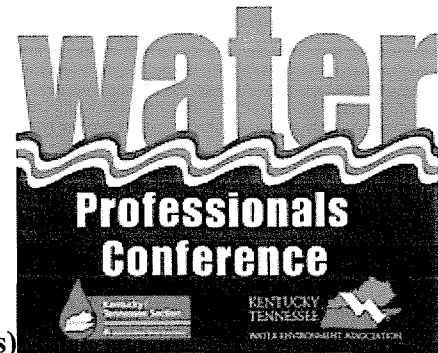


June 17, 2010

Mr. Jeff Derouen
Executive Director
Public Service Commission of Kentucky
P.O. Box 615
Frankfort, KY 40602-0615



Re: **Request for Continuing Education Units (CEUs)
KYTN Water Professionals Conference
Covington, KY – July 24-27, 2011**

Dear Mr. Derouen:

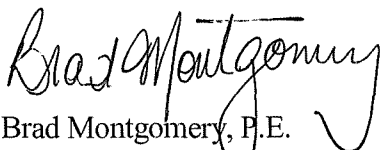
On behalf of the Kentucky/Tennessee Water Professionals Conference, I hereby request consideration of our Technical Program for Continuing Education Units through the Public Service Commission of Kentucky. The Water Professionals Conference is a joint venture between the KYTN Section American Water Works 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.

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 a binder containing hard copies of the abstracts of each presentation and 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 (859) 223-3999 or bmontgomery@grwinc.com.

Very truly yours,

GRW Engineers, Inc.


Brad Montgomery, P.E.
Technical Session Co-Chair

DBM

Enclosures

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MAY 31 2011

**PUBLIC SERVICE
COMMISSION**

2011 KYTN Water Professionals Conference

July 24-27, 2011

Northern Kentucky Convention Center, Covington, KY

Request for Continuing Education Units- Public Service Commission of Kentucky
Supplementary Information

(1) The name and address of the applicant;

**Brad Montgomery, PE; GRW Engineers, Inc., 801 Corporate Drive, Lexington, KY 40503,
phone- (859) 223-3999, [email-bmontgomery@grwinc.com](mailto:bmontgomery@grwinc.com)**

(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, including the facility tours, is 16.5. 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.

Technical Program - Sunday, July 24

Facility Tours - 1:00 - 5:00

Meet and Greet in Exhibit Hall 5:00 - 7:00

Technical Program - Monday, July 25

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 Session 9:00- 3:00

| | Mtg. Rm 5 | Mtg. Rm 6 | Mtg. Rm 1 | Mtg. Rm 2 | Mtg. Rm 3 | Mtg. Rm 4 | Ballroom E | Ballroom D |
|----------|---|---|---|---|--|--|--|--|
| | Session M7A | Session M8A | Session M3A | Session M4A | Session M5A | Session M6A | Session M1A | Session M2A |
| | Distribution | Collection Systems | MGMT | Nutrient Removal | Construction | SUSTAIN | REG UPDATE KY | REG UPDATE TN |
| 10:30 AM | Vince Monks Maintaining Water Quality in Storage Tanks Through Optimized Management Strategies | Kimberly Martin Beyond Unit Prices: Using Site Investigations to Develop an SSO Corrective Action Plan that Will Work | Dave Vogel Leadership Comes in All Shapes and Sizes | Clark Dorman KY Nutrient Update | Kyle Boyle The Axis of New Trenchless Technology: Removing the Highland Acres Pump Station with a New Trenchless Boring Technology | William R. Scalf, Jr., PE Energy and Greenhouse Gas Impact Evaluation for Cardinal Hills Pump Station | Julie Roney Kentucky Drinking Water Program Update | Saya Qualls TN Wastewater/Clean Water Update |
| 11:00 AM | Jennifer Lind Planning for Disaster: How Knox County Utilities Utilized Hydraulic Modeling to Develop an Emergency Operations Supply Plan | Lori McIlvalne, EIT Hidden Clauses and the Cost of Money: Lessons Learned in Negotiations and Implementation of Consent Decree Deliverables | Leeann Williams System Modeling for Integrated Water Resource Planning | Saya Qualls TN Nutrient Update | Craig S. Parker, P.E. Alternative Project Delivery: How KUB Used CM-at-Risk Approach to Accelerate Construction of Six Wastewater Storage Facilities | Scott A. Hall PE What Can I Do to Make My Pumping Station Green? Understanding, Selecting, and Incorporating Sustainability Design Concepts into | Julie Roney Kentucky Wastewater/Clean Water Act Update | Alan Schwendimann TN Drinking Water Update |
| 11:30 AM | Jan Rountt Using a Systematic, Measurable Criteria-based Approach to Optimize Drinking Water Distribution System Performance | Wesley Sydnor Assessing Your Floatables and Utilizing Creative Methods to Determine the Impacts to Water Bodies | Jason D. Brooks Wet-weather Wastewater Program Management | Greg Youngstrom OSANCO Nutrient Update | Ron McMaine An Uplifting Experience-- Expansion of the Berea, Kentucky water plant | Kelly Comstock PE Protecting Your Most Valuable Asset in Water/Wastewater System Operations -- Institutional Knowledge | | |
| 12:00 PM | Awards Luncheon - 12:00 - 1:30 | | | | | | | |
| | Session M1B | Session M2B | Session M3B | Session M4B | Session M5B | Session M6B | | |
| | Distribution | Collection Systems | Management | Nutrient Removal | Construction | Watershed Issues | | |
| 1:30 PM | Paul Schumi Asset Management in the Fast Lane for Water Distribution Systems: City of Houston | C. Herschel Hall Dry Weather Overflows - Analysis and Prevention | Ed Wetzel Indianapolis Completes a \$2 Billion Municipal Water/Wastewater Utility Sale | Ron Latimer Designing for Reliable, Cost-Effective Nutrient Removal: Lessons Learned | Bo Copeland Reducing Check Valve Slam and Pressure Spikes at a Pump Station with Bladder Surge Tanks and Fast-Closing Check Valves | Michelle Hatcher Up the Creek with a Paddle: Performance of a Visual Stream Assessment on Non-Wadeable Streams | | |
| 2:00 PM | Jeff Cruickshank Increasing Distribution System Capacity: Bigger Pipes or More Pumps? | Lori McIlvalne, EIT Cleaning Up The Fog: The Price of a Fats, Oils, and Grease Program | John Perry Non-Revenue Water Audits as a Top-Down Asset Management Approach to Increasing Revenue and Improving Performance | Michael A Schober PE Integrating Biofilm Activated Sludge for Biological Nutrient Removal | Kristen Braden Claims: How to Avoid or Mitigate Them | Arthur C. Newby Modeling the Cumberland River Using CE QUAL W2 | | |
| 2:30 PM | Z. Michael Wang Using GIS and Water Quality Model to Analyze the Deterministic Factors for Lead and Copper Corrosions in Distribution Systems | Stephen Lindsey Breathing New Life into Venerable Old Stone and Brick Sewers with a Cured-In-Place Pipe Project Definitely Not for the Faint-Headed | David K. Brauner The Role of the National Infrastructure Protection Plan to the Water Utility Industry - Move down | Adam Byard Numeric Nutrient Criteria: Implications and Options for Utilities | R. Kevin Kruchinski Lessons Learned from the Startup of Kentucky American Water's Newest Treatment Plant | Randy Stambaugh Post Construction. Is your MS4 ready? | | |
| | Competitions - Exhibit Hall 3:00 - 6:00 | | | | | | | |
| | Ice Cream Parlor - Exhibit Hall 3:00-4:30 | | | | | | | |
| | Exhibitor Reception - Exhibit Hall 5:00 - 6:30 | | | | | | | |

| | | | | | | | |
|--------------------------|---|--|---|--|---|---|--|
| Awards Breakfast - | | 7:30 - 8:30 | | | | | |
| Exhibit Hall Open - | | 8:30 - 2:00 | | | | | |
| Student Poster Session - | | 9:00 - 12:00 | | | | | |
| | Ballroom E | Ballroom D | Mtg. Rm 1 | Mtg. Rm 2 | Mtg. Rm 3 | Mtg. Rm 4 | Mtg. Rm 5 |
| | Session T1A | Session T2A | Session T3A | Session T4A | Session T5A | Session T6A | Session T7A |
| | Collection System | Pub. Information | DWWR | FLOOD | Private Property | Watershed Issues | Industrial Pretreatment |
| 8:45 AM | J. Pavoni & J. Hindenach Devising a Triple Bottom Line Solution for Wastewater Collection, Treatment, and Disposal for a Lake Community | Glen Thomas Mobile Warming: Time to Embrace Mobile Technology | Paul A. Stonecipher Rehabilitation of Franklin's Raw Water Reservoir | H.J. "Bud" Schardein Climate Change and Flood Protection | Kristen Benick PEEKING INTO THE WORLD OF PRIVATE SOURCE I/I CONTROL - A CASE STUDY OF AN INTEGRATED APPROACH TO SSO CONTROL | Jason Heath Pathogens, Wet Weather, and Regulations for the Future of the Ohio River | Jeffrey L. Pintenich, P.E., BCEE, CHMM NPDES Impoundment Risk Assessments Spawned by the Kingston, Tennessee December 2008 Ash Release |
| 9:15 AM | Brandon C. Vatter Innovative Continuous Sewer Assessment Program (CSAP) Streamlines Proactive Asset Management | Angela Akridge and Wesley Sydnor Making an Impact with Creative Public Outreach and Education Initiatives | Griff Machinski Saving Ten Million Gallons of Water Loss Per Month | Sonia Harvat Metro Water Services Response to the May Flood in Nashville - Are you prepared for a crisis? | Andy Lukas PE Taking Private Property I/I Reduction from Pilot to Full Scale | Mark Sneve Existing Water Quality Standards and Wet Weather Compliance are Mutually Exclusive. Why Does This Have to be the Case? | Pete Shack Membrane bioreactors applied to treatment of landfill leachate |
| 9:45 AM | Ed Walker, P.E. Water Quality Improvement on the Cumberland River using In-line Trash-trap Floatables Control at two CSO's | Jeff Chatterton Aw CRAP! Now what? Communicating in a Crisis. | Thomas E. Dumm, PE Implementing a Comprehensive Regional Water Supply Plan in the Duck River | Martha Segal Flooded with Questions: How Metro Water Services Customer Services Responded to the May 2010 Flooding | Amanda Waters Legal and Funding Issues Associated with Private Source Inflow and Infiltration Removal | David Pyzoha, P.E. Holistic Watershed Management | Reinaldo Gonzalez, PhD Conductivity Reduction Feasibility Analysis at a Meat Processing Facility |
| 10:15 AM | 15 Minute Break | | | | | | |
| | Session T1B | Session T2B | Session T3B | Session T4B | Session T5B | Session T6B | Session T7B |
| | CS | CUST SERV | BIOSOLIDS | FLOOD | MGMT | Watershed Issues | Industrial Pretreatment |
| 10:30 AM | Eric Onderak How do we match that? Developing a detailed model of the Nashville Combined System | Susan Lanchon and David Shehee Improving Customer Satisfaction by increasing Communications about the Quality of their Water | Daniel W. Miller Enhanced Solar Drying in the Midwest | Ken Baker Too Much Water Leads to Water Conservation in Nashville | Jason Griffin Water, Water, Everywhere, Nor Any Drop To Drink - The Creation of Tennessee's Newest Utility District | Alanna Malone Comparison of a Stochastic and Mechanistic Approach for Total Maximum Daily Load Development | Jim Buckles, P.E. Management of Deicing Stormwater |
| 11:00 AM | John Loechle Lessons learned and evaluation of alternative real time control strategies in Louisville, Kentucky | Scott Clark Customer Service Tips and Tricks Round Table Discussion | C. Michael Bullard Evaluating Biosolids Management Alternatives in Northeast Tennessee: A Cooperative Masterplanning Effort | Brent Fulghum A Blessing in Disguise? Clarksville's Dewatering Operations after the Flood | Lawrence P. Jaworski PE, BCEE Looking into the Regulator's Crystal Ball: The Future of Wet Weather Treatment | David Pyzoha, P.E. Timing and Education is Everything in Adopting a Stormwater Management Utility | Aaron Stephens PCB Sleuthing: The science of being a wastewater collection system detective |
| 11:30 AM | Tim Kraus Louisville Louisville MSDs Downspout Disconnection Program | | Mahyar Ghorbanian Emmissions Comparison of Natural Gas Usage and Digester Gas Usage in Biosolids Drying | Valorie Gilley / Tazio Qubeck May 2010 Flood Recovery- Navigating FEMA Guidelines for Federal Assistance | Ron McMaine - Water For People Update | Scott Hall USEPA's Draft Ammonia Criteria - Role of Freshwater Mussels and Unique Implementation Issues | Christine Brown Quantifying Surfactant in Wastewater |
| | Lunch in the Exhibit Hall | | 12:00 to 1:30 | | | | |

Technical Program - Tuesday, July 26

| | Ballroom E | Ballroom D | Mtg. Rm 1 | Mtg. Rm 2 | Mtg. Rm 3 | Mtg. Rm 4 | Mtg. Rm 5 | Mtg. Rm 6 |
|---------------------------------------|---|---|--|--|--|--|---|---|
| | Session T1C | Session T2C | Session T3C | Session T4C | Session T5C | Session T6C | Session T7C | Session T8C |
| | CS | DIVERSITY | Drinking Water Water Quality | FLOOD | MGMT | Wastewater Process Operations | Industrial Pretreatment | Sustain |
| 1:30 PM | Curt Courter Wet Weather Disinfection Alternatives | Mollie Bailey Using Diversity To Better Serve Your Community | Chris Bobay A Water Quality Perspective on Regional Partnerships: Evaluation of Disinfection Practices and DBP Control | M. Shannon Lambert A Phased Approach to Flood Recover at the Central WWTP Biosolids Facility | Ed Wetzel Surviving the Recession- An Owner's Perspective Round Table | Kevin Kennoy Achieving Green Energy Management Solutions at Wastewater Treatment Facilities | David Phillips EPA Update | Justin Gray From Meter to Model and Gray to Green |
| 2:00 PM | Joe Herman Addressing the Elephant in the Collection System: A Foolproof, Low Tech, Effective Method for Inspecting Large Diameter Trunk | Priya Kloccek Yes, I am diverse. So what, lets get some work done? | William B. Dowbiggin Activated Carbon Use and the Latest on AWWA Standards for GAC and PAC | Stephen H. King/Mike Crawford - City of Clarksville Clarksville Flood Recovery- Steps Toward Recovery, Upgrades and dealing with the FEMA | | Daniel Gummershelter WWTP Energy Efficiency Improvements | Byron Ross Mercury 101 and Dental Amalgam | Wesley Sydnor Fulfilling Louisville's Consent Decree Requirements for Overflow Reduction by Right-sizing Gray Controls with Green Infrastructure |
| 2:30 PM | Jim Buckles P.E., BCEE Site-Specific Calibration of Parshall Flumes | | David Shehee Corrosion Control Optimization - IWW's more than Lead and Copper Results | Kenneth R. Stewart III Niagara Falls in Nashville: Catastrophic Failure of a Levee and Trunk Sewer | | Ron Latimer Potential Pitfalls in Process Model Calibration and Application | Byron Ross Identifying pollutant sources in wastewater | Charles D. "Chad" McCormick Bridging the Green Infrastructure Gaps Between Combined (CSS) and Separate (MS4) Systems |
| Break 3:00 - 3:15 | | | | | | | | |
| 2:30 PM | Ice Cream Parlor 2:30 - 4:30 | | | | | | | |
| | Session T1D | Session T2D | Session T3D | Session T4D | Session T5D | Session T6D | Session T7D | |
| | Collection System | Young Professionals | Drinking Water Water Quality | FLOOD | SAFETY | EMERG | Industrial Pretreatment | |
| 3:15 PM | George E. Kurz P.E., DEE Brentwood Moratorium Relief Validated, I/I Reduction Continues | Bill Samuels Engineer, Physicist, Lawyer... The life of Bill Samuels Jr. President and CEO of Makers Mark | Jan C. Routh Collaborative Research To Better Understand Impacts of Extreme Weather on Water Quality Approach and Preliminary Results | Dan Miklos When Disaster Strikes | Doug Kimbler Do You Need a Haz Mat Team? | Kati Bell Emerging Contaminants at Risk, Regulations and Treatment Technologies | Chuck Durham Pretreatment Enforcement Case Studies | |
| 3:45 PM | David White Rehabilitation and Upgrade of the Lift Station 507 Storage Tank to a CSO RTB Facility | | Timothy Soward Trends in Waterborne Disease Outbreaks in the US | Doug Yarosz, PE Nashville's (Not So) Dry Creek WWTP-Flood Recovery in the Wake of a 1000-Year Rain Event | Todd Adams Accident Investigator for The Water/Waste Water Professional | Jennifer Baldwin Emerging Issues in Drinking Water Treatment: The ABCs | Jennifer Dodd Pretreatment Standards Review | |
| 4:15 PM | Chris Horvath Lessons Learned - Private Source I/I Removal | | George Garden "Black Box" or Conventional Filter Replacement; Does Membrane Pretreatment Pay? | Mike Callahan - NOAA Perspective on Climate Change | Henry Arellano Confined Spaces | Nora Kim, P.E. Wastewater Disinfection: New and Emerging Technologies | Pretreatment Certification Committee Pretreatment Roundtable | |
| 4:30 PM | Young Professionals Social - Behle Street Café | | 4:30 - 5:30 | | | | | |
| 6:00 PM | Member Celebration - Cincinnati Reds Game (7:05) | | 6:00 - 9:00 | | | | | |
| Technical Program - Wednesday July 27 | | | | | | | | |
| 7:30 AM | Continental Breakfast - | | 7:30 - 8:30 | | | | | |
| 8:30 AM | Workshop - Microconstituents/Emerging Contaminants 8:30 - 12:00 | | | | | | | |