. Ed. 1971, Higher Education Administration), Florida State University (Ph.D. 1978, The Design and Management of Postsecondary Education Systems); Instructor, Pikeville College (1969-72); Owner/Manager of Pikeville Jewelers (1971-73); Council on Higher Education: Higher Education Specialist (1973-77), Assistant Director of Undergraduate Programs (1977-79), Special Assistant (1979-80) and Assistant Director of Academic Programs (1988-90); President of Helton & Co., Inc. (1992-96); assumed Commissionership October 1996, current term ends July, 2000.

## Russell A. Barnett

Kentucky Institute for the Environment and Sustainable Development  
202 Patterson Hall, University of Louisville  
Louisville, Kentucky 40292  
(502) 852-1851

### EMPLOYMENT

**Director for Research and Development** 1996-present  
KENTUCKY INSTITUTE FOR THE ENVIRONMENT AND SUSTAINABLE DEVELOPMENT, UNIVERSITY OF LOUISVILLE  
LOUISVILLE, KY

Responsible for the coordination of eight thematic centers: Environmental Engineering, Environmental Education, Environmental Management, Environmental Policy, Sustainable Urban Neighborhoods, Environmental Sciences, Environmental Health Sciences, and Pollution Prevention Center. The Institute provides a neutral forum for policy development, research, education and community services on environmental related issues. The institute draws faculty from the schools of law, education, engineering, arts and sciences, business and public administration to create multi disciplinary teams to address environmental issues. Over \$3.5 million in grants and contracts to conduct environmental research or to implement environmental programs are obtained by the Institute each year.

**Deputy Commissioner** 1988-1996  
KENTUCKY DEPARTMENT FOR ENVIRONMENTAL PROTECTION FRANKFORT, KY

Responsible for administration of a 780-person Department with an annual budget of more than \$55 million. Provided oversight and management of state air quality, water quality, water resources, drinking water, solid and hazardous waste, Superfund, underground storage tank, and laboratory programs. Developed state policies, regulations, and statutes. Prepared the first statewide Environmental Management Plan which was the catalyst for increasing the Department's budget by 50 percent and staffing levels from 405 to 780 employees.

**Environmental Scientist** 1987-1992  
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION IV ATLANTA, GA

Responsible for assisting in the development of regional policies and plans. Initiated the Waste Reduction Resource Center in North Carolina which assists the eight southeastern states in implementing pollution prevention programs. Participated in a national study for the US EPA that resulted in the preparation of a "list of lists" of toxic chemicals. Was lent to the Kentucky Department for Environmental Protection under an IPA from 1988 to 1992.

**Principal Assistant to the Commissioner** 1985-1987  
KENTUCKY DEPARTMENT FOR ENVIRONMENTAL PROTECTION FRANKFORT, KY

Project administrator for a U.S. Environmental Protection Agency national pilot project to analyze and make recommendations for improving decision-making processes within environmental agencies. Responsible for developing a decision support system for the Department to allow multimedia analyses of environmental problems, using both automated and procedural processes. Assisted in the development of legislation and the creation of a technical support organization to encourage pollution prevention.

**Environmental Control Manager** 1984-1985  
KENTUCKY DIVISION OF WASTE MANAGEMENT, DEP FRANKFORT, KY

Program Development Branch Manager with direct supervision responsibilities for the staff preparing all hazardous and solid waste regulations, public educational programs, waste policy analysis, and program administration for the state. Prepared all Division grant applications and reports

**Environmentalist** 1982-1984  
KENTUCKY DIVISION OF WASTE MANAGEMENT, DEP FRANKFORT, KY

Responsible for the preparation of statutes, regulations and guidelines on the preparation of local solid

waste management plans. Program coordinator to provide technical assistance to county governments in the area of solid waste management. Developed and implemented a financial assistance program for local governments to address solid waste management problems.

**Staff Professional**  
COUNCIL OF STATE GOVERNMENTS

**1981-1982**  
LEXINGTON, KY

Responsible for conducting research and policy analyses for all 50 states in the areas of environmental protection, natural resource management and energy development. Researched and authored a 16-month study on means for the eight states in the Ohio River Basin to cooperate in the siting of major energy facilities.

**Cabinet Research Advisor/Planner**  
KENTUCKY NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET  
FRANKFORT, KY

**1979-1981**

Responsible for research and policy analyses of environmental protection and natural resource management programs within the state Cabinet. Conducted environmental review and impact assessment of major energy facilities proposed in the Commonwealth including electric generating, coal liquefaction and gasification, ethanol, oil shale and tar sand facilities.

**Environmental Planner**  
U.S. ARMY CORPS OF ENGINEERS, VICKSBURG DISTRICT

**1972-1975**  
VICKSBURG, MS

Responsible for developing Environmental and Recreational Master Plans for two reservoirs and a river navigation project. Prepared environmental assessments of projects under the Corps 404 and Section 10 regulatory authority. Assigned lead responsibility for coordinating the transfer of 40,000 acres of recreational land to the U.S. Forest Service.

## EDUCATION

**Bachelor of Science, Resource Development**  
MICHIGAN STATE UNIVERSITY

**1968-72**  
E. LANSING, MI

*Concentration:* management of natural resources, forestry, hydrology, land use analysis and land economics

**Master of Science in Planning**  
UNIVERSITY OF TENNESSEE

**1977-78**  
KNOXVILLE, TN

*Concentration:* environmental planning, regional economics, state planning, remote sensing

## OTHER

- Board of Directors, Kentucky Pollution Prevention Center (1992-96)
- State Senior Executive Training, Duke University (1995)
- Meritorious Award, U.S. Environmental Protection Agency (1988)
- Newspaper Recycling Task Force Chair (1994-96)
- Executive Committee Member, to the *From Rio to the Capitols* National Sustainability Conference (1993)
- Publications:
  - "Federal Statutes and the Control of Toxic Substances." Handbook on Hazardous Materials Management, Institute of Hazardous Materials Management, 1992.
  - Kentucky Environmental Management Plan, Kentucky Department for Environmental Protection, 1989.
  - "Economic, Environmental Goals Key to Mission of Institute for Sustainable Development," Kentucky Journal, August, 1996.
  - "Clearing the Air. Automobiles and Clean Air." Kentucky Journal, August, 1997.

**BIOGRAPHY**  
**RALPH W. SCHIEFFERLE**

Married to Elizabeth A. Perkins, no children

Attended the University of Kentucky, majoring in political science

Worked at the Division of Water, Drinking Water Branch, as a procedures development coordinator since 1987, developing administrative regulations and following state and federal statutory and regulatory drinking water program changes.

# *Biography*

## **Clem Wethington**

Clem Wethington came to Kentucky Rural Water Association in 1987 from the City of Eddyville where he was Superintendent of Public Works for over eight years. He currently serves on the Eddyville City Council and holds the following licenses: a Class IIIA Kentucky Water Treatment Plant Operator's License, a Class II Kentucky Water Distribution System Operator's License, and a Class I Kentucky Wastewater Treatment Plant Operator's License.

Mr. Wethington held the position of Circuit Rider with the Kentucky Rural Water Association from June, 1987 to March, 1991. His primary duties as Circuit Rider were to provide technical assistance and hands-on training to rural water utility personnel throughout Kentucky. In 1988 Wethington received the "Rookie Circuit Rider of the Year" award from the National Rural Water Association (NRWA). He was also a contributing author of a Rural and Small System Training Guide entitled "An Introduction to Hydrant Operation and Maintenance" published by the National Rural Water Association in 1989.

Mr. Wethington's position with KRWA from March, 1991 to March, 1994 was that of Groundwater Technician. In that capacity, he worked with communities throughout Kentucky to help them develop local wellhead protection plans. In 1993 Mr. Wethington was named "Groundwater Technician of the Year" by NRWA. In March, 1994 Mr. Wethington returned as a Circuit Rider for a brief period and then became Program Specialist in February, 1995. The Program Specialist is dually responsible for providing training and technical assistance to water systems

Clem, a native of Casey County, Kentucky, resides in Eddyville, Kentucky with his wife, Maxine and daughter, Heather. Two children, Jennifer and Chris live away from home. He enjoys fishing, hiking, canoeing, and playing golf.

**RESUME OF  
DAMON R. TALLEY**

**I. PERSONAL INFORMATION**

ADDRESS: P. O. Box 150  
112 North Lincoln Blvd.  
Hodgenville, Kentucky 42748

TELEPHONE: (502) 358-3187

FAX NUMBER: (502) 358-9560

AGE: 42

MARITAL STATUS: Married-1 Child

HOMETOWN: Magnolia, Hart County, Kentucky

CITIZENSHIP: U.S.

**II. EDUCATION**

LAW SCHOOL: University of Kentucky College of Law  
Degree: Juris Doctor-May 1975

UNDERGRADUATE: University of Kentucky College of  
Engineering  
Degree: Bachelor of Science-Mechanical  
Engineering (with highest distinction)

G.P.S. 3.7 out of 4.0

**III. PROFESSIONAL QUALIFICATIONS**

Kentucky Bar Association: Member in good standing since 1975;  
Charter Life Fellow, Kentucky Bar  
Foundation;  
CLE Recognition Award

U.S. Supreme Court: Admitted in 1979



U.S. District Court for  
the Western District of  
Kentucky:

Admitted in 1977

U.S. Bankruptcy Court for  
the Western District of  
Kentucky:

Admitted in 1977

Martindale-Hubbell:

b v Rating

**IV. LEGAL EXPERIENCE**

1983-Present: DAMON R. TALLEY, P.S.C., Hodgenville, Kentucky.  
Engaged in the general practice of law with  
primary emphasis on representing Plaintiffs in  
personal injury, products liability, and social  
security cases. General civil trial practice.  
Secondary emphasis on representing water  
districts and other utilities.

1975-1983: HENSLEY, TALLEY & DUNN, Horse Cave, Kentucky.  
Partner in law firm which primarily defended  
insurance carriers and their insureds in an  
approximately 25 county area in South Central,  
Kentucky. Extensive practice in Workers'  
Compensation, negligence, products liability,  
insurance, construction, and commercial  
litigation.

**V. PROFESSIONAL MEMBERSHIPS**

- American Trial Lawyers Association
- Kentucky Academy of Trial Attorneys
- American Judicature Society
- Kentucky Bar Association
- American Bar Association
- Hardin County Bar Association
- LaRue County Bar Association
- Louisville Bar Association
- Kentucky Rural Water Association, Inc.

**VI. COMMUNITY & CIVIC ACTIVITIES**

- 1988-1992 Chairman & Charter Member, The Lincoln Museum, Inc.
- 1987-1988 Chairman & Charter Member, KY. FFA Foundation, Inc.
- 1986-1987 President, Hodgenville Rotary Club
- 1985-1986 President, LaRue County Chamber of Commerce
- 1985-1986 President, Kentucky FFA Alumni Association
- 1990 Recipient of Outstanding Citizen Award, LaRue County Chamber of Commerce
- 1981 Recipient of Outstanding Citizen Award, Cave City Chamber of Commerce
- 1981 President, Cave City Chamber of Commerce
- 1979 Recipient of Outstanding Citizen Award, Horse Cave Chamber of Commerce

**VII. ACADEMIC AWARDS & OTHER ACTIVITIES**

- Recipient of Sullivan Medallion presented to Outstanding Graduating Student at the University of Kentucky
- President of Moot Court Board at U.K. College of Law
- Selected Outstanding student in the U.K. College of Engineering
- Selected Outstanding Greek Man at the University of Kentucky
- President of Omicron Delta Kappa at the University of Kentucky
- President of Kentucky Association of Future Farmers of America

**VIII. CURRENT LEGAL CLIENTS - WATER DISTRICTS/UTILITIES**

Kentucky Rural Water Association, Inc.  
Hardin County Water District #2  
LaRue County Water District  
East Daviess County Water Association  
West Daviess County Water District  
Southeast Daviess County Water District  
East Pendleton Water District  
Ledbetter Water District  
North Nelson Water District  
Western Rockcastle Water Association  
Power & Telephone of KY., Inc.  
G. W. Routt Construction, Inc.

**IX. PAST SIGNIFICANT CLIENTS - WATER DISTRICTS/UTILITIES**

Allen County Water District  
Cub Run Water District  
Green River Valley Water District  
Horse Cave Water & Sewer Company  
Marion County Water District  
North Marshall Water District  
Pond Creek (Pike County) Water District  
Sound Sea Systems, Inc.  
Spears Water Company  
Utilities Consultants, Inc.  
White Hall Water District

Revised: 5-4-92

DRINKING WATER QUALITY BRANCH

10.709 8.3.3

## Biographical Sketch - Vicki Ray

Currently manager of the Drinking Water Branch in the Division of Water. Responsible for regulating all public water systems in the Commonwealth and implementation of the 1996 Safe Drinking Water Act amendments.

Has held several positions including:

Chemist for T.M. Regan Inc.

Chemist at KY American Water Co. Responsible for supervising the laboratories and treatment at the purification plants.

Has been with state government in various capacities in the drinking water program for 20 years.

Experience has included developing laboratory facilities, training drinking water and waste water treatment plant operators, trouble shooting treatment problems, compliance monitoring and information management.

# BILL JAROCKI

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Environmental Finance Center  
Boise State University  
1910 University Drive  
Boise, Idaho 83725

## *PRESENT*

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DUTIES:                    Director of the Environmental Finance Center  
Boise State University  
Boise, Idaho

## *PREVIOUS*

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STATE DUTIES:           Chief of the Idaho Division of Environmental  
Quality Research and Analysis Branch

Manager State Drinking Water Program

OTHER DUTIES:        Executive Director Association of Idaho Cities