

June 17, 2010

Jeff Derouen

P.O. Box 615

Re:

**Executive Director** 

Frankfort, KY 40602-0615

Public Service Commission of Kentucky

Request for Continuing Education Units (CEUs)

**KYTN Water Professionals Conference** 

Nashville, TN – July 18-21, 2010

RECEIVED

JUN 2 1 2010

PUBLIC SERVICE COMMISSION

Nashville

2995 Sideo Drive Nashville TN 37204 (615) 460-0437 Fax (615) 460-0480 www.ssr-inc.com

Houston

CASE NO. 2010-00253

Fort Lauderdale

Dear Mr. Derouen:

Memphis

Sarasota

On behalf of the Kentucky/Tennessee Water Professionals Conference, I hereby request consideration of our Technical Program for Continuing Education Units through the Public Service Commission of Kentucky. The Water Professionals Conference is a joint venture between the KYTN Section American Water Works Association and the KYTN Water Environment Association. It is a yearly conference that includes a training program that covers a variety of topics including management, operations, engineering, customer service and other issues facing the water community. Managers, plant operators, utility staff, engineers, and other water professionals from across Kentucky and Tennessee will attend this conference to network together and attend the Technical Program to receive information essential to the performance of their profession.

Phoenix

New Orleans

Dallas

I am transmitting ten (10) hardcopies of this letter, our Technical Program schedule, and supplementary information regarding the requirements of 807 KAR 5:070. I am also transmitting ten (10) compact discs with this information as well as biographies of each of the presenters and abstracts of their presentations for your consideration.

Please let me know if you have any questions. I may be reached at (615) 460-0582.

Sincerely,

SMITH SECKMAN REID, INC.

Michael L. Bernard, PE

Vice Chair, KYTN Section AWWA

Michael L. Berrand

Leanne Scott cc:

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			. T	echnical Program - Sı	ınday, July 18	•				
	Facility Tours - Meet and Greet in Exhibit Hall		1:00 - 5:00							
			5:00 - 7:00							
	Technical Program - Monday, July 19									
	Welcome Breakfast		7:30 - 8:30							
	General Session		8:30 - 10:00							
	Break - Exhibit Hall		10:00 - 10:30							
	Exhibit Hall Open		10:00 - 12:00 and 1:30 - 6:30							
	Professional Poster Sess	sion 9:00- 3:00								
	Room 102	Room 103	Room 104	Room 108	Room 109	Room 208	Room 209	Room 210		
	Session M1A	Session M2A	Session M3A	Session M4A	Session M5A	Session M6A	Session M7A	Session M8A		
	Topic: Regulatory - KY Issues	Topic: Regulatory - TN Issues	Topic: Customer Service	Topic: Distribution System Issues	Topic: Engineering and Construction Issues	Topic: Collection System Issues	Topic: Stormwater Issues	Topic: Industrial WW / Pretreatment Beneficial Use of Dairy and		
10:30 AM	Kentucky Drinking Water Regulatory Update Julie Roney Kentucky Division of Water	Tennessee Drinking Water Regulatory Update Tom Moss Tennessee Division of Water Supply	Improving Customer Service and Generating New Utility Revenues through Homeowner Warranty Plan Marketing Bruce Tobey Home Service USA Corp.	Breathing New Life into Old Water Pipelines: A Renewal Case Study in Charleston , South Carolina Tim Ball Jacobs / JJG	Inflatable Dam Technology Provides Solution to Community Water Needs Kristen Braden H. R. Gray	Don't Let Water Hammer Ruin Your Day. The Importance of Transient Analysis in the Design Process Scott Hall Brown and Caldwell		Berieficial Use of Daily and Carbonated Soft Drink Wastes in POTWs T. Houston Flippin Brown and Caldwell		
11:00 AM	Kentucky Wastewater Regulatory Update Julie Roney Kentucky Division of Water	Tennessee Wastewater Regulatory Update Saya Qualls Tennessee Division of Water Pollution Control	Why Care About Customer Satisfaction? Douglas Brock Stacy Owens Cristina Marciani Kentucky American Water	Planning Distribution Systems for New Supply Sources Jeff Cruickshank Hazen and Sawyer	BIM and IPD - Are You Ready? Should You Be? John Watkins Jacobs / JJG	Knowing Your Pump Station's Stress Level Can Make For a More Peaceful O&M Program Glenn Weist AECOM Water	Funding a Large Stormwater System: The First Four Years Scott Morgan City of Memphis Zack Daniel Camp, Dresser and McKee	Local Limits Re-Evaluation for Louisville MSD - 5 WQTCs, 80 SIUs, 4 Receiving Streams, 1 Class A Biosolids Product Bradford E. Derrick Strand Associates		
11:30 AM	KYWARN - Mutual Aid Response System for Water and Wastewater Systems Brad Murphy Northern Kentucky Water District	Biosolids in Tennessee: The Road Ahead Robert G. O'Dette Tennessee Division of Water Pollution Control	Water Leak Adjustments Chris Goodloe Louisville Water Company	Replacement of Water Lines on Lookout Mountain Bluff Jerry Hightower CTI Engineers	Design-Build in the Water Industry - How to Make it a Success Thomas A. Dittmaier Burns and McDonnell	Getting the Most Out of Your Existing Infrastructure: Case Study for Wet Weather Storage for a Wastewater Pumping Station Jay Fulmer Brown and Caldwell	No More "Rain Tax" Talk: Turning the Public into Stormwater Stewards Terry Cole Jacobs / JJG	What if Industrial Flows Don't Make it to the Plant? SD1's Determination of Potential Water Quality Impacts from Non-Domestic Dischargers in their CSS Curt D. Courter Hazen and Sawyer		
12:00 PM	Awards Luncheon -	1	2:00 - 1:30							
	Session M1B	Session M2B	Session M3B	Session M4B	Session M5B	Session M6B	Session M7B	Session M8B		
	Topic: Water Plant Operations	Topic: Wastewater Plant Operations	Topic: Management Issues	Topic: Distribution System Issues	Topic: Engineering & Construction Issues	Topic: Collection System Issues	Topic: Biosolias	Topic: Drinking Water Quality		
1:30 PM	Tennessee's Largest	Protecting Your Investment Through Operator Training Kenneth Schnaars AECOM Water	Succession Planning and Educating a Sustainable Workforce Christal Wade WTI - Western Kentucky University	Calibrating a Large Water Distribution System Model Jennifer Lind Camp, Dresser and McKee	Startup of a 200-MGD Influent Pump Station Jonathan S. Lapsley Camp, Dresser and McKee	Staging Inline Storage and Green Infrastructure for CSO Control Gunilla Goulding Malcolm Pirnie	Moccasin Bend WWTP Aaron B.Stephens Material Matters	A Comprehensive Approach to Address Black Water Complaints Rengao Song Louisville Water Company		
2:00 PM	Cost Effective Approaches to Unlocking Hidden Capacity and Efficiency in Your Water Treatment Plant Kelly Comstock Brown and Caldwell	Wastewater Treatment a	Turning Wastewater Utility Challenges into Effective Advocacy Carrie Turner LimnoTech Mike Apgar Sanitation District #1	A Study on the Impact of Water Chemistry in the Water Treatment Plant to Lead and Copper Corrosion in the Distribution System Z. Michael Wang Hazen and Sawyer	Condition Assessment of Pre-Stressed Concrete Main Keith Coombs Louisville Water Company	Developing Nashville's Nine Minimum Controls Plan Wes Frye Metro WaterServices Mike Burgett Gresham, Smith and Partners		Setting up a Certified Bactenological Lab - It is More Than Just Buying Lat Equipment Dorothy Johnson Kentucky American Water		
2:30 PM	Alternative Solutions to Upgrade and Expand a Large Water Treatment Plant's Coagulation Feed and Storage System Ron Abraham Camp, Dresser and McKee	Reduce Operating Costs by Eliminating Aeration in an Aerobic Digester- A case study at Newport Utilities James B. Franks WWTP Ted Mullennix Ennix Inc. Carrol Proffitt Newport Utilities	Plant Maintenance Optimization Bob Carmon Brown and Caldwell	Evaluating and Improving Storage Facility Impacts on Water Age in Distribution Systems Kevin T. Laptos Black and Veatch	Value Engineering and Constructability Review - Saving Money While Implementing Advanced Treatment Processes at Northern Kentucky's Water Treatment Facilities Richard Harrison Northern Kentucky Micholas Winnike CH2M Hill	Warner Park CSO Control Facility Paul C. Cate CTI Engineers	Beneficial Reuse of Biosolids with Lower Disposal Costs Michele Kline Kruger	Key Design Parameters of Advanced Oxidation Processes for Emerging Contaminant Destruction Scott M. Alpert Hazen and Sawyer		
	Competitions - Exhibit Hall 3:00 - 6:00									
	Ice Cream Parlor - Exhib									
<b> </b>	Exhibitor Reception - Exhibit Hall 5:00 - 6:30									

			Te	chnical Program - Tu	esdav. July 20			
	Awards Breakfast -	7:30 - 9:00				· ·		
	Exhibit Hall Open	9:00 - 1:00						
	Student Poster Session	9:00 - 12:00						
***************************************	Room 102	Room 103	Room 104	Room 108	Room 109	Room 208	Room 209	Room 210
	Session T1A	Session T2A	Session T3A	Session T4A	Session T5A	Session T6A	Session T7A	Session T8A
	Topic: Water Plant Operations	Topic: Wastewater Plant Operations	Topic: Customer Service	Topic: Distribution System Issues	Topic: Engineering and Construction Issues	Topic: Collection System Issues	Topic: Safety and Security	Topic: Biosolids
	Ways to Meet New Rules: Meeting Stage 2 D/DBP Rule in 2010 Frank Rombardo Jacobs / JJG	Kingsport Wastewater Treatment Plant Startup - Is This Going to Work? Stephen H. King Camp, Dresser and McKee	Collection Customer Call Script Gloria Jackson-Campbell Metro Water Services	Real World Experiences in Reducing Real Water Losses Through Automated Leak Detection Systems Craig Hannah Johnson Controls	Brownfield to Wastewater	Don't Let Your Hydraulic Model Go To Waste: Using Your Model On a Daily Basis Geoff Grant AECOM	Metro Water Services Private Fire Hydrant Program Lyn Fontana Linda Green Metro Water Services	Selecting a Sustainable and Beneficial Reuse Biosolide Processing System - The DeKalb Experience Robert C. Borneman ARCADIS
	Evolution of a SCADA System ' Doug Kimbler Bowling Green Municipal Utilities	"Inside the Fence" Energy Optimization Approach and Case Studies John Perry CH2M HILL	Leadership Comes in All Shapes and Sizes Dave Vogel Louisville Water Company	Meter Strategy - Looking Ahead at the Next Step for Kentucky American Water Shannyn Walker Kentucky American Water		Minimizing Model Simulation Times by Selecting Representative Periods for Long-Term Modeling Kimberly M. Martin Camp, 'Dresser and McKee	Anatomy of a Chlorine Emergency Alice Cannella Jerry Stewart City of Chattanooga	Can an Egg-shaped Digester Stand on Its End? Tom Wynn- Jacobs / JJG
	Capital Planning in an Uncertain Economy - SJWD's Water Plant Capacity Expansion Paul Hargette Black and Veatch	TANSTAFL: The ESCO Energy Optimization Process at 4 WWTPs Robert F. Wimmer Black and Veatch	Survey Says Giles County Residents Respond to Safe Drinking Water Query Jason Griffin Gresham, Smith and Partners	Mobile Work Order Management - Real Info You Can Really Use Lyn Fontana Metro Water Services	Design / Build WTP in	Paducah-McCracken Joint Sewer Agency, Sanitary Sewer System Hydraulic Model Development and Calibration Joe Henry Adalyn Haney GRW Engineers	How a Legal Loophole Could Change the Chemical Makeup of Your Utility SharmIsta Dutta Frankfort Electric and Water Board David Haas Jacobs / JJG	Dewatering Technology: Traditional Versus New Steven C. Reese Hazen and Sawyer
10:45 AM	15 Minute Break				3			
	Session T1B	Session T2B	Session T3B	Session T4B	Session T5B	Session T6B	Session T7B	Session T8B
	Topic: Water Plant Operations	Topic: Wastewater Plant Operations	Topic: Finance	Topic: Water Reuse	Topic: Engineering and Construction Issues	Topic: Collection System Issues	Topic: Public Information	Topic: Special Topics
	Lessons Learned from Start up of New Membrane Filtration Water Treatment Plant in Upper East Tennessee David L. Jones CTI Engineers	How Low Can You Go? When a BNR Oxidation Ditch Meets Low Phosphorus Limits Karen Harrison Jacobs / JJG	Using Performance Contracting to Fund Infrastructure Improvements Chris Downs Johnson Controls	Water Supply and Reuse Strategies in the Southeastern United States Joseph K. Robinson Woolpert	Bo Copeland	Application of Multiple Technologies Reduces CSOs from Nashville's Boscobel CSO David Bible Arcadis	The Odd Couple: PR & The Media Glen Thomas Memphis Light, Gas and Water	Water For People Overview Stephen H. King Camp, Dresser and McKee
	On-Site Hypochlorite Generation: A Look at the Numbers Catherine Keenan Hazen and Sawyer	Phosphorus Removal How To's Steve Yonker Burns and McDonnell	Wholesale Water Contracts: Common Practices & Pitfalls Kenneth G. Diehl, Jr. Smith, Seckman and Reid	Stewardship of a Critical Resource: KAW Reviews Conservation Plan to Add Water Balance and Other AWWA/IWA Parameters Preston Pendley Strand Associates	Company		CSO Public Participation Plan Abby Trotter Hall Strategies Paul Stonecipher AECOM Water Sonia Harvat Metro Water Services	Engineers Without Borders - Nashville: From Chapter Creation to Project Design Kimberly M. Martin Camp, Dresser and McKee
	Lunch in the Exhibit Hall	12:00 to 1:30						
	Room 102	Room 103	Room 104	Room 108	Room 109	Room 208	Room 209	Room 210
	Šession T1C	Session T2C	Session T3C	Session T4C	Session T5C	Session T6C	Session T7C	Session T8C
	Topic: Sustainability	Topíc: Wastewater Plant Operations	Topic: Management Issues	Topic: Distribution System Issues	Topic: Small Systems Issues	Topic: Collection System Issues	Topic: Drinking Water Quality	Topic: Industrial WW / Pretreatment

Called				abulani Duanuana Tu	andre July 20			
				echnical Program - Tu				
1:30 PM	Riding the Wave of Community Energy Planning: Why Energy Efficient Utilities are a Key Player in Urban Energy Management Amelia Ravin Camp, Dresser and McKee	Biologically Enhanced High- Rate Clarification - A Pilot Study Katherine Bell Camp, Dresser and McKee	Preparing for a Region 4 EPA Clean Water Act Section 308 Audit Darren Gore City of Murfreesboro	Distribution System Monitoring and Assessment Under the Proposed Revised Total Coliform Rule Timothy E. Soward IntelliTech	Water Mentoring Initiative	Cleaning Large Diameter Interceptors; Everybody Knows They Need to Do It, But Don't Want to Admit It Christopher W. Pawlowski AECOM Water	Protecting Our Future: Partnering with Schools to Implement Critical Water Quality Programs Emily Fritz Louisville Water Company	Pollutants of Emerging Concern and Other Federa Pretreatment Prorities Jan Pickrel EPA Headquarters Pretreatment Coordinato
2:00 PM			Writing an Inter- Governmental Agreement Michael A. Schober Buchart Horn	Keeping Water Quality from Tanking: how Inspecting Tanks Improves Service Life Neal Stubblefield Jacobs / JJG	Technical Assistance Center Network (TACNet): Tools and Training for Small Systems Jana Fattic WKU Center for Water Resource Studies	Rehabilitating the Benefit- Cost Model for Investing in Infrastructure Renewal S. Wayne Miles Camp, Dresser and McKee	Ceramic or Polymeric Membranes: What is your Application? Brent Fulghum Jacobs / JJG	Pretreatment Program Update Yatasha Moore Tennessee Division of Water Pollution Control
2:30 PM	Recovery in Wastewater Side Streams Alan Stone	Evaluation of Wet Weather Strategies and Clarifier Optimization Using State-of- the Art Tools Alonso Griborio Hazen and Sawyer	Management of Consent Order Deliverables Lori Hanna Tetratech	Asset Management in the Fast Lane for Water Distribution Systems: An Interim Report (City of Houston) Paul Schumi Wachs	When Conventional Doesn't Apply: Exploring Wastewater Disposal Options Paul Steele Gresham, Smith and Partners	Developed by Application of CMOM Requirements Hugh Garrison Metro Water Services	Protecting Your Water Supply and Your Bottom- Line: Shifting Treatment Costs from Ratepayers to Polluters Alexander Leff Sher Leff, LLP	Categorical Regulation Review KY-TN WEA Pretreatment Committee Chuck Durham Tetra Tech
	Break	3:00 - 3:15			I	<u> </u>		
2:30 PM	Ice Cream Parlor 2:30	- 4:30						
	Session T1D	SessionT2D	Session T3D	Session T4D		Session T6D	Session T7D	Session T8D
	Topic: Water Resources	Topic: Wastewater Plant Operations	Topic: Management Issues	Topic: Young Professionals	•	Topic: Collection System Issues	Topic: Drinking Water Quality	Topic: Industrial WW i
3:15 PM	Water Needs Through Sustainable Supplies Tom Moss	Microscopic Population Dynamics and Their Relationships to the Activated Sludge Process in a 30 MGD Wastewater Treatment Plant Maria J. Lundin Town Branch Wastewater Lab	Watch your Assets: Asset Management as a Tool and a Mindset Karen Johnson Adam Byard CH2M HILL Herschel Hall Yanti Miller Knoxville Utilities Board	Mike Keith - "Voice of the Titans"		Sewers, Evaluating Design Guidance Based on the	The Use of UV / Peroxide for Taste and Odor Treatment Rob Haas Trojan Technologies	Industrial Pretreatment Dr. Larry Moore University of Memphis
3:45 PM	for Comprehensive	Development and Application of BioWin	Selling Your Utility Assets - A Good Idea or an Act of			Evaluating Four Parameters for Estimating RDI/I	System Design Used to	Case Study: Tracking the Source of Interference at a
	in Central Tennessee Thomas E. Dumm O'Brien and Gere	Process Modeling for Biological Nutrient Removal Process Design and Optimization Ron Latimer Hazen and Sawyer	Desperation? Edward D. Wetzel R.W. Beck			Barge, Waggoner,	Meet Disinfection Needs Joel Neulight Severn Trent	POTW Jeff Uhler City of Portland, TN
4:15 PM	in Central Tennessee Thomas E. Dumm O'Brien and Gere  Cost Savings Potential of Recycling Waste Streams at the City of Greensboro Nicole Litton	Biological Nutrient Removal Process Design and Optimization Ron Latimer	Edward D. Wetzel			Barge, Waggoner,	Joel Neulight	Jeff Uhler
	in Central Tennessee Thomas E. Dumm O'Brien and Gere  Cost Savings Potential of Recycling Waste Streams at the City of Greensboro Nicole Litton	Biological Nutrient Removal Process Design and Optimization Ron Latimer Hazen and Sawyer Web-Based WWTP O&M Manual Using GIS Technology Rob Hench GRW Engineers	Edward D. Wetzel R.W. Beck  Water Supply Adequacy - Understand Risk to Make Smart Decisions Daniel Haddock			Barge, Waggoner, Sumner and Cannon  Camp Taylor SSES - Challenges and Opportunities John Loechle Louisville MSD Vince Bowlin	Joel Neulight Severn Trent  Comparison of On-line Chlorine Analysis Methods and Reagent Discharge implications Terry L. Engelhardt	Jeff Uhler City of Portland, TN  Case Study: Implementation of a FOG Program Kandyce Groves
4:30 PM	in Central Tennessee Thomas E. Dumm O'Brien and Gere  Cost Savings Potential of Recycling Waste Streams at the City of Greensboro Nicole Litton Hazen and Sawyer	Biological Nutrient Removal Process Design and Optimization Ron Latimer Hazen and Sawyer Web-Based WWTP O&M Manual Using GIS Technology Rob Hench GRW Engineers	Edward D. Wetzel R.W. Beck  Water Supply Adequacy - Understand Risk to Make Smart Decisions Daniel Haddock Layne Christensen			Barge, Waggoner, Sumner and Cannon  Camp Taylor SSES - Challenges and Opportunities John Loechle Louisville MSD Vince Bowlin	Joel Neulight Severn Trent  Comparison of On-line Chlorine Analysis Methods and Reagent Discharge implications Terry L. Engelhardt	Jeff Uhler City of Portland, TN  Case Study: Implementation of a FOG Program Kandyce Groves
4:30 PM 4:30 PM 6:00 PM	in Central Tennessee Thomas E. Dumm O'Brien and Gere  Cost Savings Potential of Recycling Waste Streams at the City of Greensboro Nicole Litton Hazen and Sawyer  Young Professionals Social	Biological Nutrient Removal Process Design and Optimization Ron Latimer Hazen and Sawyer Web-Based WWTP O&M Manual Using GIS Technology Rob Hench GRW Engineers	Edward D. Wetzel R.W. Beck  Water Supply Adequacy - Understand Risk to Make Smart Decisions Daniel Haddock Layne Christensen  4:30 - 6:30			Barge, Waggoner, Sumner and Cannon  Camp Taylor SSES - Challenges and Opportunities John Loechle Louisville MSD Vince Bowlin	Joel Neulight Severn Trent  Comparison of On-line Chlorine Analysis Methods and Reagent Discharge implications Terry L. Engelhardt	Jeff Uhler City of Portland, TN  Case Study: Implementation of a FOG Program Kandyce Groves

2010 KYTN Water Professionals Conference
July 18-21, 2010
Nashville Convention Center, Nashville, TN
Request for Continuing Education Units- Public Service Commission of Kentucky
Supplementary Information

- (1) The name and address of the applicant; Michael Bernard, PE; 2995 Sidco Drive, Nashville, TN 37204- phone- (615) 460-0582
- (2) The name and sponsor of the program and the subject matter covered by the program; 2010 Kentucky/Tennessee Water Professionals Conference. This conference is a joint venture between the KYTN Section American Water Works Association and the KYTN Water Environment Association. It is a yearly conference that includes a training program that covers a variety of topics including management, operations, engineering, customer service and other issues facing the water community.
- (3) 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.

We are transmitting the Technical Program and all of the abstracts associated with each training session for your review.

- (4) The number of credit hours requested for the program;
  The maximum number of credit hours that any individual could obtain if they attended every session is 12.0. We respectfully request that many credit hours be approved.
- (5) The name and relevant qualifications and credentials of each instructor presenting the program;

We are including biographies for each of the presenters for your review.

- (6) A copy of written materials given to water commissioners attending the program; There will not be any written materials given to the attendees.
- (7) If the program has been certified by an organization that provides training to persons associated with the water industry, the name of the certifying organization and a statement that the certification remains valid.

Certification by both the Kentucky Division of Compliance Assistance and the Tennessee Water and Wastewater Operator Certification Board is pending.