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Commonwealth of Kentucky
Public Service Commission
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Linda K. Breathitt
Commissioner

October 23, 2012

Ms. Jana Fattic
Interim Director
Center for Water Resource Studies
Western Kentucky University
1906 College Heights Boulevard #11075
Bowling Green, Kentucky 42101

Re: Case No. 2012-00458
Request for Accreditation

Dear Ms. Fattic:

The enclosed documents have been filed in the record of the above-referenced case. Any objections to this action should be submitted to the Commission within five days of receipt of this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Derouen".

Jeff Derouen
Executive Director

gw
Enclosure

From: [Fattic, Jana](#)
To: [Wuetcher, Jerry \(PSC\)](#)
Subject: Re: Water Auditing workshop
Date: Monday, October 22, 2012 3:15:30 PM
Attachments: [Speaker Bios.docx](#)
[Water Loss Workshop Agenda.docx](#)

Jerry-

I've submitted the request to PSC, and was assigned Case No. 2012-00458. Thanks in advance for following up on this. Here are the additional details of the workshop:

- a. Speakers – see attachment
- b. Agenda – see attachment
- c. Location – Knicely Conference Center, 654 Campbell Lane, Bowling Green, KY
<http://www.wku.edu/knicelycenter/location.php>
- d. Fees – \$60 for AWWA members and small systems (serving 10,000 or less population), and \$75 for non-members. Organizations sending more than one employee are also eligible for the \$60 rate.
- e. Deadlines – register by November 20
- f. CEUs/Other Credentials – approved for 6 hours for WT and DS operators in TN; 6 hours pending for operators, board members and commissioners in KY
- g. Accommodations – Staybridge Suites, 680 Campbell Lane. Book by calling 800-238-8000 or at <https://internaltools.ihg.com/redirectLite/lite/groupbooking> using Group Code: WTI

As soon as the on-line registration site is available I'll let you know.

Thanks!

Jana Fattic, Interim Director
Center for Water Resource Studies
Western Kentucky University
270-745-8706

From: <Wuetcher>, "Jerry (PSC)" <JWuetcher@ky.gov>
Date: Friday, September 28, 2012 11:36 AM
To: "Fattic, Jana" <jana.fattic@wku.edu>
Subject: RE: Water Auditing workshop

Jana:

Attached is the link to the PSC regulations that deal with water district commissioner training.

<http://www.lrc.state.ky.us/kar/807/005/070.htm>

Essentially, the PSC needs a letter in which contains the name and address of the applicant; the name and sponsor of the program and the subject matter covered by the program; a summary of

the content of the program in detail sufficient to describe how the program will enhance the management, operation, and maintenance of water treatment and distribution systems (basically the program outline and agenda); the number of credit hours requested for the program (based upon the number of minutes of instruction); the name and relevant qualifications and credentials of each instructor presenting the program (resume); and a copy of written materials given to water commissioners attending the program.

Please let me know when the request is sent and I will try to ensure that it is promptly reviewed. I do not believe that this program will have any difficulty being accredited for 6.0 hours of water management training. The PSC's Small Utilities Website and Small Utilities Twitter Feeds will send out announcements regarding the course as soon as we receive the final details of the program.

If you have any questions, please contact me.

Sincerely,

Jerry

Gerald E. Wuetcher
Executive Advisor/Attorney
Public Service Commission of Kentucky
gerald.wuetcher@ky.gov
Office: (502) 564-3940 x259
Cell: (502) 229-6500

From: Fattic, Jana [<mailto:jana.fattic@wku.edu>]
Sent: Friday, September 28, 2012 12:27 PM
To: Wuetcher, Jerry (PSC)
Subject: Water Auditing workshop

Jerry-

Julie mentioned you could send me the CEU application for Board Members/Commissioners for our Water Auditing workshop. I'm working on getting the cost worked out and will let you know as soon as possible if there will be a government rate. Here is what the current agenda is looking like:

8:30-9:15	Registration
9:15-9:30	Welcome/Logistics/Intro Steve as Emcee – Jana Fattic – WKU
9:30-9:45	Framing the Issue – “The Big Why” – Steve Cavanaugh
9:45-10:15	Water Auditing Basics – Will Jernigan
10:15-10:30	Break
	System Case Studies
10:30-11:00	Small – Chris Leauber, Water & Wastewater Authority of Wilson County – TN
11:00-11:30	Medium – Tony Rojas, Macon Water Authority – GA

11:30-12:00 Large – George Kunkel, Philadelphia Water Works – PA
12:00-12:45 Working Lunch – Lessons learned from Georgia’s Water Stewardship Act
12:45-1:15 Software Demonstration – Will Jernigan
1:15-1:45 Interpreting Data/Data Validity – high level – Will Jernigan
Improvements
1:45-2:15 Source Meter Testing – “A Common Challenge” – Stu Bowns, Hydromax
– Ky
2:15-2:30 Break
2:30-3:00 Regulatory Perspective
Julie Roney – KY Division of Water
Representative – Public Service Commission
3:00-3:30 Panel Q&A – All speakers
3:30-3:45 Wrap up/Evaluations/CE Credits/Adjourn – Steve Cavanaugh

Let me know if you have any questions or need additional information.

Thanks,
Jana

Jana Fattic, Interim Director
Center for Water Resource Studies
Western Kentucky University
270-745-8706

Water Auditing and Loss Control Workshop

Speaker Biographies

Steve Cavanaugh, Jr., P.E.

President, CEO – Cavanaugh & Associates, P.A.

A creative visionary with an unshakeable dedication to environmental stewardship and preservation, Steve Cavanaugh's vast engineering experience encompasses a wide range of both domestic and international projects. For more than two decades, Steve has worked with public and private sector clients to develop intelligent environmental solutions to some of today's most challenging issues. In addition to his agricultural expertise on waste-to-energy and biomass facilities, Steve is known among his peers as an expert in the field of Water Loss and Recovery. His dedication to improve and protect the world's water resources through urban and agricultural areas, streams, lakes and reservoirs, water distribution systems, wastewater collection systems and water/wastewater treatment plants has helped him forge lasting relationships across the board with federal, state and municipal clients to effectively solve their water problems.

Will Jernigan, P.E.

Director of Water Efficiency – Cavanaugh & Associates, P.A.

Mr. Jernigan has been with Cavanaugh for 10 years and his area of expertise is Water Efficiency with a focus on Revenue Recovery. He serves on the national AWWA Water Loss Control Committee and its subcommittees in developing tools and standards for the water industry. He has authored several technical papers and articles in the area of water efficiency, presented at both regional and national conferences. Will has worked with hundreds of water utilities in the Southeast in water auditing and efficiency programming, and is presently managing a statewide water audit training project in Georgia. Will lives in Asheville, North Carolina.

Tony Rojas

Executive Director – Macon Water Authority, GA

Tony Rojas leads the Macon Water Authority (MWA), comprising 200 dedicated employees that proudly serve the water and sewer needs of 54,000 customers in the City of Macon and Bibb County. Tony has over 20 years of experience in local government and public utility management. Prior to joining the MWA, he had the privilege of serving as the city manager for the cities of Moultrie, Vidalia and Hawkinsville, Georgia. Tony is a member of the American Water Works Association (AWWA) and the Water Environment Federation (WEF) and is the past chair of the Georgia Section of WEF. He serves as a member of the Middle Ocmulgee Regional Planning Council, and since 2009, he has served on the State Board of Examiners for Certification of Water and Wastewater Treatment Plant Operators and Laboratory Analysts. Tony has a Bachelor's degree from Augusta State University and his Master's degree in Public Administration from the University of Georgia (UGA).

Chris Leuber

Executive Director – Water & Wastewater Authority of Wilson County, TN

Chris Leuber is responsible for managing 323 miles of water distribution main and 7,000 connections in the rural eastern area of Wilson County. Prior to joining the Authority in 2006, he managed water audit and leakage control projects for services provided to hundreds of water utilities throughout the United States and abroad. He has written various technical papers and provided many presentations and training classing on water loss control. He is a graduate from the Pennsylvania State University, has been an active member of the Tennessee Association of Utility Districts for over 20 years, and has served on the national AWWA Water Loss Control Committee for 14 years.

George Kunkel, P.E.

Water Efficiency Program Manager – Philadelphia Water Department

Mr. Kunkel has worked for the Philadelphia Water Department for 32 years and has chaired the city's Water Accountability Committee for the past 19 years. He is active in the American Water Works Association, having served as a trustee in the Distribution & Plant Operations Division and chair of the Water Loss Control Committee. He has been involved in a number of water loss projects in AWWA and the Water Research Foundation, and has authored numerous publications on water loss control. Mr. Kunkel is also a member of the Water Loss Specialist Group of the International Water Association and the recipient of the 2010 Water Star Award from the Alliance for Water Efficiency.

Julie Roney

Drinking Water Program Coordinator – KY Division of Water

Julie has over 32 years of experience in the environmental field, with 25 years devoted to drinking water. She currently holds the position of Drinking Water Program Coordinator for the KY Division of Water with the responsibility for overseeing the implementation of the Safe Drinking Water Act and related drinking water regulations for the Division. Prior positions with the Division of Water include Supervisor of the Technical Assistance and Outreach section of the Drinking Water Branch (2003-2008) and drinking water technical assistance (1999-2003). She also held various positions with Kentucky-American Water Company (1987-1999) in the production and water quality departments, progressing from chemist to Water Quality Director. Her career began with Commonwealth Technology, Incorporated (1980-1987) as a laboratory chemist with promotion to Water and Microbiology Supervisor. She currently holds a Kentucky Class IVA Water Treatment license and a Kentucky Class IVD Water Distribution license.

Jana Fattic, M.S., R.S.

Interim Director, Center for Water Resource Studies – Western Kentucky University

Jana Fattic is the Interim Director of the Center for Water Resource Studies at Western Kentucky University. She has served in various management capacities throughout her career, spanning the private, regulatory and academic sectors. Jana has experience in drinking water and wastewater treatment, stormwater and watershed management, public health and safety, and solid waste management. She holds a Master of Science degree in Geoscience from Western Kentucky University, and conducted research for her Master's thesis on ways to connect hands-on experiential components with distance learning opportunities for future water and wastewater treatment operators.

Stu Bowns

Hydromax, USA

Stu has 40+ years in the water and wastewater industry and has worked on over 400 sanitary sewer and water distribution system evaluation projects throughout the country. He has implemented innovative technologies for the water industry and is an active National AWWA Water Loss Control Committee member. Stu is an expert in production metering accuracy.

Water Auditing and Loss Control Workshop
Draft Agenda
December 4, 2012

9:15-9:30	Welcome/ Intro – Steve Cavanaugh & Jana Fattic
9:30-9:45	Framing the Issue – “The Big Why” – Steve Cavanaugh
9:45-10:15	Water Auditing Basics – Will Jernigan
10:15-10:30	Break
	<u>System Case Studies</u>
10:30-11:00	Small – Chris Leuber, Water & Wastewater Authority of Wilson County – TN
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1:45-2:15	Source Meter Testing – “A Common Challenge” – Stu Bowns, Hydromax – KY
2:15-2:30	Break
2:30-3:00	Regulatory Perspective Julie Roney – KY Division of Water Representative – Public Service Commission
3:00-3:30	Panel Q&A – All speakers
3:30-3:45	Wrap up/Summary – Steve Cavanaugh