



Kentucky Rural Water Association

Helping water and wastewater utilities help themselves

December 15, 2000

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Mr. Thomas Dorman
Executive Director
KY Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602-0615

Dear Mr. Dorman:

Case 2000-551

Kentucky Rural Water Association will host its 2001 Management Conference at the Bowling Green/Warren County Convention Center on February 13-14, 2000. We request that this training be approved for commissioners, as referenced in HB-75, KRS 74.020.

Please find enclosed a training summary, which includes a timed agenda, a description of each session, and speaker biographies. 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 ten (10) hours (5 hours for each day) for commissioner and board member training.

Sincerely,

Phillip East

Phillip East
Education Services Director

Enclosures

PE

TRAINING SUMMARY

2001 Management Conference
February 13 – 14, 2001
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 operators, managers, office personnel, and decision-makers 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 – Tuesday, February 13, 2001

TIME: 8:00 A.M. – 9:00 A.M. - Registration
TIME: 9:00 A.M. – 9:15 A.M. - Welcome and Introductions
Phillip East, Education Services Director
Kentucky Rural Water Association

OPENING SESSION – KEYNOTE ADDRESS

TIME: 9:15 A.M. – 10:15 A.M. 1.0 hr.
TOPIC: Water and Wastewater Issues At The Heart of Management
PRESENTER: -Dr. Janice Beecher, Beecher Policy Research, Inc.

This session will provide one (1) hour of classroom training and will address the critical issues and challenges facing water and wastewater utilities, including the following:

- Water and wastewater services – history, progress, and changes
- The impact of population and growth on the environment
- Protection of public health through national legislation – The Clean Water Act
And the Safe Drinking Water Act
- The effect of the development of technology on water and wastewater systems
- Meeting the challenges and taking advantages of the resources and opportunities

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 hr.
TOPIC: Information Technology and Water & Wastewater Utilities
PRESENTER: ✓ Douglas Robinson, Executive Director, Governor's Office for
Technology

This session will provide one (1) hour of training and will focus on the expanding role of technology in our industrial society, in state government, and in water and wastewater utilities. Mr. Robinson will present an overview of the Governor's Office for Technology and the state's efforts to maximize the use of technology for achieving optimum service and benefits. Discussion will include the following:

- The EMPOWER Kentucky initiative
- State government technology strategic planning
- How Kentucky's water and wastewater systems can keep pace with information technology
- Using information technology to manage utilities
 - Technology in training
 - Computerization in systems – SCADA, monitoring, and reporting
 - Electronic access, dissemination of information, and technology transfer
 - On-line training, e-mail, and web sites
 - Communicating/networking with regulatory agencies
- Developing capacity by managing information resources

TIME: 11:30 A.M. – 1:00 P.M. - LUNCH

SESSION THREE – (Two Tracks – Management/Operations and Office/Administration)

TIME: 1:00 P.M. – 4:15 P.M. 3.0 hrs.
(Includes one 15-minute break)

TRACK 1 Management/Operations – Three Topics
TOPIC 1: Building Financial Capacity
PRESENTER: ✓ Bob Pennington, Kirkpatrick Pettis

The first topic for this session will provide one (1) hour of training and will focus on accessing financial needs and on-going financing strategies that will build and demonstrate financial capacity for the utility. Having identified revenue sufficiency, credit worthiness, and fiscal management and controls as elements of financial capacity, this session will describe ways in which these essentials can be achieved. Helping utilities to become aware of funding sources, including interim and long-term financing, will be among Mr. Kirkpatrick's goals during this session.

TOPIC 2: On The Road To 2020
PRESENTER: ✓ Roger Recktenwald, Executive Director, KY Infrastructure Authority

The second topic for this session will provide one (1) hour of training and will update attendees with the latest activities of KIA. The passage and implementation of SB 409, as legislative commitment to the Governor's 2020 strategic plan, will be addressed as the driving force behind KIA leadership efforts. Mr. Recktenwald will emphasize the importance of utility participation in the early stages of management planning within the geographic boundaries that coincide with Area Development Districts. This presentation will include on-going and developing issues such as the updating of maps of uniform scale to illustrate system boundaries, uniform system of accounts, cost of service studies, fire protection, the status of municipals, addressing the issue of provision of wastewater services, and funding applications. The goal of this presentation is to encourage system personnel to take personal, collective, and community responsibility for achieving the benefits of safe drinking water for every Kentucky household by the year 2020, along with wastewater disposal practices that are consistent with source protection efforts.

TOPIC 3: 2001 Session – Kentucky General Assembly
✓ Gary Larimore, Executive Director, KY Rural Water Association

The third topic for this session will provide one (1) hour of training covering the latest information on our State's 2001 Legislative Session. This will be the first session since voters approved annual legislative sessions. This portion of the program will identify key legislative issues so far during the session, report on action already taken, and explore the issues with action or resolution still pending. The goal of this training is to explain the intent of specific bills and to assess their significance to water and wastewater systems in Kentucky.

(SESSION THREE, 1:00 P.M. – 4:15 P.M., cont.)

TRACK 2 Office/Administration

TOPIC 1: Utility Office Management From The Academic Perspective
- Dr. Sally Ray, Department Head, Department of Communication, WKU

This session will provide one and one-half (1&1/2) hours of training and will include instruction on effective communications in utility office operations. WKU teaching staff will present current academic perspectives and curriculum topics that identify the best office practices, techniques, skills, policies, and procedures consistent with business office training currently available to college level students. The importance of effective communications in the water and wastewater office setting will be emphasized. What happens when the dissatisfied customer meets desk rage? How do we handle co-workers who bring their problems to work? What about passing rumors from customer to customer? In addition, Dr. Ray will show how technology enhances the effectiveness of water and wastewater office and administrative functions.

TOPIC 2: What Consumer Confidence Reporting Has Taught Us So Far
PRESENTER: - Clem Wethington, Program Manager, KY Rural Water Association

This session will offer one and one-half (1&1/2) hours of training on issues relating to consumer confidence reporting. With two years of reporting behind us, much has been learned about the preparation and publication of CCR's. The effectiveness of the consumer confidence report as a public relations tool has been clearly established, as well as its usefulness as a training instrument within the utility. This program by Mr. Wethington will provide an update on all the changes, additions, and refinements in place for the third year of consumer confidence reporting. Office procedures that effectively utilize the information contained within the CCR will enable utilities to demonstrate consistency, accuracy, and product and service quality.

TOTAL HOURS FOR DAY ONE 5.0

DAY TWO – Wednesday, February 14, 2001

TIME: 9:00 A.M. – 9:15 A.M. - Welcome and Introductions
Paul Lashbrooke, President,
Kentucky Rural Water Association

OPENING SESSION

TIME: 9:15 A.M. - 11:30 A.M. (Includes one 15 minute break) 2.0 hrs.
TOPIC: EPA Small Systems Workshop
Peter Shanaghan, USEPA, and
✓Dr. Janice Beecher, Beecher Policy Research, Inc.

This session will provide two (2) hours of training in the format of a workshop. Hosted by two experts, nationally recognized for their knowledge and contributions to effective programs, Peter Shanaghan and Janice Beecher will direct their presentations to operators, board members, managers, and administrative personnel charged with the responsibility of effective operation and management of water and wastewater systems. The following topics will be among those included in this workshop:

- Strategic planning in the 21st century
- Assessing existing infrastructure
- Technical, managerial, and financial capacity
- Regulation overview
- Treatment technology selection
- Other external challenges
- Partnerships and utility organizational structures
- External opportunities
- Identifying options & determining optimum solutions

Case study worksheets

This training session is based upon the one-day workshops, developed by EPA, “designed to present a simplified, practical approach to strategic Safe Drinking Water Act Compliance planning” for small systems. For water and wastewater system professionals in Kentucky this is an excellent learning opportunity.

TIME: 11:30 A.M. – 1:00 P.M. - Lunch/Best Tasting Water Contest

SESSION TWO – (Two Tracks – Management/Operations and Office/Administration)

TIME: 1:00 P.M. – 4:15 P.M. 3.0 hrs.
(Includes one 15-minute break)

TRACK 1 Management/Operations – Three Topics)

TOPIC 1: KY Public Service Commission Regulation of W&WW Utilities

PRESENTER: ✓Thomas Dorman, Executive Director, KY PSC

The first portion of this session will provide one (1) hour of training. Mr. Dorman, recently named Executive Director of KY Public Service Commission, will present an overview of the PSC’s regulatory role with emphasis on current issues crucial to water and wastewater utilities. Included will be the following:

The role of the Public Service Commission in water and wastewater issues

The Governor’s strategic water plan for 2020

Important current issues, including commissioner training, restructuring, water rates, extending service areas, and participating in inter-agency programs aimed at delivery of quality water and wastewater services at affordable prices for the consumer.

The benefits derived by those attending this session should include:

Gaining a better understanding of the role and relationships of system operators, managers, board members, and the regulatory agencies

Identifying the plans and resources in place for water and wastewater utilities

Learning how to take advantage of the programs and policies of our Public Service Commission for the benefit of those we serve.

TOPIC 2: Re-thinking Some Long-standing PSC Rules

PRESENTERS: ✓Jerry Wuetcher, KY PSC, and Damon Talley, Attorney

The second portion of this session will provide one (1) hour of training. The goal of this training is to explain the mechanisms used by the KY PSC to order the development, investigation, promulgation, and revision of rules. The primary example used will be the current order known as ADMINISTRATIVE CASE NO. 386, AN EXAMINATION OF EXISTING WATER DISTRIBUTION MAIN EXTENSION POLICIES. Topics to be discussed will include:

An explanation of PSC’s authority

The relationship of PSC to water districts, water associations, sanitary sewer

districts, and municipalities

An explanation of the stages of investigation of conditions and policies

Collection of information regarding existing practices

Identifying perceived problem areas and potential solutions

Determining necessary revisions

Implementing revisions

This training will assist system personnel in developing a better understanding of the importance of their role in providing factual, detailed information when responding to PSC requests in administrative cases.

TOPIC 3: Capacity – To Pump or Not To Pump
✓Vicki Ray, Manager, Drinking Water Branch, KY DOW

The third portion of this session will provide one (1) hour of training. Vicki Ray will present an update on the latest news regarding the Safe Drinking Water Act. Four major areas of interest to water and wastewater system personnel will be discussed. These include:

Capacity Development update – Technical, Managerial, and Financial Capacity

New Regulations – the details from the primacy agency’s perspective

Operator Certification – Requirements for Kentucky’s water and wastewater operators.

Combining service, service areas, available funding

The goal of this training is to keep operators, managers, and decision-makers informed about existing and pending regulations which govern the water and wastewater utilities in Kentucky.

(SESSION TWO, 1:00 P.M. – 4:15 P.M., cont.)

TRACK 2 Office/Administration – Two Topics

TOPIC 1: Employment Standards and Your Utility

Anthony Sansone, Kentucky State Department of Labor

The first portion of this session will provide one and one-half (1&1/2) hours of training on labor, personnel, and employment issues which affect individuals, commissions, boards, associations, districts, and municipalities providing service in the water and wastewater industry. Topics to be addressed include the following:

Employers and employees – rights and responsibilities

Federal and State Laws – wage and hour, Fair Labor Standards Act, and American’s with Disabilities Act

Employment standards and practices

Update of court rulings regarding labor laws

Developing personnel policies for water and wastewater utilities

The goal of this training is to enable water and wastewater utility office managers and workers to better understand the laws and practices that assure effective results and that guarantee quality and service.

TOPIC 2: Private/Public Office Management
-Andy Smythe, Training and Development Manager, Employee Services, PIC Corporation

The second portion of this session will provide one and one-half (1&1/2) hours of training based upon the perspective of a successfully managed private business. The running of a business office of a private company utilizes many of the same methods and tools that work equally well in a public utility office. Topics to be covered include the following:

- Basic, effective office practices that work in the private sector
- Administrative procedures, policies, standards, that achieve desired results
- Dress codes and uniform policies
- Personal business, company time
- Customer service, internal and external
- Internal controls
- Meeting objectives

The goal of this session is to learn best office management practices in standard usage in the private business sector and compare them to those procedures which contribute to the effective management of a water or wastewater utility office.

TOTAL HOURS FOR DAY TWO	5.0
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TOTAL HOURS FOR BOTH DAYS	10.0
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Andy Smythe
PIC USA
Training & Development Manager
Platinum Account Director

Andy currently is in his tenth year with PIC. He has contributed in three out four operational areas during his PIC tenure – Networks, Technical Operations, and Services. As an Account Manager on the East Coast he developed and maintained key PIC customer relationships that continue to be successful today. Andy, then utilized his account management skills combined with formal production training from Smithfield-Carroll's Foods to lead the Contract Production System that produced greater than half of PIC Products. From there, Andy decided to further diversify his skill and experience set by joining the Human Resources team at PIC. As Training & Development Manager he brought a new creative perspective to the Training leadership at PIC. Most recently, Andy has been working on repairing a key customer relationship in addition to his training & development responsibilities. Andy received his BS from West Virginia University in 1988. He and his wife of ten years, Karey, live in Franklin, KY and are busy parents of two sons – Connor – 4 and Parker – 1. Andy, enjoys engaging conversations, gourmet cooking, golf, movies, and music.

BIO FOR THOMAS M. DORMAN

Thomas M. Dorman was appointed Executive Director of the Kentucky Public Service Commission in August of 2000.

Tom returned to the Commission, having previously served the agency as Vice Chairman and as Deputy Executive Director.

Tom is no stranger to state government, having served as Legislative Liaison for Governor Paul Patton and for Governor Wallace Wilkinson. Additionally, Tom served as Head of External Affairs for Governor Julian Carroll. He has also worked as Staff Assistant to two House Speakers, Bill Kenton and Bobby Richards, and as Staff Assistant to House Democratic Leadership.

Tom also served as Chair of the Kentucky River Authority, and is a member of the Kentucky Deferred Compensation Authority.

BIOGRAPHY

Anthony Sansone is a native of Cincinnati where he graduated from Xavier University with a B.S. degree in education. Mr. Sansone has been employed by the Kentucky Labor Cabinet since 1973. While with the Labor Cabinet Mr. Sansone has worked as an Employment Standards Investigator, Employment Standards Supervisor, Employee Development Specialist (Training Officer) and Reviewer. He is currently working in the capacity of Employment Standards Consultant.

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.

GERALD E. WUETCHER

Born November 28, 1959 in Louisville, Kentucky. Graduated from Johns Hopkins University in May 1981 with a Bachelor of Arts Degree in History (with Honors). Received a Juris Doctorate Degree from Emory University Law School in May 1984. Admitted to the State Bars of Georgia and Kentucky. Served as a judge advocate with the United States Army from September 1984 through July 1987. (Currently holds the rank of Major in the United States Army Reserve.) Has been employed since July 1987 as a staff attorney with the Public Service Commission of Kentucky. Represents the Public Service Commission in administrative and judicial proceedings involving the rates and service of electric, gas, telecommunications, water and sewer utilities. Principally assigned to the electric, water and sewer utility areas.

Biography

Gary Larimore

Gary Larimore has been Executive Director of the Kentucky Rural Water Association since its formation in March, 1979. He received both Bachelor of Science and Master of Public Service Degrees from Western Kentucky University in Bowling Green, Kentucky.

Mr. Larimore is responsible for the administration and day-to-day operation of the Association's office and supervision of an eighteen-member staff. These duties include budgeting and financial management, personnel management, and acting as the primary representative with the membership, the board of directors, National Rural Water Association, various funding agencies, and other outside organizations. Additionally, Mr. Larimore serves as Secretary/Treasurer of the Kentucky Rural Water Finance Corporation, which was incorporated in 1995 for the purpose of assisting communities in obtaining competitive financing. Other primary duties include representing the Association's legislative and regulatory interests as a full-time lobbyist and working with water-related groups and organizations.

Mr. Larimore is the co-author of the *Kentucky Rural Wastewater Manual for Policymakers*, June 1993; *Kentucky Rural Water Assistance Manual*, January, 1990; *Water System Decision Makers - An Introduction to Water System Operation and Maintenance*, January 1988; and *Conserving Water and Energy - A Manual for Managers of Rural Water Utilities*, September, 1982. He has served on a variety of National Rural Water Association (NRWA) committees and currently serves as a trustee of the Rural Municipal Retirement Trust, sponsored by NRWA.

Gary is a native of Horse Cave, Kentucky. He lives in Warren County, Kentucky with his wife Rita Tufts Larimore, who teaches fourth grade at St. Joseph School in Bowling Green, Kentucky.

Bob Pennington, First Vice President

Kirkpatrick Pettis

2525 Harrodsburg Road, Suite 100

Lexington, KY 40504

Phone: 859.224.2200

Mr. Pennington joined Kirkpatrick Pettis as First Vice President in February 1999. Prior to joining the firm, he was employed with Hilliard Lyons from 1994 to 2000 as an investment banker. Previous to Hilliard Lyons, he was employed with the Kentucky State Office of Financial Management and Economic Analysis, where he worked specifically with the Kentucky Infrastructure Authority as a financial analyst.

During his five years with the Kentucky Infrastructure Authority, Mr. Pennington was involved with the structuring and sale of several federal and state revolving loan program bonds, various interim financing note issues and bond program financings.

While Mr. Pennington's concentration has been with infrastructure finance, he has also worked on numerous other financing efforts, to include school district and healthcare finance.

Mr. Pennington comes to Kirkpatrick Pettis with extensive experience in various computer software programs to include Micro-Muni Debt, Sizing and Refunding, plus experience in spreadsheet software, including Lotus and Excel.

Mr. Pennington is a Kentucky native and currently lives in Frankfort. He is a 1988 graduate of the University of Kentucky, with a Bachelor of Business Administration with a concentration in finance.

Dr. Sally Ray, Department Head
Department of Communication
Western Kentucky University
Bowling Green, KY 42101

Dr. Sally Ray has been an associate professor in the Department of Communication at Western Kentucky University for 10 years. She became the Department Head in the spring of 2000.

Dr. Ray's primary areas of expertise are in Crisis Communication and Organizational Communication. She also does communication training and consulting with various companies.

Dr. Ray is the author of Strategic Communication in Crisis Management: Lessons from the Airline Industry. She has also written and published various journal articles.

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.

Roger Recktenwald

Born in Louisville Kentucky; acquired an MA in Theology, married, and quickly got an MSW to learn coping skills, and moved to Wheelwright and later to Dwale in Floyd County, Kentucky. Actively engaged in rural development, via community-based planning and organizing, infrastructure project development and administration, and local government advocacy. Worked for the five eastern-most counties of Kentucky, while employed as the executive director of the Big Sandy Area Development District from 1985 thru March 30, 2000. April 1, 2000 accepted, continue to be challenged by, and thoroughly enjoy the position of executive director of the Kentucky Infrastructure Authority.

If there's any mental energy left after actively promoting regionalism and other less noxious forms of communism, he enjoys tinkering and production of truly amazing inventions, dumb lawyer bashing, kite making...some have flown, thank you, Grisham, Gabaldon, and an occasional shot of Wild Turkey...to help save the fish. Most widely known as Eileen's husband, with whom he joint ventured Adam, 24, (Amy's husband) Rebekah, 22, and Sarah, 13 going on 21.

Presently resides in north Anderson County, which when everyone's home...the place emerges above hoods and fenders not unlike an office of a used car lot, complete with three too many cats, each with an attitude, a Collie with saddle, and several relatively quiet gold fish in a garden pond ...without the garden.

* * * * *

DOUGLAS ROBINSON

Executive Director

Governor's Office for Technology
Office of Policy and Customer Relations
Commonwealth of Kentucky

Senior executive responsible for state government information technology strategic planning, information policy, enterprise architecture and customer relationship management. Responsibilities include advancing the IT architecture of the state, promoting opportunities for electronic government services, emerging technology research and promoting best practices in IT management. As an IT process owner, he has been actively involved in Governor Patton's EMPOWER Kentucky initiative for reengineering state government. He has twenty-two years experience in the information technology arena including IT consulting, researching emerging technologies, public policy issues, electronic access and dissemination strategies and technology transfer. He is a member of several national groups and many commissions, boards and committees related to information technology and information resources management.

Previous positions include:

Executive Director

Kentucky Information Resources Management (KIRM) Commission
Office of Chief Information Officer, Commonwealth of Kentucky

Executive Director

Kentucky Office of Geographic Information Systems

Information Resources Consultant

Commissioner's Office, Department of Information Systems

Interim Director and Technology Transfer Coordinator

NASA Technology Applications Center, University of Kentucky

EDUCATION:

M.P.A., University of Tennessee, Knoxville (Concentration in Science, Technology and Public Policy) B.A., Maryville College, TN

July 2000

Beecher Policy Research, Inc.

Professional Biographies

[home](#)**Janice A. Beecher is the principal of Beecher Policy Research, Inc.**

Dr. Beecher's areas of expertise include regulatory policymaking and decisionmaking. She is a nationally recognized expert in the structure and regulation of the water utility industry, particularly as it compares to other utility industries, as well as in public and management policies related to water utility planning, pricing, and privatization. Her regulatory expertise is comprehensive with regard to economic oversight (pricing), resource management (quantity), and drinking water standards (quality), and the interrelationships among these specialized areas of regulation.

Dr. Beecher has authored and coauthored numerous research reports, book chapters, and journal articles. She has designed and taught graduate level courses in public policy, a university seminar on privatization, and focused short courses on water utility regulation. Dr. Beecher also lectures and consults with public, private, and international organizations. She has served as a regular consultant to the U.S. Environmental Protection Agency in relation to implementing various provisions the 1996 Safe Drinking Water Act and has authored several USEPA publications.

Dr. Beecher is actively involved with committees of the AWWA, the NARUC, and the NAWC. She has served as a project advisor for the American Water Works Association Research Foundation and as a technical reviewer for professional journals. Dr. Beecher has made presentations about the U.S. model of economic regulation at the World Bank and to regulatory delegations from Argentina and Japan. She authored the section on U.S. regulation of water utilities in the international reference book, *Utility Regulation 1997*. She was appointed in 1999 to the National Academy of Science's Committee on Privatization of Water Services in the United States.

Dr. Beecher previously was a Senior Research Scientist in the School of Public and Environmental Affairs at Indiana University (Indianapolis), a Senior Research Specialist at the National Regulatory Research Institute (NRRI) at The Ohio State University, and a policy advisor to the Chairman of the Illinois Commerce Commission.

Dr. Beecher has a B.A. in Economics, Political Science, and History from Elmhurst College and an M.A. and Ph.D. in Political Science from Northwestern University.

Charles S. Matzke, Ph.D. is co-principal of Beecher Policy

Biography

Joseph L. Burns II

Joe Burns is the Groundwater Technician for the Kentucky Rural Water Association (KRWA) and has held this position since April, 1994. Prior to joining the KRWA staff, Mr. Burns was a Senior Groundwater Hydrologist for the Kentucky Division of Water beginning in July, 1991, where he was responsible for designing and implementing Kentucky's Wellhead Protection Program, he also has worked as a geologist and laboratory technician for two engineering firms in Lexington, Kentucky. He holds Bachelor of Science and Master of Science Degrees in Geology from Eastern Kentucky University in Richmond, Kentucky.

The work of the KRWA Groundwater Technician carries Mr. Burns' previous work in developing the state Wellhead Protection Program down to the local level. The Groundwater Technician works with communities, relying on groundwater sources for their drinking water supply, to initiate planning teams, delineate protection areas, identify potential sources of contamination, devise means of protecting water sources, and educate the public on the importance of groundwater protection. Mr. Burns actively works with water systems that request assistance on a variety of other groundwater-related problems and situations. He also developed a "sample" Groundwater Protection Plan that was used by many utilities to meet state groundwater regulations, resulting in a savings of time and money for these utilities.

Joe is a native of London, Kentucky, and has recently returned to live there with his wife, Vickie, and their children, Sarah and Zach. Joe enjoys the outdoors, computers, and is active in the Kentucky Air National Guard.

PETER E. SHANAGHAN**Team Leader - Drinking Water Utilities Team**

Office of Ground Water and Drinking Water (4606)
United States Environmental Protection Agency
Washington, DC 20460

*** Major responsibilities:**

- Leads the Agency's Drinking Water Utilities Team.
- The team focuses on coordinating implementation of the 1996 Safe Drinking Water Act amendments for water utilities, with a special emphasis on small systems (those serving fewer than 10,000 persons). The team's major responsibilities include:
 - Helping states develop and implement programs to enhance the technical, financial, and managerial capacity of water systems.
 - Providing water system training and technical assistance.
 - Integrating national program regulations and policies from the utility perspective.

- * Peter has been with EPA for 14 years and has served in a number of positions dealing with small community water and wastewater issues.
- * Peter has received a number of Honors and Awards, including EPA's Gold Medal for Exceptional Service in recognition of his work in support of Safe Drinking Water Act Reauthorization.
- * Peter holds a Master of Engineering Degree in Environmental Engineering from Rensselaer (REN-SELL-ER) Polytechnic Institute in Troy, NY and a Bachelor of Science Degree in Chemistry from Providence College in Providence, RI.
- * Peter is active with the small systems committees of a number of major industry associations including the American Water Works Association, the National Association of Water Companies, and the Water Quality Association.